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1.3 jboss-stdio 1.0.2.GA

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/ext/transport/chttp2/transport/varint.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/iomgr/sockaddr_utils.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/compression/algorithm_metadata.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/iomgr/tcp_client_posix.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/include/grpc/support/cpu.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/include/grpc/support/tls_msvc.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/support/log_linux.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/support/cpu_iphone.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/iomgr/tcp_client_posix.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/ext/census/aggregation.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/iomgr/socket_windows.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/ext/census/census_interface.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/include/grpc/support/sync_generic.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/iomgr/socket_windows.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/security/transport/security_connector.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/tsi/fake_transport_security.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/security/credentials/credentials.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/security/transport/security_connector.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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gz/src/core/lib/iomgr/iomgr_internal.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/transport/transport.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/ext/transport/chttp2/transport/internal.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/include/grpc/support/time.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/iomgr/endpoint.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/iomgr/endpoint.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/http/httpcli_security_connector.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/transport/connectivity_state.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/channel/connected_channel.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/surface/call_test_only.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/transport/connectivity_state.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/include/grpc/impl/codegen/status.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/channel/connected_channel.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/iomgr/socket_mutator.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/iomgr/socket_mutator.c
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/ext/transport/chttp2/transport/frame_rst_stream.h
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/ext/filters/client_channel/resolver/dns/native/dns_resolver.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/compression/message_compress.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/ext/filters/client_channel/resolver/dns/native/dns_resolver.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/compression/message_compress.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/ruby/ext/grpc/rb_completion_queue.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/security/util/json_util.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/ruby/ext/grpc/rb_compression_options.h
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/support/stack_lockfree.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/security/transport/security_handshaker.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/security/transport/security_handshaker.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/external/transport/chttp2/server/secure/server_secure_chttp2.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/tsi/ssl_transport_security.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/support/env_posix.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/iomgr/pollset_set.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/security/credentials/jwt/json_token.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/ruby/ext/grpc/rb_channel.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/surface/api_trace.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/surface/call.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/ext/census/grpc_context.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/surface/call.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/surface/api_trace.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/include/grpc/slice.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/include/grpc/support/host_port.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/ruby/ext/grpc/rb_call.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/include/grpc/support/tls_pthread.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/support/cmdline.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/support/sync.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/include/grpc/impl/codegen/atm_gcc_atomic.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/ext/filters/client_channel/uri_parser.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/include/grpc/support/alloc.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/ext/filters/client_channel/lb_policy.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/support/cpu_linux.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/surface/metadata_array.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/security/transport/tsi_error.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/http/format_request.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/security/transport/tsi_error.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/surface/channel.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/security/transport/timeout_encoding.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/support/cpuid.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/surface/metadata_array.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/support/cpu_policy.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/src/core/lib/support/thd_posix.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
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* The DSS routines are based on patches supplied by
* Steven Schoch <schoch@sheba.arc.nasa.gov>: */

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/include/openssl/dsa.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/dsa/dsa.c
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/evp/p_rsa.c
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_strcasecmp.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_send.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_search.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_query.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_timeout.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_gethostbyaddr.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_fds.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_strdup.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_expand_string.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_getenv.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_parse_ptr_reply.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_getenv.c
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gz/third_party/cares/cares/ares_parse_a_reply.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares_strerror.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
gz/third_party/cares/cares/ares__read_line.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/include/openssl/asn1.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/include/openssl/x509_vfy.h

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*/
/** Signal that the call is cacheable. GRPC is free to use GET verb */

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targz/include/grpc/impl/codegen/grpc_types.h

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gz/third_party/cares/cares/config-win32.h

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/core/lib/surface/completion_queue.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/core/lib/iomgr/ev_poll_posix.h
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/core/lib/security/credentials/composite/composite_credentials.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/core/ext/filters/client_channel/resolver/sockaddr/sockaddr_resolver.c

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/* Authenticated Encryption with Additional Data. */

/* AEAD couples confidentiality and integrity in a single primitive. AEAD
algorithms take a key and then can seal and open individual messages. Each
message has a unique, per-message nonce and, optionally, additional data
which is authenticated but not included in the ciphertext.

The EVP_AEAD_CTX_init function initialises an EVP_AEAD_CTX structure and
performs any precomputation needed to use [aead] with [key]. The length of
the key, [key_len], is given in bytes.

The [tag_len] argument contains the length of the tags, in bytes, and allows
for the processing of truncated authenticators. A zero value indicates that
the default tag length should be used and this is defined as
[EVP_AEAD_DEFAULT_TAG_LENGTH] in order to make the code clear. Using
tagged tags increases an attacker's chance of creating a valid forgery.
Be aware that the attacker's chance may increase more than exponentially as
would naively be expected.

When no longer needed, the initialised EVP_AEAD_CTX structure must be
passed to [EVP_AEAD_CTX_cleanup], which will deallocate any memory used.

With an EVP_AEAD_CTX in hand, one can seal and open messages. These
operations are intended to meet the standard notions of privacy and
authenticity for authenticated encryption. For formal definitions see
Bellare and Namprempre, "Authenticated encryption: relations among notions
and analysis of the generic composition paradigm," Lecture Notes in Computer
Science B<1976> (2000), 531–545,

When sealing messages, a nonce must be given. The length of the nonce is
fixed by the AEAD in use and is returned by [EVP_AEAD_nonce_length]. *The
nonce must be unique for all messages with the same key*. This is critically
important - nonce reuse may completely undermine the security of the AEAD.
Nonces may be predictable and public, so long as they are unique. Uniqueness
may be achieved with a simple counter or, if large enough, may be generated
randomly. The nonce must be passed into the "open" operation by the receiver
so must either be implicit (e.g. a counter), or must be transmitted along
with the sealed message.
The "seal" and "open" operations are atomic - an entire message must be encrypted or decrypted in a single call. Large messages may have to be split up in order to accommodate this. When doing so, be mindful of the need not to repeat nonces and the possibility that an attacker could duplicate, reorder or drop message chunks. For example, using a single key for a given (large) message and sealing chunks with nonces counting from zero would be secure as long as the number of chunks was securely transmitted. (Otherwise an attacker could truncate the message by dropping chunks from the end.)

The number of chunks could be transmitted by prefixing it to the plaintext, for example. This also assumes that no other message would ever use the same key otherwise the rule that nonces must be unique for a given key would be violated.

The "seal" and "open" operations also permit additional data to be authenticated via the |ad| parameter. This data is not included in the ciphertext and must be identical for both the "seal" and "open" call. This permits implicit context to be authenticated but may be empty if not needed.

The "seal" and "open" operations may work in-place if the |out| and |in| arguments are equal. Otherwise, if |out| and |in| alias, input data may be overwritten before it is read. This situation will cause an error.

The "seal" and "open" operations return one on success and zero on error. */

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/core/ext/transport/chttp2/transport/http2_settings.h
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/include/openssl/err.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/core/ext/filters/client_channel/policy/call_credentials.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/core/lib/security/credentials/plugin/plugin_credentials.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/core/lib/surface/channel_init.c
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/* These version-specific methods behave exactly like |TLS_method| and
* |DTLS_method| except they also call |SSL_CTX_set_min_proto_version| and
* |SSL_CTX_set_max_proto_version| to lock connections to that protocol
* version. */

/* key_exchange_info contains an indication of the size of the asymmetric
* primitive used in the handshake that created this session. In the event
* that two asymmetric operations are used, this value applies to the one
* that controls the confidentiality of the connection. Its interpretation
* depends on the primitive that was used; as specified by the cipher suite:
* DHE: the size, in bits, of the multiplicative group.
* ECDHE: the TLS id for the curve.
* 
* A zero indicates that the value is unknown. */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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 * This is used by some consumers to identify whether they are using an
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
  * gz/third_party/boringssl/crypto/x509v3/v3_bcons.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
  * gz/third_party/boringssl/crypto/x509v3/v3_bitst.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509v3/v3_int.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509v3/v3_purp.c
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* The field functions are shared by Ed25519 and X25519 where possible. */

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/curve25519/curve25519.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/curve25519/x25519-x86_64.c
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/ssl/tls_record.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/curve25519/internal.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/ec/vec64.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/thread_pthread.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/ssl/ssl_aead_ctx.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/rand/internal.h
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/ssl/ssl_process.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/thread_pthread.c
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gz/third_party/boringssl/crypto/ec/p256-64.c
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gz/third_party/boringssl/include/openssl/curve25519.h
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/* crc32.c -- compute the CRC-32 of a data stream
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 *
 * Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster
 * CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing
 * tables for updating the shift register in one step with three exclusive-ors
 * instead of four steps with four exclusive-ors. This results in about a
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509v3/v3_ia5.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509v3/v3_lib.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509v3/v3_sxnet.c

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   /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/ec/wnaf.c
   /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/include/openssl/ec.h
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/obj/obj.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/asn1/tasn_new.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/hmac/hmac.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/ssl/ssl_rsa.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/thread.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509/x_req.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/evp/internal.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509/x_name.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/md4/md4.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/bio/bio.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/include/openssl/sha.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/asn1/x_long.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509/x509name.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509/t_req.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509/x_spki.c
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gz/third_party/boringssl/crypto/mem.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/crypto/pem/pem_pk8.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/crypto/asn1/a_d2i_fp.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/crypto/asn1/a_bitstr.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/crypto/x509/x509type.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/crypto/x509/x509_att.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/crypto/x509/x509_cmp.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/crypto/x509/x509_ext.c
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gz/third_party/boringssl/crypto/x509/x509.c
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ
gz/third_party/boringssl/crypto/modes/internal.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ
gz/third_party/boringssl/crypto/modes/ctr.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ
gz/third_party/boringssl/crypto/modes/ofb.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ
gz/third_party/boringssl/crypto/modes/cfb.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ
gz/third_party/boringssl/crypto/modes/cbc.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ
gz/third_party/boringssl/crypto/modes/gcm.c

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/newhope/ntt.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/cpu-aarch64-linux.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509/internal.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/bytestring/asn1_compat.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/ssl/tls13_server.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/rand/deterministic.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/cpu-arm-linux.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/include/openssl/asn1_mac.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/newhope/newhope.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/newhope/poly.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/poly1305/internal.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/curve25519/spake25519.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/include/openssl/obj_mac.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/newhope/reduce.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/newhope/error_correction.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/newhope/internal.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/cpu-ppc64le.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/ssl/tls13_enc.c
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/ext/filters/http/client/http_client_filter.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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  * Shay Gueron (1, 2), and Vlad Krasnov (1)
  * (1) Intel Corporation, Israel Development Center, Haifa, Israel
  * (2) University of Haifa, Israel

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/bn/rsaz_exp.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/bn/rsaz_exp.h

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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/* zlib.h -- interface of the `zlib' general purpose compression library
version 1.2.11, January 15th, 2017

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950 (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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gz/third_party/cares/cares/ares_platform.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/ssl/dtls_record.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/cares/cares/ares_expand_name.c
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/iomgr/tcp_server_utils_posix.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/iomgr/timer_manager.h
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/iomgr/lockfree_event.c
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/core/lib/support/atomic_with_std.h
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/src/ruby/lib/grpc/generic/bidi_call.rb
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/ruby/pb/test/client.rb
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/ruby/lib/grpc/generic/rpc_server.rb
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/ruby/lib/grpc/version.rb
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/ruby/bin/apis/google/protobuf/empty.rb
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/ruby/spec/generic/server_spec.rb
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/ruby/bin/math_server.rb
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/ruby/lib/grpc/generic/rpc_desc.rb

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
gz/third_party/boringssl/ssl/internal.h
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-
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   /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/aes/aes.c
   /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/aes/mode_wrappers.c
   /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/aes/internal.h
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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/src/core/lib/security/credentials/jwt/jwt_verifier.c

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509v3/pcy_cache.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509v3/pcy_node.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/crypto/x509v3/pcy_lib.c

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-tar-gz/third_party/boringssl/ssl/s3_enc.c

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* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
  * gz/third_party/boringssl/crypto/x509v3/v3_ncons.c
* /opt/ws_local/PERMITS_SQL/1085830933_1599146752.66/0/grpc-1-4-1-gem/data-targ-
  * gz/third_party/boringssl/crypto/x509v3/v3_pmaps.c

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* /opt/cola/permits/1136687857_1613859467.34/0/javax-inject-2-3-0-b10-sources-4-jar/javax/inject/Singleton.java
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* /opt/cola/permits/1136687857_1613859467.34/0/javax-inject-2-3-0-b10-sources-4-jar/javax/inject/Named.java
* /opt/cola/permits/1136687857_1613859467.34/0/javax-inject-2-3-0-b10-sources-4-jar/javax/inject/Inject.java
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* /opt/cola/permits/1000740286_1646171488.95/0/opensaml-messaging-api-3-3-0-sources-jar/org/opensaml/messaging/decoder/servlet/AbstractHttpServletRequestMessageDecoder.java
* /opt/cola/permits/1000740286_1646171488.95/0/opensaml-messaging-api-3-3-0-sources-
jar/org/opensaml/messaging/context/MessageContextMutatingFunctor.java

* /opt/cola/permits/1000740286_1646171488.95/0/opensaml-messaging-api-3-3-0-sources-jar/org/opensaml/messaging/decoder/AbstractMessageDecoder.java

* /opt/cola/permits/1000740286_1646171488.95/0/opensaml-messaging-api-3-3-0-sources-jar/org/opensaml/messaging/context/navigate/RootContextLookup.java

* /opt/cola/permits/1000740286_1646171488.95/0/opensaml-messaging-api-3-3-0-sources-jar/org/opensaml/messaging/context/navigate/MessageLookup.java

* /opt/cola/permits/1000740286_1646171488.95/0/opensaml-messaging-api-3-3-0-sources-jar/org/opensaml/messaging/context/httpclient/package-info.java

* /opt/cola/permits/1000740286_1646171488.95/0/opensaml-messaging-api-3-3-0-sources-jar/org/opensaml/messaging/pipeline/package-info.java

* /opt/cola/permits/1000740286_1646171488.95/0/opensaml-messaging-api-3-3-0-sources-jar/org/opensaml/messaging/pipeline/servlet/package-info.java

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*/
/**
* A subcontext which carries information about whether the message channel in use is considered
* to have the active properties of confidentiality and integrity.
* */
* <p>
* This data is typically used to determine whether additional application- or protocol-specific signing
* and/or encryption operations are necessary.
* </p>
*/
/** Message channel confidentiality flag. */
/**
* Get whether message channel confidentiality is active.
* */
* @return Returns the confidentialityActive.
*/
/**
* Set whether message channel confidentiality is active.
* */
* @param flag The confidentialityActive to set.
*/

Found in path(s):
* /opt/cola/permits/1000740286_1646171488.95/0/opensaml-messaging-api-3-3-0-sources-
jar/org/opensaml/messaging/context/MessageChannelSecurityContext.java

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**1.10 quota 4.01-19.el7**

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1.12 mako 1.1.4
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/**
* <p> This class represents a <code>Map</code> collection with real-time
* behavior. Unless the map's size exceeds its current capacity,
* no dynamic memory allocation is ever performed and response time is
* extremely fast</b> and <b>consistent</b>.</p>
*<p>
* indicates that { @link FastMap#put FastMap.put(key, value) } is up to
* 5x faster</b> than <code>java.util.HashMap.put(key, value)</code>.

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This difference is mostly due to the cost of the <code>Map.Entry</code> allocations that {@link FastMap} avoids by recycling its entries (see note below).

{@link FastMap} has a predictable iteration order, which is the order in which keys were inserted into the map (similar to <code>java.util.LinkedHashMap</code> collection class).

Applications may change the resizing policy of {@link FastMap} by overriding the {@link #sizeChanged} method. For example, to improve predictability, automatic resizing can be disabled.

This implementation is not synchronized. Multiple threads accessing or modifying the collection must be synchronized externally.

Note: To avoid dynamic memory allocations, {@link FastMap} maintains an internal pool of <code>Map.Entry</code> objects. The size of the pool is determined by the map's capacity. When an entry is removed from the map, it is automatically restored to the pool.

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This class provides utility methods to parse `CharSequence` into primitive types and to format primitive types into `StringBuffer`.

Methods from this utility class do not create temporary objects and are typically faster than standard library methods (e.g. `Double.parseDouble` is up to 15x faster than `Double.parseDouble`).

For class instances, formatting is typically performed using specialized `java.text.Format` (`Locale` sensitive) and/or using conventional methods (class sensitive). For example:

```java
public class Foo {
    public static Foo valueOf(CharSequence chars) {...} // Parses.
    public StringBuffer appendTo(StringBuffer sb) {...} // Formats.
    public String toString() {
        return appendTo(new StringBuffer()).toString();
    }
}
```

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This class provides cache access to <code>Map</code> collections.</p>

* Instance of this class can be used as "proxy" for any collection
  implementing the <code>java.util.Map</code> interface.</p>

* Typically, [@link CachedMap] are used to accelerate access to
  large collections when the access to the collection is not evenly
  distributed (associative cache). The performance gain is about
  50% for the fastest hash map collections (e.g. [@link FastMap]).
* For slower collections such as `<code>java.util.TreeMap</code>`, non-resizable `{ @link FastMap } (real-time) or database access, performance can be of several orders of magnitude.</p>

* <p> Note: The keys used to access elements of a `{ @link CachedMap } do not need to be immutable as they are not stored in the cache (only keys specified by the `{ @link #put } method are).
* In other words, access can be performed using mutable keys as long as these keys can be compared for equality with the real map's keys (e.g. same `<code>hashCode</code>` values).</p>

* <p> This implementation is not synchronized. Multiple threads accessing or modifying the collection must be synchronized externally.</p>

* <p> This class is `{ public domain } (not copyrighted).</p>

* @author  &lt;a href="mailto:jean-marie@dautelle.com">Jean-Marie Dautelle</a>
* @version 5.3, October 30, 2003
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1.19 wildfly-clustering-infinispan-spi

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1.23 packaging 20.9

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1.25 perl-threads 1.87 4.el7

1.26 go-runtime

1.12.7go\`HTTP`group_idgtquest;

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-jar/io/netty/resolver/package-info.java
* /opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
* /opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-jar/io/netty/resolver/NameResolver.java
* /opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-jar/io/netty/resolver/NoopAddressResolver.java

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/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
jar/io/netty/resolver/DefaultNameResolver.java
/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
jar/io/netty/resolver/InetNameResolver.java
/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
jar/io/netty/resolver/CompositeNameResolver.java
/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
jar/io/netty/resolver/HostsFileParser.java
/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
jar/io/netty/resolver/HostsFileEntriesResolver.java
/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
jar/io/netty/resolver/DefaultAddressResolverGroup.java
/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
jar/io/netty/resolver/InetSocketAddressResolver.java
/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
jar/io/netty/resolver/AddressResolver.java
/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
/ opt/ws_local/PERMITS_SQL/1072989705_1595248346.22/0/netty-resolver-4-1-39-final-sources-
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/InnerClassesAttribute.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/analysis/Subroutine.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/runtime/Cflow.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/AnnotationImpl.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/FactoryHelper.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/convert/Transformer.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/SyntheticAttribute.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/reflect/Reflection.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/expr/Instanceof.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/SecurityActions.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ByteStream.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/SyntaxError.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/reflect/CannotReflectException.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformCall.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtNewWrappedMethod.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ClassFilePrinter.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/AssignExpr.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtArray.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtPrimitiveType.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/NewExpr.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/DeprecatedAttribute.java
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/AssignExpr.java
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtArray.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/CtPrimitiveType.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/NewExpr.java
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/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ClassFileWriter.java
/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/Compiler.java
/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/Instrumentation.java
/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/tools/rmi/ObjectNotFoundException.java
/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/NotFoundException.java
/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/Opcode.java
/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ByteStack.java
/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ByteStackOp.java
/opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ByteStackOperand.java

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 * */
jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/ClassMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/Annotation.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/ShortMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/DoubleMemberValue.java
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/AnnotationMemberValue.java
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/MemberValue.java
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* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/CharMemberValue.java
* /opt/cola/permits/1135864419_1613618067.93/0/javassist-3-22-0-cr2-sources-4.jar/javassist/bytecode/annotation/LongMemberValue.java

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1.30 wildfly-http-client-common 1.0.12.Final
1.31 hibernate-validator 6.0.17.Final

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*/
/**
 * A method-level constraint, that evaluates a script expression against the
 * annotated method or constructor. This constraint can be used to implement
 * validation routines that depend on several parameters of the annotated
 * executable.
 * 
 * Script expressions can be written in any scripting or expression language,
 * for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a> compatible engine can be
 * found on the classpath. To refer to a parameter within the scripting
 * expression, use its name as obtained by the active
 * [@link javax.validation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.
 * will be used as parameter names.
 * 
 * The following listing shows an example using the JavaScript engine which
 * comes with the JDK:
 * 
 * @code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
 * public void createEvent(Date start, Date end) { ... }
 * } 
 * </pre>
 * 
 * Can be specified on any method or constructor.
 * 
 * @author Gunnar Morling
 */

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* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/constraints/ParameterScriptAssert.java
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Found in path(s):
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
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Found in path(s):
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/util/TypeHelper.java
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 */
* Retrieves constraint related meta data for the parameters of the given executable.

* @param executable The executable of interest.

* @return A list with parameter meta data for the given executable.

*/

Found in path(s):
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4- jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
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* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4- jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForLocalTime.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4- jar/org/hibernate/validator/internal/metadata/core/MetaConstraints.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4- jar/org/hibernate/validator/internal/engine/path/PathImpl.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4- jar/org/hibernate/validator/internal/engine/groups/ValidationOrderGenerator.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4- jar/org/hibernate/validator/internal/engine/groups/Group.java

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* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/package-info.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/metadata/阎criptor/阎straint阎criptorImpl.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎/notempty/阎NotEmpty阎straint阎validators/阎for阎ollection.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/engine/value阎traction/阎ReadOnly阎roperty阎alue阎extract阎tor/阎java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/util/阎logging/阎format阎r/阎executable阎orm阎atter/阎java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎by阎number/阎bound/阎Max阎istrator阎or阎Long.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎by阎number/阎bound/阎Min阎istrator阎or阎Number.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎by阎number/阎bound/阎Abstract阎uture阎or阎Present阎Epoch阎ase阎tor/阎java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎by阎number/阎bound/阎Code阎oint阎ength.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎by阎number/阎bound/阎Duration阎ax阎istrator.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎by阎number/阎bound/阎CPF.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎by阎number/阎bound/阎Constraint阎om阎osition.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎by阎number/阎bound/阎Optional阎nt阎alue阎extract阎tor.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validation/阎/internal/阎straint阎validators/阎by阎number/阎bound/阎CPF.java

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jar/org/hibernate/validator/internal/constraintvalidators/hv/CodePointLengthValidator.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/ParserState.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/PESELValidator.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/metadata/descriptor/GroupConversionDescriptorImpl.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/util/privilegedactions/GetAnnotationAttribute.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/cfg/defs/ParameterScriptAssertDef.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/util/annotation/AnnotationFactory.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForDouble.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForDate.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/AbstractEmailValidator.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/cfg/context/ConstructorConstraintMappingContext.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/package-info.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForByte.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/metadata/aggregated/ParameterMetaData.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/metadata/provider/XmlMetaDataProvider.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/logging/Log.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/engine/groups/package-info.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/AbstractPastEpochBasedValidator.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/notempty/NotEmptyValidatorForArraysOfShort.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/notempty/NotEmptyValidatorForArraysOfLong.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/notempty/NotEmptyValidatorForArrayOfString.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/notempty/NotEmptyValidatorForArrayOfType.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/notempty/NotEmptyValidatorForArray.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/notempty/NotEmptyValidator.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/package-info.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForShort.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForString.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidator.java

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Open Source Used In Data Center Network Manager 11.5.4 570
jar/org/hibernate/validator/cfg/GenericConstraintDef.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/metadata/aggregated/PotentiallyContainerCascadingMetaData.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/package-info.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/metadata/raw/ConstrainedExecutable.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/util/privilegedactions/GetDeclaredField.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/metadata/aggregated/rule/ParallelMethodsMustNotDefineGroupConversionForCascadedReturnValue.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/constraintvalidators/hv/ScriptAssertValidator.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/constraints/Length.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/engine/valueextraction/MapPropertyKeyExtractor.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/HibernateValidatorPermission.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/xml/mapping/ClassConstraintTypeStaxBuilder.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/xml/mapping/ConstrainedParameterStaxBuilder.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/package-info.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/engine/valueextraction/FloatArrayValueExtractor.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/metadata/core/MetaConstraint.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/metadata/core/MetaConstraint.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/internal/metadata/core/MetaConstraint.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/spi/group/DefaultGroupSequenceProvider.java
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-
jar/org/hibernate/validator/size/SizeValidatorForCharSequence.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/metadata/descriptor/ElementDescriptorImpl.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadableInstant.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/HibernateValidatorFactory.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/LuhnCheck.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/messageinterpolation/HibernateMessageInterpolatorContext.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/metadata/descriptor/ReturnValueDescriptorImpl.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForFloat.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/NegativeOrZeroValidatorForNumber.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/cfg/context/MethodConstraintMappingContext.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/xml/mapping/ClassLoadingHelper.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/path/PropertyNode.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/number/package-info.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForYear.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/engine/constraintvalidation/ComposingConstraintTree.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/metadata/aggregated/GroupConversionHelper.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/cfg/defs/PatternDef.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/constraintvalidators/bv/money/NegativeOrZeroValidatorForMonetaryAmount.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/cfg/context/container/ContainerElementConstraintMappingContextImpl.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/internal/cfg/context/ReturnValueConstraintMappingContextImpl.java
* /opt/cola/permits/110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4.jar/org/hibernate/validator/constraints/package-info.java
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* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/META-INF/validation-configuration-1.0.xsd
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/META-INF/validation-mapping-2.0.xsd
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/META-INF/validation-mapping-1.0.xsd
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/META-INF/validation-mapping-1.1.xsd
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/org/hibernate/validator/overview.html
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/META-INF/validation-configuration-2.0.xsd
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/META-INF/maven/org.hibernate.validator/hibernate-validator/pom.xml
* /opt/cola/permits/1110675267_1606843789.2/0/hibernate-validator-6-0-17-final-sources-4-jar/META-INF/validation-configuration-1.1.xsd

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1.34 pymongo 3.4.0

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1.44 jetty-jndi 9.3.9.v20160517

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1.45 transport-netty4-client 6.4.3

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 */
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }
}
public String getDescription() {
    return description;
}

public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefaultCloseOperation(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support copying from an input stream. OutputStreams that maintain their own byte buffer or similar may be able to optimize the copy instead of using the read/write into a temporary buffer that the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;

}

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1.50 jcip-annotation 1.0

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<p>
Class, field, and method level annotations for describing thread-safety policies.
</p>

<p>
Three class-level annotations describe the <em>intended</em> thread-safety promises of a class: <code>@Immutable</code>, <code>@ThreadSafe</code>, and <code>@NotThreadSafe</code>. 
<code>@Immutable</code> means that the class is immutable, and implies <code>@ThreadSafe</code>. 
<code>@NotThreadSafe</code> is optional; if a class is not annotated as thread-safe, it should be presumed not to be thread-safe, but if you want to make it extra clear, use <code>@NotThreadSafe</code>. 
</p>

<p>
These annotations are relatively unintrusive and are beneficial to both users and maintainers. Users can see immediately whether a class is thread-safe, and maintainers can see immediately whether thread-safety guarantees must be preserved. Annotations are also useful to a third constituency: tools. Static code-analysis tools may be able to verify that the code complies with the contract indicated by the annotation, such as verifying that a class annotated with <code>@Immutable</code> actually is immutable. 
</p>

<h2>Field and method annotations</h2>
The class-level annotations above are part of the public documentation for the class. Other aspects of a class's thread-safety strategy are entirely for maintainers and are not part of its public documentation.

Classes that use locking should document which state variables are guarded with which locks, and which locks are used to guard those variables. A common source of inadvertent non-thread-safety is when a thread-safe class consistently uses locking to guard its state, but is later modified to add either new state variables that are not adequately guarded by locking, or new methods that do not use locking properly to guard the existing state variables. Documenting which variables are guarded by which locks can help prevent both types of omissions.

The \texttt{@GuardedBy(lock)} annotation documents that a field or method should be accessed only with a specific lock held.

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* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/util/IdGenerator.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/serializer/support/SerializingConverter.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/PriorityOrdered.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/convert/support/StringToCurrencyConverter.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/annotation/SynthesizedAnnotation.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/annotation/AnnotationConfigurationException.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/type/AnnotatedTypeMetadata.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/convert/converter/ConditionalGenericConverter.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/convert/support/StringToCharsetConverter.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/serializer/support/SerializationDelegate.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/env/SystemEnvironmentPropertySource.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/convert/support/FallbackObjectToStringConverter.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/TypeMetadata.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/convert/support/IdGenerator.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/util/JdkIdGenerator.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/Ordered.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/SimpleIdGenerator.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/convert/support/IdGenerator.java

jar/org/springframework/core/serializer/support/DeserializingConverter.java
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* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5-1-4-release-sources-3-
jar/org/springframework/core/type/MethodMetadata.java
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jar/org/springframework/core/style/StylerUtils.java
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jar/org/springframework/core/task/SyncTaskExecutor.java
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jar/org/springframework/core/style/DefaultValueStyler.java
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jar/org/springframework/core/serializer/support/SerializationFailedException.java
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* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5-1-4-release-sources-3-jar/org/springframework/core/serializer/Deserializer.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5-1-4-release-sources-3-jar/org/springframework/core/codec/StringDecoder.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5-1-4-release-sources-3-jar/org/springframework/core/io/buffer/DataBufferFactory.java
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* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5-1-4-release-sources-3.jar/org/springframework/core/io/ResourceLoader.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5-1-4-release-sources-3.jar/org/springframework/core/io/support/PathMatchingResourcePatternResolver.java
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* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5-1-4-release-sources-3.jar/org/springframework/core/io/support/ResourceArrayPropertyEditor.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/util/ConcurrentReferenceHashMap.java
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* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/env/ConfigurableEnvironment.java
* /opt/cola/permits/1148131904_1638234342.68/0/spring-core-5.1.4-release-sources-3.jar/org/springframework/core/env/EnumerablePropertySource.java
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1.12.1/third_party/boringssl/crypto/evp/p_dsa_asn1.c
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1.12.1/third_party/boringssl/crypto/evp/print.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/include/openssl/err.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/err/err.c

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 */

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/pem/pem_all.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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  1.12.1/third_party/boringssl/third_party/googletest/samples/prime_tables.h
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  1.12.1/third_party/cares/cares/test/gmock-1.7.0/gtest/samples/prime_tables.h
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  1.12.1/third_party/boringssl/third_party/googletest/include/gtest/internal/gtest-tuple.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/third_party/googletest/include/gtest/internal/gtest-param-util-generated.h
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gpr/sync_windows.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/pollset_windows.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/resolve_address_posix.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/slice/b64.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gpr/tls_gcc.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/slice/b64.cc
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gpr/log_android.cc
1.12.1/src/core/ext/filters/client_channel/resolver/dns/c_ares/dns_resolver_ares.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-tar-gz/grpcpio-
  1.12.1/src/core/lib/iomgr/udp_server.cc
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  1.12.1/src/core/lib/surface/init.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-tar-gz/grpcpio-
  1.12.1/src/core/lib/transport/metadata_batch.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-tar-gz/grpcpio-
  1.12.1/include/grpc/support/sync_windows.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-tar-gz/grpcpio-
  1.12.1/src/core/lib/iomgr/socket_utils_posix.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-tar-gz/grpcpio-
  1.12.1/include/grpc/impl/codegen/port_platform.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-tar-gz/grpcpio-
  1.12.1/src/core/ext/transport/chttp2/transport/frame_rst_stream.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-tar-gz/grpcpio-
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  1.12.1/src/core/lib/security/credentials/credentials.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-tar-gz/grpcpio-
  1.12.1/src/core/lib/iomgr/socket_utils_posix.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/filters/client_channel/subchannel.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/ev_windows.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/include/grpc/grpc_impl/codegen/atm.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/include/grpc/grpc_impl/codegen/sync_windows.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/include/grpc/grpc_impl/codegen/sync_generic.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr(resolve_address.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/security/server_auth_filter.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/include/grpc/grpc_security.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/json/json_writer.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/include/grpc/grpc_byte_buffer_reader.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/transport/chttp2/transport/varint.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/http/format_request.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/transport/chttp2/transport/stream_map.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/tsi/transport_security_interface.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/include/grpc/grpc_security.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/security/transport/server_auth_filter.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gpr/env_windows.cc
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/http/httpcli.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/transport/chttp2/transport/frame_data.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/iomgr_posix.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/include/grpc/gprклеatomic.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/security/context/security_context.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/transport/connectivity_state.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/transport/chttp2/transport/frame_data.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/iomgr_posix.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/surface/call_test_only.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gpr/tls_pthread.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/ext/filters/client_channel/method_params.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/ext/transport/chttp2/transport/writing.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/ext/filters/client_channel/subchannel.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/surface/event_string.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/transport/metadata.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/timer_heap.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/include/grpc/support/port_platform.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/ev_epollsig_linux.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/slice/slice.cc
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/include/grpc/support/atm_gcc_sync.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gpr/support/api_trace.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gpr/log.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/executor.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/transport/timeout_encoding.cc
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-1-tar-gz/grpcio-1.12.1/src/core/lib/security/credentials/credentials.cc
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*/opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1.1-tar-gz/grpcio-1.12.1/src/core/lib/compression/compression_internal.cc
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*/opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1.1-tar-gz/grpcio-1.12.1/src/core/ext/transport/chttp2/transport/frame_goaway.h
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/decrepit/des/cfb64ede.c
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 * For conditions of distribution and use, see copyright notice in zlib.h
 */

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/zlib/gzguts.h
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/* zutil.h -- internal interface and configuration of the compression library
 * Copyright (C) 1995-2016 Jean-loup Gailly, Mark Adler
 * For conditions of distribution and use, see copyright notice in zlib.h
 */

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/zlib/zutil.h
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/cares/cares/config-win32.h
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/dsa/dsa_decrepit.c
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/test/test_util.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/fipsmodule/ec/util-64.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/tool/generate_ed25519.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/tool/rand.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/thread_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/nanopb/generator/nanopb_generator.py
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/boringssl/err_data.c
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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// +build amd64,!gccgo,!appengine 

// func cswap(inout *[5]uint64, v uint64) 
TEXT −cswap(SB),7,$0 
MOVQ inout+0(FP),DI 
MOVQ v+8(FP),SI 
CMPQ SI,$1 
MOVQ 0(DI),SI 
MOVQ 80(DI),DX 
MOVQ 8(DI),CX 
MOVQ 88(DI),R8 
MOVQ SI,R9 
CMOVQEQ DX,SI 
CMOVQEQ R9,DX 
MOVQ CX,R9
MOVQ 64(DI),SI
MOVQ 144(DI),DX
MOVQ 72(DI),CX
MOVQ 152(DI),R8
MOVQ SI,R9
CMOVQEQ DX,SI
CMOVQEQ R9,DX
MOVQ CX,R9
CMOVQEQ R8,CX
CMOVQEQ R9,R8
MOVQ SI,64(DI)
MOVQ DX,144(DI)
MOVQ CX,72(DI)
MOVQ R8,152(DI)
MOVQ DL,AX
MOVQ SI,DX
RET

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/cares/cares/ares_parse_ns_reply.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/cares/cares/ares_query.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/ares_parse_ptr_reply.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/ares_free_hostent.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/ares_getenv.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/ares_writev.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/ares_strcasecmp.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/ares_strcasecmp.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/ares__read_line.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/ares__close_sockets.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/ares_strerror.c

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/ssl/test/runner/curve25519/freeze_amd64.s
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1.12.1/third_party/boringssl/ssl/test/runner/poly1305/sum_amd64.s
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1.12.1/third_party/boringssl/ssl/test/runner/curve25519/ladderstep_amd64.s
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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    version 1.2.11, January 15th, 2017

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 */
/*** Signal that the call is cacheable. GRPC is free to use GET verb */

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/fipsmodule/cipher/e_aes.c

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 *
 * blast.c decompresses data compressed by the PKWare Compression Library.
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 *
 * This decompressor is based on the excellent format description provided by
 * Ben Rudiak-Gould in comp.compression on August 13, 2001. Interestingly, the
 * example Ben provided in the post is incorrect. The distance 110001 should
 * instead be 111000. When corrected, the example byte stream becomes:
 *
 * 00 04 82 24 25 8f 80 7f
 *
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-l-tar-gz/grpcio-1.12.1/third_party/boringssl/include/openssl/ex_data.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-l-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/fipsmodule/bn/gcd.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-l-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/fipsmodule/bn/prime.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-l-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/external.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-l-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/ex_data.c

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/ssl/d1_pkt.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/ssl/dtls_record.cc

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/third_party/googletest/scripts/common.py
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Version 1.1, February 14h, 2010
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/address_sorting/include/address_sorting/address_sorting.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/address_sorting/address_sorting.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/address_sorting/address_sorting_internal.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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 * version for AMD64 on Windows using Microsoft C compiler
 *
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* 2005 - Adaptation to Microsoft C Compiler for AMD64 by Gilles Vollant
* 
* inffas8664.c call function inffas8664fnc in inffasx64.asm
* inffasx64.asm is automatically convert from AMD64 portion of inffas86.c
* 
* Dec-29-2003 -- I added AMD64 inflate asm support. This version is also
* slightly quicker on x86 systems because, instead of using rep movsb to copy
* data, it uses rep movsw, which moves data in 2-byte chunks instead of single
* bytes. I've tested the AMD64 code on a Fedora Core 1 + the x86_64 updates
* from http://fedora.linux.duke.edu/fc1_x86_64
* which is running on an Athlon 64 3000+ / Gigabyte GA-K8VT800M system with
* 1GB ram. The 64-bit version is about 4% faster than the 32-bit version,
* when decompressing mozilla-source-1.3.tar.gz.
* 
* Mar-13-2003 -- Most of this is derived from inffast.S which is derived from
* the gcc -S output of zlib-1.2.0/inffast.c. Zlib-1.2.0 is in beta release at
* the moment. I have successfully compiled and tested this code with gcc2.96,
* gcc3.2, icc5.0, msvc6.0. It is very close to the speed of inffast.S
* compiled with gcc -DN0_MMX, but inffast.S is still faster on the P3 with MMX
* enabled. I will attempt to merge the MMX code into this version. Newer
* versions of this and inffast.S can be found at
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  1.12.1/third_party/zlib/contrib/infback9/inftree9.h
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// +build amd64,!gccgo,!appengine

// These constants cannot be encoded in non-MOVQ immediates.
// We access them directly from memory instead.

DATA -.121666_213(SB)/8, $996687872
GLOBL -.121666_213(SB), 8, $8

DATA -.2P0(SB)/8, $0xFFFFFFFFFFFFDA
GLOBL -.2P0(SB), 8, $8

DATA -.2P1234(SB)/8, $0xFFFFFFFFFFFFE
GLOBL -.2P1234(SB), 8, $8

Found in path(s):
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/ssl/test/runner/curve25519/const_amd64.s
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/* uncompr.c -- decompress a memory buffer
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 */

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/zlib/uncompr.c
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  1.12.1/third_party/boringssl/ssl/dtls_method.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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  1.12.1/third_party/boringssl/crypto/x509v3/v3_info.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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  1.12.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest_xmloutfile1_test_.cc
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  1.12.1/third_party/cares/cares/test/gmock-1.7.0/gtest/include/gtest/gtest-test-part.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/third_party/googletest/test/gtest_break_on_failure_unittest_.cc
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  1.12.1/third_party/cares/cares/test/gmock-1.7.0/test/gmock-generated-function-mockers_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/third_party/googletest/test/gtest-tuple_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/third_party/googletest/xcode/Samples/FrameworkSample/widget_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/third_party/googletest/src/gtest-filepath.cc
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1.12.1/third_party/boringssl/third_party/googletest/test/gtest-param-test_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest-death-test_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/test/gmock-1.7.0/gtest/test/gtest_prod_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/third_party/googletest/test/gtest-param-test2_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/test/gmock-1.7.0/include/gmock/internal/gmock-internal-utils.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/third_party/googletest/test/gtest_output_test_.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/third_party/googletest/test/gtest_throw_on_failure_test_.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/test/gmock-1.7.0/test/gmock-matchers_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/third_party/googletest/test/gtest_throw_on_failure_test_.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/third_party/googletest/test/gtest_coroutine_test.cc
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1.12.1/third_party/boringssl/third_party/googletest/test/gtest_filepath_test_.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/test/gmock-1.7.0/src/gmock-cardinalities.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/third_party/googletest/test/gtest-linked_ptr_.h
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/third_party/googletest/test/gtest_run_on_failure_test_.cc
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1.12.1/third_party/cares/cares/test/gmock-1.7.0/include/gmock/gmock-internal-utils.h
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1.12.1/third_party/cares/cares/test/gmock-1.7.0/include/gmock/gmock-more-matchers.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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1.12.1/third_party/boringssl/third_party/googletest/test/gtest_param_test2_test.cc
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1.12.1/third_party/cares/cares/test/gmock-1.7.0/include/gmock/gmock-matchers_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/test/gmock-1.7.0/include/gmock/gmock-cardinalities.h
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1.12.1/third_party/cares/cares/test/gmock-1.7.0/include/gmock/internal/gmock-internal-utils.h
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1.12.1/third_party/cares/cares/test/gmock-1.7.0/include/gmock/gmock-cardinalities.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/third_party/googletest/test/gtest-linked_ptr_.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/cares/cares/ares_parse_txt_reply.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/cares/cares/ares_parse_naptr_reply.c
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/asn1/time_support.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/pem/pem_x509.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/pem/pem_xaux.c
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/nameser.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/transport/inproc/inproc_transport.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/compression/stream_compression_gzip.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/compression/stream_compression_gzip.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/timer_manager.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/include/grpc/support/sync_custom.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/tis_epollexclusive_available.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gprpp/inlined_vector.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/hostname_sysconf.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/filters/client_channel/backup_poller.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/hostname.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/filters/max_age/max_age_filter.cc
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1.12.1/src/core/ext/filters/client_channel/lib_policy/grpclb/grpclb_client_stats.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/lib/security/transport/target_authority_table.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/grpcpp/abstract.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gprpp/abstract.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/lib/iomgr/lockfree_event.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/ext/transport/inproc/inproc_transport.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/lib/grpcpp/ref_counted.h

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1.12.1/third_party/cares/cares/test/gmock-1.7.0/scripts/generator/cpp/tokenize.py
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/test/gmock-1.7.0/scripts/generator/cpp/utils.py
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/cares/cares/test/gmock-1.7.0/scripts/generator/cpp/keywords.py
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/zlib/contrib/minizip/mztools.c

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Found in path(s):
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/fipsmodule/rsa/blinding.c
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part of the MiniZip project - (http://www.winimage.com/zLibDll/minizip.html)

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---------------------------------------------------------------------------
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---------------------------------------------------------------------------
Changes

See header of zip.h

*/

Found in path(s):
*/opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/zlib/contrib/minizip/zip.h
No license file was found, but licenses were detected in source scan.

/*
* puff.c
* Copyright (C) 2002-2013 Mark Adler
* For conditions of distribution and use, see copyright notice in puff.h
* version 2.3, 21 Jan 2013
*
* puff.c is a simple inflate written to be an unambiguous way to specify the
* deflate format. It is not written for speed but rather simplicity. As a
* side benefit, this code might actually be useful when small code is more
* important than speed, such as bootstrap applications. For typical deflate
* data, zlib's inflate() is about four times as fast as puff(). zlib's
* inflate compiles to around 20K on my machine, whereas puff.c compiles to
* around 4K on my machine (a PowerPC using GNU cc). If the faster decode()
* function here is used, then puff() is only twice as slow as zlib's
* inflate().
*
* All dynamically allocated memory comes from the stack. The stack required
* is less than 2K bytes. This code is compatible with 16-bit int's and
* assumes that long's are at least 32 bits. puff.c uses the short data type,
* assumed to be 16 bits, for arrays in order to conserve memory. The code
* works whether integers are stored big endian or little endian.
*
* In the comments below are "Format notes" that describe the inflate process
* and document some of the less obvious aspects of the format. This source
* code is meant to supplement RFC 1951, which formally describes the deflate
* format:
*
* http://www.zlib.org/rfc-deflate.html
*/

Found in path(s):
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/zlib/contrib/puff/puff.c
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Found in path(s):
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/cares/cares/ares.h
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/* infback.c -- inflate using a call-back interface
 * Copyright (C) 1995-2016 Mark Adler
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 */

Found in path(s):
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/zlib/infback.c
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Found in path(s):
* /opt/cola/permits/1160881901_1620412826.60/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/include/openssl/ec.h
* /opt/cola/permits/1160881901_1620412826.60/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/fipsmodule/ec/simple.c
* /opt/cola/permits/1160881901_1620412826.60/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/fipsmodule/ec/wnaf.c
* /opt/cola/permits/1160881901_1620412826.60/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/fipsmodule/ec/ec_key.c
* /opt/cola/permits/1160881901_1620412826.60/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/include/openssl/ec_key.h
* /opt/cola/permits/1160881901_1620412826.60/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/fipsmodule/ec/internal.h
* /opt/cola/permits/1160881901_1620412826.60/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/fipsmodule/ec/ec.c
* /opt/cola/permits/1160881901_1620412826.60/grpcio-1-12-1-1-tar-gz/grpcio-
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/* gzlib.c -- zlib functions common to reading and writing gzip files
 * Copyright (C) 2004-2017 Mark Adler
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 */

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# Subject: CN=GlobalSign Root CA O=GlobalSign nv-sa OU=Roo CA
# Label: "GlobalSign Root CA"
# Serial: 4835703278459707669005204
# SHA256 Fingerprint:

BEGIN CERTIFICATE-----

MIIDdTCCAl2gAwIBAgILBAAAAAABFUtaw5QwDQYJKoZIhvcNAQEFBQAwVzELEMakG
A1UEBhMCQkUxGTAXBgNVBAoTEEdsb2JhbFNpZ24gbTEddsb2JhbFNpZ24gbm9yc2V0
b3QgQ0ExGaZBGNVBAQMTQEBBgNVBAMTEkdsb2JhbFNpZ24gd29ybGQEBTACAQgUBG
A1UdDgQWBBRge2YaRQ2XyolQL30EzTSot/er9SzANBgkqhkiG9w0BAQUFAAOCQA

-----END CERTIFICATE-----

# Issuer: CN=GlobalSign O=GlobalSign Root CA - R2
# Subject: CN=GlobalSign Root CA - R2
# Label: "GlobalSign Root CA - R2"
# Serial: 4835703278459707669005204

BEGIN CERTIFICATE-----

MIIDujCCAqKgAwIBAgILBAAAABAD4Ym5g0wDQYJKoZIhvcNAQEFBQAwTDEgMB4G
A1UECzMR2x2vYoMFSU2lNhiBSb290IENBTC0gUjIxENCARGbNVBAoTCkxsb2JhbFNp
Z24xeZARBGNVBAQMTQEBgNVBAQ4xJjIwMjEwMjEwMjEwMjEwMjEwMjEwMjEwMjEw

-----END CERTIFICATE-----
Open Source Used In Data Center Network Manager 11 11.5(4) 919

# Issuer: CN=visa eCommerce Root O=VISA OU=VISA International Service Association
# Subject: CN=visa eCommerce Root O=VISA OU=VISA International Service Association
# Label: "Visa eCommerce Root"
# Serial: 25952180776285836048024890241505565794
# MD5 Fingerprint: fc:11:b8:d8:08:93:30:00:6d:23:f9:7e:eb:52:1e:02
# SHA256 Fingerprint:
-----BEGIN CERTIFICATE-----
MIIDojCCAgqgAwIBAgIQE4Y1TR0/BvLB+WFUIZAcYjANBgkqhkiG9w0BAQUFADBr
MQswCQYDVQQGEwJVUzENMAsGA1UEChMEVklTQTEvMC0GA1UECxMmVmlzYSBJbmnln
rcm5hdGlvmFsdIFNlcnZpY2UgQXNhZ2NpYXRpb24xMDEwMDAyMDQxMzQ3MDQ5Mjcu
bW1lc3MVIElSMBIBGh0dHA6Ly9yYXZpc2lvLmNvbS9uYXMvd3d3LnN0b3JpZC5jbi
ZG9iYW0gY29udGVudC1oaWNoLmFtcC5jbi5jb20tM2RiZjIzOTM0NGQxMjcyMDI1NzU+
-----END CERTIFICATE-----
# Issuer: CN=AAA Certificate Services O=Comodo CA Limited
# Subject: CN=AAA Certificate Services O=Comodo CA Limited
# Label: "Comodo AAA Services root"
# Serial: 1

-----BEGIN CERTIFICATE-----
MIIDojCCAgqgAwIBAgIQE4Y1TR0/BvLB+WFUIZAcYjANBgkqhkiG9w0BAQUFADBr
MQswCQYDVQQGEwJVUzENMAsGA1UEChMEVklTQTEvMC0GA1UECxMmVmlzYSBJbmnln
rcm5hdGlvmFsdIFNlcnZpY2UgQXNhZ2NpYXRpb24xMDEwMDAyMDQxMzQ3MDQ5Mjcu
bW1lc3MVIElSMBIBGh0dHA6Ly9yYXZpc2lvLmNvbS9uYXMvd3d3LnN0b3JpZC5jbi
ZG9iYW0gY29udGVudC1oaWNoLmFtcC5jbi5jb20tM2RiZjIzOTM0NGQxMjcyMDI1NzU+
-----END CERTIFICATE-----

---- BEGIN CERTIFICATE ----

... MD5 and SHA1 fingerprints...

---- END CERTIFICATE ----

Issuer: CN=QuoVadis Root Certification Authority O=QuoVadis Limited OU=Root Certification Authority
Subject: CN=QuoVadis Root Certification Authority O=QuoVadis Limited OU=Root Certification Authority
Label: "QuoVadis Root CA"
Serial: 985026699


---- BEGIN CERTIFICATE ----

... MD5 and SHA1 fingerprints...

---- END CERTIFICATE ----

Serial: 985026699

# Issuer: CN=DST Root CA X3 O=Digital Signature Trust Co.
# Subject: CN=DST Root CA X3 O=Digital Signature Trust Co.
# Label: "DST Root CA X3"
# Serial: 112997355753395553359192196695803778155
# SHA256 Fingerprint:
# Issuer: CN=SwissSign Gold CA - G2 O=SwissSign AG
# Subject: CN=SwissSign Gold CA - G2
# Label: "SwissSign Gold CA - G2"
# Serial: 112942815561806991280
# SHA256 Fingerprint:

---END CERTIFICATE---
MQswCQYDVQQGEwJDSDEVMBMGA1UEChMMU3dpc3NTaWduEFHMR8wHQYDVQQDExZT
d21zc11pZzg29sZCBDCQXa1EyMCICijANBgkgqkhkG9w0BAQEFAAOCAg8AMIIC
cGkKCAgEAr+TufoskDHmJuaVtfKQ7SkpJcyrhdJICEyqeZVZeCQDXJ1MQiyUq2/8
76fLQwbB8CEOio8oE+y+YoWACrJR8cGP4QJ7ku9iI/cVlywVcfDmJD909Vopq2zq5+f
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FGKQpUDeDJnOlIJcSACyLjQQzZG+cKqDz04embHV1jEpWpjEA/5ctg6ioMPMj
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gf93e2Cah+2koAvDrOPvG2Y40GiGqJ3UM/EY5LsRmd6+zZrsECwAEOAaOBrDCB
tQAoBGNVHQ8BAEA8flACMQQyJwDwYDvR0TArQH/BAuAwEBaBdGaBVHQ4EFgQUWyY7
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L3JlcG9zaXRvcnk=3dpc3NhWduLmXv88wDQYJKoZIhvcnFhCQDdgIBACe6
45R88a7A3hfm5djV9VSwg/S7zV4fE5WPhvxyedGdDgGw5C+5OGzcz0
UYrHGUHufU+PCgC9PhY9ZlZER40OE5IKJhn3g7gKZyBge9LgriBJWHMlxxzWiMA5a
01M/wySTVbptkuzzFWbs4AOPSeFsm34Me8A0MyOme6U01H76ycAvfCU2qT1Ls2CC
bwq7EsI5ycR4+5RtMfJ52S6K8RTGRI0vqbe/vd6mgGVuULftdx+F+uy
GPUqUfA5hJeVbGBmvwyEndGB5hJaAK9/fXt5z09QkvfswyxzechZldyU6oxJpma/a
77KwPj+BhBhJZXAVAUjEa3MVMSQH4xMyPDdEfiHFw0fN0+4FFQz+EfBFy6OCR
hdDjykcC24JdVYUgGeQ6q2ScpsGwyA1ShNqR88uClavVMVoMttqKAY20Elhidh3
92aqQmwwLOM7XdVAyksLkAzISNDVQTG1xTaXPZGXHnXQRFw0l00PKskxK4z2ZyEpp
Ld6leNcG2qmxS53O1ATlgHQv2ieY2BrNULvbbpqPcTC4H8jS1WctEORvFnu+w
ZMEBnUnkOjQyD/YYPlvBjQkuE4NPrb0yG5P7fWF6LjqiOvr1v+aAOCZB2+bh7
QC88sm4yWb02ybzOqR08kkkkWW8mv0FbB+j564ZJF
-----END CERTIFICATE-----

# Issuer: CN=SwissSign Silver CA - G2 O=SwissSign AG
# Subject: CN=SwissSign Silver CA - G2 O=SwissSign AG
# Label: "SwissSign Silver CA - G2"
# Serial: 5700383053117599563

-----BEGIN CERTIFICATE-----
Zum+4YOvYlyJ0fwkW2Gz4BERQRwdbvC4u/je4pG6pkjGnx29vo6pQT64l0OpGtSO
0gMdA+9tDWccV9eGrct1940r2Y1SASWC12juhhDCE/RRrvUGXLIXgZGbf2lzaoo
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BkgkrBGEEAYIFqEAI8h4EAEAMQTAHLBqNHVq8EBMCAcYwDwYhDRhO1TAQH/BAUwAEB
/zaAnBqNHVq4EFGqeqkJ2Fveo/E5fd53dr/IdMoB1q6w8hNAYDVR0lBc0wKzApCegoC
JYjyJaHR0cDovL2NybCS5ZW1nCM0vC0zdc5j2h0vUIRQ5S5cemwwEAYJkYwYBBAVGC
NxBABMCAcAQDvD7yKo/zhcNAQEFBQADggEBADDT0rHWDpscu1pqNlGKAUT7T3
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CDPy6a6LF+sEw9Dd+/-cYy2ieRDAwbO4H3tIo/NL/QPZL9GZGBISm8ijIKYYwava5vR
3ltHuuG51WQLqoDZwV4KMwabTW+MZMo5qX7SN5ShLHZ4swrhovO07cJfe=-----END CERTIFICATE-----

# Issuer: CN=Secure Global CA O=SecureTrust Corporation
# Subject: CN=Secure Global CA O=SecureTrust Corporation
# Label: "Secure Global CA"
# Serial: 9751836167731051554232119481456978597
-----BEGIN CERTIFICATE-----
MIIDvDCAcQgAwIBAgIYiqOjUioIIN9BRhE8PqgTANBgkgkqZiG9w90BAQUFADB
MQswCQYDVQQGEwJVUzEgMB4GA1UEChMXU2VjdXJlVHJ1c3QgQ29ycG9yYXRpb24
GMQswCQYDVQQGEwJVUzEgMB4GA1UEChMXU2VjdXJlVHJ1c3QgQ29ycG9yYXRpb24
GMQswCQYDVQQGEwJVUzEgMB4GA1UEChMXU2VjdXJlVHJ1c3QgQ29ycG9yYXRpb24
GMQswCQYDVQQGEwJVUzEgMB4GA1UEChMXU2VjdXJlVHJ1c3QgQ29ycG9yYXRpb24
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-----END CERTIFICATE-----

# Issuer: CN=COMODO Certification Authority O=COMODO CA Limited
Open Source Used In Data Center Network Manager 11 11.5(4) 936
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-----END CERTIFICATE-----
# Issuer: CN=NetLock Arany (Class Gold) Ftanstvny O=NetLock Kft. OU=Tanstvnykiadk (Certification Services)
# Subject: CN=NetLock Arany (Class Gold) Ftanstvny O=NetLock Kft. OU=Tanstvnykiadk (Certification Services)
# Label: "NetLock Arany (Class Gold) Ftanstvny"
# Serial: 80544274841616

---BEGIN CERTIFICATE-----
# SHA256 Fingerprint:

-----BEGIN CERTIFICATE-----

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# SHA1 Fingerprint:

-----END CERTIFICATE-----

# Issuer: CN=GlobalSign O=GlobalSign OU=GlobalSign Root CA - R3
# Subject: CN=GlobalSign O=GlobalSign OU=GlobalSign Root CA - R3
# Label: "GlobalSign Root CA - R3"
# Serial: 4835703278459759426209954
---BEGIN CERTIFICATE-----

---END CERTIFICATE-----
# Issuer: CN=AffirmTrust Commercial O=AffirmTrust

# Subject: CN=AffirmTrust Commercial O=AffirmTrust

# Label: "AffirmTrust Commercial"

# Serial: 8608355977964138876


# SHA256 Fingerprint:


-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----

# Issuer: CN=AffirmTrust Networking O=AffirmTrust

# Subject: CN=AffirmTrust Networking O=AffirmTrust

# Label: "AffirmTrust Networking"

# Serial: 8608355977964138876


# SHA256 Fingerprint:


-----BEGIN CERTIFICATE-----

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-----END CERTIFICATE-----
# Issuer: O=Trustis Limited OU=Trustis FPS Root CA
# Subject: O=Trustis Limited OU=Trustis FPS Root CA
# Label: "Trustis FPS Root CA"
# Serial: 3605364037399034304724988975563710553
# SHA256 Fingerprint:
-----BEGIN CERTIFICATE-----
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-----END CERTIFICATE-----

# Issuer: CN=Buypass Class 2 Root CA O=Buypass AS-983163327
# Subject: CN=Buypass Class 2 Root CA O=Buypass AS-983163327
# Label: "Buypass Class 2 Root CA"
# Serial: 2
# SHA256 Fingerprint:
-----BEGIN CERTIFICATE-----
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-----END CERTIFICATE-----
# Issuer: CN=EE Certification Centre Root CA O=AS Sertifitseerimiskeskus
# Subject: CN=EE Certification Centre Root CA O=AS Sertifitseerimiskeskus
# Label: "EE Certification Centre Root CA"
# Serial: 11234282867200291781926341888494945866
# SHA256 Fingerprint:

-----BEGIN CERTIFICATE-----
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-----END CERTIFICATE-----

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009 O=D-Trust GmbH
# Subject: CN=D-TRUST Root Class 3 CA 2 2009 O=D-Trust GmbH
# Label: "D-TRUST Root Class 3 CA 2009"
# Serial: 623603
# SHA1 Fingerprint: 58:e8:ab:b0:36:15:33:fb:80:f7:9b:1b:6d:29:d3:ff:8d:5f:00:ff:00
# SHA256 Fingerprint:

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Open Source Used in Data Center Network Manager 11 11.5(4) 966
Open Source Used In Data Center Network Manager 11 11.5(4) 967

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-----END CERTIFICATE-----

# Issuer: CN=D-TRUST Root Class 3 CA 2 2009 O=D-Trust GmbH
# Subject: CN=D-TRUST Root Class 3 CA 2009 O=D-Trust GmbH
# Label: "D-TRUST Root Class 3 2 2009"
# Serial: 623604
# MD5 Fingerprint: aa:63:2c:5e:05:4f:11:02:4f:b6

-----BEGIN CERTIFICATE-----
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-----END CERTIFICATE-----

# Issuer: CN=CA Disig Root R2 O=Disig a.s.
# Subject: CN=CA Disig Root R2 O=Disig a.s.
# Label: "CA Disig Root R2"
# Serial: 1057235060239338211
# SHA256 Fingerprint:
# Issuer: CN=ACCVRAIZ1 O=ACCV OU=PKIACCV
# Subject: CN=ACCVRAIZ1 O=ACCV OU=PKIACCV
# Label: "ACCVRAIZ1"

-----END CERTIFICATE-----

---BEGIN CERTIFICATE-----
MIIFODCCayCgAwIBAgIRegZsKAwDQYJKoZIhvcNAQEBBQADggYDVR0PBEwFAT1PBgNV
BAoJE+Tugra Certification Authority O=E-Tura EBG Biliim Teknolojileri ve Hizmetleri A.
OU=E-Tuga Sertifikasyon Merkezi

# Issuer: CN=E-Tugra Certification Authority O=E-Tura EBG Biliim Teknolojileri ve Hizmetleri A.. OU=E-Tuga Sertifikasyon Merkezi
# Subject: CN=E-Tugra Certification Authority O=E-Tura EBG Biliim Teknolojileri ve Hizmetleri A.. OU=E-Tuga Sertifikasyon Merkezi
# Label: "E-Tugra Certification Authority"
# Serial: 7667447206703254355

---END CERTIFICATE---
Open Source Used In Data Center Network Manager

# Issuer: CN=T-TeleSec GlobalRoot Class 2 O=T-Systems Enterprise Services GmbH OU=T-Systems Trust Center
# Subject: CN=T-TeleSec GlobalRoot Class 2 O=T-Systems Enterprise Services GmbH OU=T-Systems Trust Center
# Label: "T-TeleSec GlobalRoot Class 2"
# Serial: 1

--- END CERTIFICATE ---
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-----END CERTIFICATE-----

# Issuer: CN=DigiCert Global Root G3 O=DigiCert Inc OU=www.digicert.com
# Subject: CN=DigiCert Global Root G3 O=DigiCert Inc OU=www.digicert.com
# Label: "DigiCert Global Root G3"
# Serial: 70892446903029329176008333884364146

d-----BEGIN CERTIFICATE-----

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-----BEGIN CERTIFICATE-----

MIIFkDCCA3igAwIBAgIQBZsbV56OITMiQe9p3d1XDANBgkqhkiG9w0BAQwHDAg
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-----BEGIN CERTIFICATE-----

# Issuer: CN=DigiCert Trusted Root G4 O=DigiCert Inc OU=www.digicert.com
# Subject: CN=DigiCert Trusted Root G4 O=DigiCert Inc OU=www.digicert.com
# Label: "DigiCert Trusted Root G4"
# Serial: 74515005589773077793008469016614236

d-----BEGIN CERTIFICATE-----

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-----BEGIN CERTIFICATE-----

Open Source Used In Data Center Network Manager 11 11.5(4) 978
# Label: "SZAFIR ROOT CA2"
# Serial: 3570430347671869121777344587364337555829629
# SHA256 Fingerprint:
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------END CERTIFICATE------

# Issuer: CN=Certum Trusted Network CA 2 O=Unizeto Technologies S.A. OU=Certum Certification Authority
# Subject: CN=Certum Trusted Network CA 2 O=Unizeto Technologies S.A. OU=Certum Certification Authority
# Label: "Certum Trusted Network CA 2"
# Serial: 44979900172040383099463764357512596969
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-----END CERTIFICATE-----

# Issuer: CN=OpenTrust Root CA G2 O=OpenTrust
# Subject: CN=OpenTrust Root CA G2 O=OpenTrust
# Label: "OpenTrust Root CA G2"
# Serial: 149201244802470209698687798676935573415441

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# Issuer: CN=GDCA TrustAUTH R5 ROOT O=GUANG DONG CERTIFICATE AUTHORITY CO.,LTD.
# Subject: CN=GDCA TrustAUTH R5 ROOT O=GUANG DONG CERTIFICATE AUTHORITY CO.,LTD.
# Label: "GDCA TrustAUTH R5 ROOT"
# Serial: 9009899650740120186
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-----END CERTIFICATE-----

# Issuer: CN=SSL.com Root Certification Authority RSA O=SSL Corporation
# Subject: CN=SSL.com Root Certification Authority RSA O=SSL Corporation
# Label: "SSL.com Root Certification Authority RSA"
# Serial: 8875642966553810041
-----BEGIN CERTIFICATE-----
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Open Source Used In Data Center Network Manager 11

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/fipsmodule/modes/ofb.c
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This encryption code is a direct transcription of the algorithm from Roger Schlafly, described by Phil Katz in the file appnote.txt. This file (appnote.txt) is distributed with the PKZIP program (even in the version without encryption capabilities).

------------------------------------------------------------------------------------
Changes in unzip.c

2007-2008 - Even Rouault - Addition of cpl_unzGetCurrentFileZStreamPos
2007-2008 - Even Rouault - Decoration of symbol names unz* -> cpl_unz*
2007-2008 - Even Rouault - Remove old C style function prototypes
2007-2008 - Even Rouault - Add unzip support for ZIP64

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Oct-2009 - Mathias Svensson - Removed cpl_* from symbol names (Even Rouault added them but since this is now moved to a new project (minizip64) I renamed them again).
Oct-2009 - Mathias Svensson - Fixed problem if uncompressed size was > 4G and compressed size was <4G should only read the compressed/uncompressed size from the Zip64 format if the size from normal header was 0xFFFFFFFF
Oct-2009 - Mathias Svensson - Applied some bug fixes from patches received from Gilles Vollant
Oct-2009 - Mathias Svensson - Applied support to unzip files with compression method BZIP2 (bzip2 lib is required)

Patch created by Daniel Borca

Jan-2010 - back to unzip and minizip 1.0 name scheme, with compatibility layer

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/ssl_cipher.cc
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509/x509_obj.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/fipsmodule/bn/shift.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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1.12.1/third_party/boringssl/crypto/x509/x509_r2x.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/asn1/f_enum.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/ssl/tls_method.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/include/openssl/rsa.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/x509/x509_d2.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/x509/x_req.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/bio/printf.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/conf/conf.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/rc4/rc4.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/bio/buf/buf.c
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1.12.1/third_party/boringssl/decrepit/cast/cast_tables.c
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/decrepit/ssl/ssl_decrepit.c

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  1.12.1/third_party/boringssl/crypto/evp/evp_test.cc
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/* IP-address/hostname to country converter.
* Problem; you want to know where IP a.b.c.d is located.
* Use ares_gethostbyname ("d.c.b.a.zz.countries.nerd.dk")
* and get the CNAME (host->h_name). Result will be:
* CNAME = zz<CC>.countries.nerd.dk with address 127.0.x.y (ver 1) or
* CNAME = <a.b.c.d>.zz.countries.nerd.dk with address 127.0.x.y (ver 2)
* The 2 letter country code is in <CC> and the ISO-3166 country
* number is in x.y (number = x*256 + y). Version 2 of the protocol is missing
* the <CC> number.
* Ref: http://countries.nerd.dk/more.html
* Written by G. Vanem <gvanem@yahoo.no> 2006, 2007
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*/opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/filters/http/client/http_client_filter.cc
  * /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/filters/http/client/http_client_filter.h
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1.12.1/third_party/boringssl/crypto/dsa/dsa_test.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/include/openssl/dsa.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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/* Only resume if the session's version matches the negotiated
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  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/err/err_test.cc
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/rand_extra/windows.c
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/ssl/test/test_config.cc
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/base64/base64_test.cc
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/fipsmodule/rand/urandom.c
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/cipher_extra/e_chacha20poly1305.c
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/include/openssl/safestack.h
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/include/openssl/hkdf.h
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/lhash/lhash_test.cc
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/crypto.c
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/pkcs8/pkcs12_test.cc
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/ssl/test/packeted_bio.h
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/fipsmodule/cipher/aead.c
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/bio/socket_helper.c
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/boringssl/crypto/bytestring/ber.c
  */opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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  1.12.1/third_party/boringssl/crypto/fipsmodule/bn/ctx.c
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/* gun.c -- simple gunzip to give an example of the use of inflateBack()
 * For conditions of distribution and use, see copyright notice in zlib.h
 * Version 1.7 12 August 2012 Mark Adler */

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
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  1.12.1/third_party/cares/cares/ares_cancel.c
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509v3/v3_ncons.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509v3/v3_pmaps.c
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  1.12.1/third_party/boringssl/include/openssl/tls1.h
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 */

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/zlib/zutil.c
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/gpr/mpscq.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/include/grpc/grpc_impl/codegen/propagation_bits.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/ext/filters/load_reporting/server_load_reporting_plugin.h
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/* crc32.c -- compute the CRC-32 of a data stream
 * For conditions of distribution and use, see copyright notice in zlib.h
 * 
 * Thanks to Rodney Brown <rbrown64@csc.com.au> for his contribution of faster
 * CRC methods: exclusive-oring 32 bits of data at a time, and pre-computing
 * tables for updating the shift register in one step with three exclusive-ors
 * instead of four steps with four exclusive-ors. This results in about a
 * factor of two increase in speed on a Power PC G4 (PPC7455) using gcc -O3.
 */

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1/third_party/boringssl/util/generate-asm-lcov.py
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1.12.1/third_party/boringssl/util/generate_build_files.py
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/* infcover.c -- test zlib's inflate routines with full code coverage
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Metadata-Version: 1.1
Name: grpcio
Version: 1.12.1
Summary: HTTP/2-based RPC framework
Home-page: https://grpc.io
Author: The gRPC Authors
Author-email: grpc-io@googlegroups.com
License: Apache License 2.0
Description-Content-Type: UNKNOWN
Description: gRPC Python

Package for gRPC Python.
Installation
-------------

gRPC Python is available for Linux, macOS, and Windows.

From PyPI
~~~~~~~~~~

If you are installing locally...

::

   $ pip install grpcio

Else system wide (on Ubuntu)...

::

   $ sudo pip install grpcio

If you're on Windows make sure that you installed the :code:`pip.exe` component when you installed Python (if not go back and install it!) then invoke:

::

   $ pip.exe install grpcio

Windows users may need to invoke :code:`pip.exe` from a command line ran as administrator.

n.b. On Windows and on Mac OS X one *must* have a recent release of :code:`pip` to retrieve the proper wheel from PyPI. Be sure to upgrade to the latest version!

From Source
~~~~~~~~~~

Building from source requires that you have the Python headers (usually a package named :code:`python-dev`).

::

   $ export REPO_ROOT=grpc  # REPO_ROOT can be any directory of your choice
   $ cd $REPO_ROOT
   $ git submodule update --init
# For the next two commands do `sudo pip install` if you get permission-denied errors
$ pip install -requirements.txt
$ GRPC_PYTHON_BUILD_WITH_CYTHON=1 pip install .

You cannot currently install Python from source on Windows. Things might work out for you in MSYS2 (follow the Linux instructions), but it isn't officially supported at the moment.

Troubleshooting
~~~~~~~~~~~~~~

Help, I ...

* **... see a**:code:`pkg_resources.VersionConflict` **when I try to install grpc**

This is likely because :code:`pip` doesn't own the offending dependency, which in turn is likely because your operating system's package manager owns it. You'll need to force the installation of the dependency:

:code:`pip install --ignore-installed $OFFENDING_DEPENDENCY`

For example, if you get an error like the following:

```
::

Traceback (most recent call last):
  File "<string>", line 17, in <module>
...
  File "/usr/lib/python2.7/dist-packages/pkg_resources.py", line 509, in find
    raise VersionConflict(dist, req)
pkg_resources.VersionConflict: (six 1.8.0 (/usr/lib/python2.7/dist-packages), Requirement.parse('six>=1.10'))
```

You can fix it by doing:

```
::

  sudo pip install --ignore-installed six
```

* **... see the following error on some platforms**

```
::

tmp/pip-build-U8pSsr/cython/Cython/Plex/Scanners.c:4:20: fatal error: Python.h: No such file or directory
#include "Python.h"
^
compilation terminated.
```
You can fix it by installing `python-dev` package. i.e

```
sudo apt-get install python-dev
```

Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
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/* gzjoin -- command to join gzip files into one gzip file

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/* gzappend -- command to append to a gzip file

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509v3/v3_purp.c
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  1.12.1/third_party/boringssl/crypto/fipsmodule/ec/p256-x86_64.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/fipsmodule/ec/p256-x86_64.h

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/src/core/lib/iomgr/pollset.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/src/core/tsi/ssl/session_cache/ssl_session_boringssl.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/src/core/tsi/alts/frame_protector/frame_handler.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/src/core/tsi/alts/frame_protector/alt_protocot_crypter_common.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/src/core/lib/security/credentials/alts/check_gcp_environment_linux.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/src/core/lib/security/credentials/alts/grpc_alts_credentials_options.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/src/core/tsi/handshaker/alt_tsi_handshaker.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/src/core/lib/security/credentials/alts/grpc_alts_credentials_server_options.cc
1.12.1/src/core/tsi/alts/frame_protector/alts_counter.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/lib/security/credentials/alts/grpc_alts_credentials_client_options.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/tsi/alts/zero_copy_frame_protector/alts_grpc_record_protocol.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/lib/iomgr/pollset_set_custom.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/tsi/alts/zero_copy_frame_protector/alts_zero_copy_grpc_protector.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/tsi/alts/handshaker/alts_handshaker_service_api.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/lib/iomgr/iomgr_custom.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/lib/security/credentials/alts/alts_credentials.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/lib/iomgr/tcp_server_custom.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/ext/transport/chttp2/client/authority.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/tsi/alts/crypt/aes_gcm.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/tsi/alts/handshaker/alts_tsi_handshaker_private.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/ext/transport/chttp2/client/authority.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/tsi/alts/frame_protector/frame_handler.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/src/core/tsi/alts/crypt/aes_gcm.cc
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
---
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 */

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  1.12.1/third_party/boringssl/crypto/x509v3/pcy_lib.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509v3/pcy_cache.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/x509v3/pcy_node.c
*/opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
1.12.1/third_party/boringssl/crypto/x509/x509_vpm.c
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1.12.1/third_party/cares/cares/bitncmp.h
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  1.12.1/third_party/boringssl/crypto/evp/p_ec_asn1.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509/rsa_pss.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/evp/p_rsa_asn1.c

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  1.12.1/third_party/boringssl/ssl/internal.h
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/include/openssl/ssl.h
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/* zran.c -- example of zlib/gzip stream indexing and random access
* Copyright (C) 2005, 2012 Mark Adler
* For conditions of distribution and use, see copyright notice in zlib.h
  Version 1.1 29 Sep 2012  Mark Adler */
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/* gzread.c -- zlib functions for reading gzip files
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  1.12.1/third_party/boringssl/crypto/x509/x_x509a.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509v3/v3_extku.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509v3/v3_prn.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509v3/v3_akey.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/pkcs8/pkcs8.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509v3/v3_enum.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509v3/v3_skey.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509/x509_trs.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-
  1.12.1/third_party/boringssl/crypto/x509/x509spki.c
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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/zlib/adler32.c
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 * version 2.3, 21 Jan 2013
 */

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 */

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* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-1-1-tar-gz/grpcio-1.12.1/third_party/cares/cares/ares_nowarn.h

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  1.12.1/third_party/boringssl/crypto/dsa/dsa_asn1.c
* /opt/cola/permits/1160881901_1620412826.6/0/grpcio-1-12-11-tar-gz/grpcio-
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1.12.1/third_party/boringssl/crypto/ecdsa_extra/ecdsa_asn1.c
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/* fitblk.c: example of fitting compressed output to a specified size 

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/* inffas86.c is a hand tuned assembler version of
 *
 * inffast.c -- fast decoding
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*
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*
* Dec-29-2003 -- I added AMD64 inflate asm support. This version is also
* slightly quicker on x86 systems because, instead of using rep movsb to copy
* data, it uses rep movsw, which moves data in 2-byte chunks instead of single
* bytes. I've tested the AMD64 code on a Fedora Core 1 + the x86_64 updates
* from http://fedora.linux.duke.edu/fc1_x86_64
* which is running on an Athlon 64 3000+ / Gigabyte GA-K8VT800M system with
* 1GB ram. The 64-bit version is about 4% faster than the 32-bit version,
* when decompressing mozilla-source-1.3.tar.gz.
*
* Mar-13-2003 -- Most of this is derived from inffast.S which is derived from
* the gcc -S output of zlib-1.2.0/inffast.c. Zlib-1.2.0 is in beta release at
* the moment. I have successfully compiled and tested this code with gcc2.96,
* gcc3.2, icc5.0, msvc6.0. It is very close to the speed of inffast.S
* compiled with gcc -DNO_MMX, but inffast.S is still faster on the P3 with MMX
* enabled. I will attempt to merge the MMX code into this version. Newer
* versions of this and inffast.S can be found at
* http://www.eetbeetee.com/zlib/ and http://www.charm.net/~christop/zlib/
*/

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  1.12.1/third_party/zlib/contrib/inflate86/inffas86.c

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  1.12.1/third_party/cares/cares/ares_library_init.c
1.53 apache-felix-bundlerepository 1.6.2

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1.59 classmate 1.4.0

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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1.60 urllib3 1.25.11

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# Contributions to the urllib3 project

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## Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)
* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions
* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
* Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

  * tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
  * App Engine environment tests.
  * Documentation re-write.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.
* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from ```HTTPResponse.stream()```.
  * Bugfix for ```ConnectionPool.urlopen(release_conn=False)```.
  * Creation of ```HTTPConnectionPool.ResponseCls```.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
* Ensure timeouts are not booleans and greater than zero.
* Fixed infinite loop in `stream` when amt=None.
* Added length_remaining to determine remaining data to be read.
* Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaelarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vending

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
  * Fix `util.selectors._fileobj_to_fd` to accept `long`.
  * Update appveyor tox setup to use the 64bit python.

* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite

* Will Bond <will@wbond.net>
  * Add Python 2.6 support to `contrib.securetransport` 

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy
* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add `HTTPResponse.geturl` method to provide `urllib2.urlopen().geturl()` behavior

* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
  * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
  * Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
  * Remove Authorization header regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
  * Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
  * Remove a spurious TypeError from the exception chain inside HTTPConnectionPool._make_request(), also for BaseExceptions.

* Jorge Lopez Silva <https://github.com/jalopezsilva>
  * Added support for forwarding requests through HTTPS proxies.

* Benno Rice <benno@jeamland.net>
  * Allow cadata parameter to be passed to underlying `SSLContext.load_verify_locations()`.

* Keiichi Kobayashi <abok.1k@gmail.com>
  * Rename VerifiedHTTPSConnection to HTTPSConnection

* Himanshu Garg <garg_himanshu@outlook.com>
  * DOC & LICENSE Update

* Hod Bin Noon <bin.noon.hod@gmail.com>
  * Test improvements

* Chris Olufson <tycarac@gmail.com>
  * Fix for connection not being released on HTTP redirect and response not preloaded

* [Bastiaan Bakker] <https://github.com/bastiaanb>
  * Support for logging session keys via environment variable `SSLKEYLOGFILE` (Python 3.8+)

* [Your name or handle] <[email or website]>
**1.61 elasticsearch-x-content 6.8.5**

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1.62 socket.io-client 0.7.2

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* /opt/cola/permits/1003070137_1646171685.53/0/agroal-pool-1-1-sources-jar/io/agroal/pool/wrapper/StatementWrapper.java
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1.72 libgsf 1.14.26 7.el7

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--
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bzip2/libbzip2 version 1.0.2 of 30 December 2001

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usage: minizb2 [-d] [-{1,2...9}] [[srcfilename] destfilename]

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1.94 hibernate-envers 5.3.6.Final

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therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
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Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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than the cost of performing this distribution.

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from a designated place, offer equivalent access to copy the above
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Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
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* org.eclipse.jetty.orbit:javax.security.auth.message

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* javax.servlet:javax.servlet-api  
* javax.annotation:javax.annotation-api  
* javax.transaction:javax.transaction-api  
* javax.websocket:javax.websocket-api

-----
Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPLv2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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1.101 yum 3.4.3 163.el7.centos
1.101.1 Available under license:

diff --git a/yum/update_md.py b/yum/update_md.py
--- a/yum/update_md.py 2015-01-19 07:44:35.567107008 -0500
@@ -398,6 +399,9 @@ class UpdateMetadata(object):
    except Errors.RepoMDError:
        continue # No metadata found for this repo

+    self.arch_storage = ArchStorage()
+    self.archlist = self.arch_storage.archlist
+
    def get_notices(self, name=None):
        """Return all notices."
        if name is None:
@@ -434,16 +438,29 @@ class UpdateMetadata(object):
            arch = oldpkgtup[1]
            ret = []
+            other_arch_list = []
+            notices = set()
+            for notice in self.get_notices(name):
+                for upkg in notice['pkglist']:
+                    other_arch = False
+                    if pkg['name'] != name or pkg['arch'] != arch:
+                        continue
+                        if (notice not in notices and pkg['name'] == name and pkg['arch'] in self.archlist):
+                            other_arch = True
+                        else:
+                            continue
+                    pkgtup = (pkg['name'], pkg['arch'], pkg['epoch'] or '0',
                    pkg['version'], pkg['release'])
                    if _rpm_tup_vercmp(pkgtup, oldpkgtup) <= 0:
                        continue
-                    ret.append((pkgtup, notice))
+                    if other_arch:
+                        other_arch_list.append((pkgtup, notice))
+                    else:
+                        ret.append((pkgtup, notice))
                notices.add(notice)
+            for pkgtup, notice in other_arch_list:
+                if notice not in notices:
+                    ret.append((pkgtup, notice))
+            ret.sort(cmp=_rpm_tup_vercmp, key=lambda x: x[0], reverse=True)
        return ret
import logginglevels
import rpmUtils.miscutils
+from rpmUtils.arch import ArchStorage

def safe_iterparse(filename, logger=None):

diff -up yum-3.4.3/yum/update_md.py.org yum-3.4.3/yum/update_md.py
--- yum-3.4.3/yum/update_md.py.org 2017-01-24 18:55:03.529842775 +0100
@@ -58,7 +58,7 @@ class UpdateNotice(object):
         A single update notice (for instance, a security fix).
         
-    def __init__(self, elem=None):
+    def __init__(self, elem=None, repoid=None, vlogger=None):

        self._md = {
            'from' : '',
            'type' : '',
@@ -83,6 +83,9 @@ class UpdateNotice(object):

        if elem:
            self._parse(elem)

+        self._repoid = repoid
+        self._vlogger = vlogger
+
+    def __getitem__(self, item):
+        """ Allows scriptable metadata access (ie: un['update_id']). """
+        if type(item) is int:
+            return un[item]
+        else:
+            return '<unknown>'
+
+    def _rid(un):
+        if hasattr(un, '_repoid') and un._repoid is not None:
+            return un._repoid
+        else:
+            return '<unknown>'
+
+    def _log_failure(data):
+        """Log the mismatched data similarly to conflict markers in git."""
+        if self._vlogger is None:
+            return
+        msg = `_('Duplicate of %s differs in some fields:
         
         %s
         
         %(_rid(other), data)
msg += 'r
%r
' % (other._md[data], self._md[data])
msg += 'r
%r
' % (_rid(self), data)

# --verbose mode enables this
self._vlogger.log(logginglevels.DEBUG_3, msg)

if not other or not hasattr(other, '_md'):
    return False

@@ -113,6 +134,7 @@ class UpdateNotice(object):
    if data == 'status':  # FIXME: See below...
        continue
    if self._md[data] != other._md[data]:
+        _log_failure(data)
    return False

    # FIXME: Massive hack, Fedora is really broken and gives status=stable
    # and status=testing for updateinfo notices, just depending on which
@@ -120,8 +142,10 @@ class UpdateNotice(object):
    data = 'status'
    if self._md[data] != other._md[data]:
        if self._md[data] not in ('stable', 'testing'):
+            _log_failure(data)
        return False
    if other._md[data] not in ('stable', 'testing'):
+        _log_failure(data)
        return False

    # They are both really "stable" ...
    self._md[data] = 'stable'
@@ -574,7 +598,7 @@ class UpdateMetadata(object):
        try:
            -        un = UpdateNotice(elem)
+        un = UpdateNotice(elem, repoid, self._vlogger)
        except UpdateNoticeException, e:
            msg = _("An update notice%s is broken, skipping.") % _rid(repoid)
            if self._vlogger:
@@ -587,6 +611,8 @@ class UpdateMetadata(object):
                msg += _('
If you are the owner, consider re-running the same command with --verbose to see the '  
                        'exact data that caused the conflict.')
                have_dup = True
                if self._vlogger:
                    self._vlogger.warn("%s", msg)
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1.111 batik-ext 1.7
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*/
package org.apache.batik.ext.awt.image.codec.util;

import java.awt.Point;
import java.awt.Rectangle;
import java.awt.image.ColorModel;
import java.awt.image.Raster;
import java.awt.image.RenderedImage;
import java.awt.image.SampleModel;
import java.awt.image.WritableRaster;

import java.util.Vector;
import java.util.List;
import java.util.ArrayList;
import java.util.Map;
import java.util.HashMap;

/**
 * A simple class implemented the <code>RenderedImage</code>
 * interface. Only the <code>getTile()</code> method needs to be
 * implemented by subclasses. The instance variables must also be
 * filled in properly.
 * *
 * <p> Normally in JAI <code>PlanarImage</code> is used for this
 * purpose, but in the interest of modularity the
 * use of <code>PlanarImage</code> has been avoided.
 * *
 * @version $Id: SimpleRenderedImage.java 498747 2007-01-22 18:56:19Z dvholten $
 */
public abstract class SimpleRenderedImage implements RenderedImage {

    /** The X coordinate of the image's upper-left pixel. */
    protected int minX;

    /** The Y coordinate of the image's upper-left pixel. */
    protected int minY;

    /** The image's width in pixels. */
    protected int width;

    /** The image's height in pixels. */
    protected int height;

    /** The width of a tile. */
    protected int tileWidth;

    /** The height of a tile. */
    protected int tileHeight;
/** The X coordinate of the upper-left pixel of tile (0, 0). */
protected int tileGridXOffset = 0;

/** The Y coordinate of the upper-left pixel of tile (0, 0). */
protected int tileGridYOffset = 0;

/** The image's SampleModel. */
protected SampleModel sampleModel = null;

/** The image's ColorModel. */
protected ColorModel colorModel = null;

/** The image's sources, stored in a Vector. */
protected List sources = new ArrayList();

/** A Hashtable containing the image properties. */
protected Map properties = new HashMap();

public SimpleRenderedImage() {}
/** Returns the width of the image. */
public int getWidth() {
    return width;
}

/** Returns the height of the image. */
public int getHeight() {
    return height;
}

/** Returns a Rectangle indicating the image bounds. */
public Rectangle getBounds() {
    return new Rectangle(getMinX(), getMinY(),
                          getWidth(), getHeight());
}

/** Returns the width of a tile. */
public int getTileWidth() {
    return tileWidth;
}

/** Returns the height of a tile. */
public int getTileHeight() {
    return tileHeight;
}

/**
 * Returns the X coordinate of the upper-left pixel of tile (0, 0).
 */
public int getTileGridXOffset() {
    return tileGridXOffset;
}

/**
 * Returns the Y coordinate of the upper-left pixel of tile (0, 0).
 */
public int getTileGridYOffset() {
    return tileGridYOffset;
}

/**
 * Returns the horizontal index of the leftmost column of tiles.
 * getMinTileX() is implemented in terms of getMinX()
 * and so does not need to be implemented by subclasses.
 */
public int getMinTileX() {
return XToTileX(getMinX());
}

/**
 * Returns the horizontal index of the rightmost column of tiles.
 * getMaxTileX() is implemented in terms of getMaxX()
 * and so does not need to be implemented by subclasses.
 */
public int getMaxTileX() {
    return XToTileX(getMaxX() - 1);
}

/**
 * Returns the number of tiles along the tile grid in the
 * horizontal direction. getNumXTiles() is implemented in terms
 * of getMinTileX() and getMaxTileX() and so does not need to be
 * implemented by subclasses.
 */
public int getNumXTiles() {
    return getMaxTileX() - getMinTileX() + 1;
}

/**
 * Returns the vertical index of the uppermost row of tiles. getMinTileY()
 * is implemented in terms of getMinY() and so does not need to be
 * implemented by subclasses.
 */
public int getMinTileY() {
    return YToTileY(getMinY());
}

/**
 * Returns the vertical index of the bottom row of tiles. getMaxTileY()
 * is implemented in terms of getMaxY() and so does not need to
 * be implemented by subclasses.
 */
public int getMaxTileY() {
    return YToTileY(getMaxY() - 1);
}

/**
 * Returns the number of tiles along the tile grid in the vertical
 * direction. getNumYTiles() is implemented in terms
 * of getMinTileY() and getMaxTileY() and so does not need to be
 * implemented by subclasses.
 */
public int getNumYTiles() {
    return getMaxTileY() - getMinTileY() + 1;
```java
/**
 * Returns the SampleModel of the image. */
public SampleModel getSampleModel() {
    return sampleModel;
}

/**
 * Returns the ColorModel of the image. */
public ColorModel getColorModel() {
    return colorModel;
}

/**
 * Gets a property from the property set of this image. If the
 * property name is not recognized, <code>null</code> will be returned.
 *
 * @param name the name of the property to get, as a
 * <code>String</code>.
 * @return a reference to the property
 * <code>Object</code>, or the value <code>null</code>.
 */
public Object getProperty(String name) {
    name = name.toLowerCase();
    return properties.get(name);
}

/**
 * Returns a list of the properties recognized by this image. If
 * no properties are available, an empty String[] will be returned.
 *
 * @return an array of <code>String</code>s representing valid
 * property names.
 */
public String[] getPropertyNames() {
    String[] names = new String[properties.size()];
    //        int index = 0;
    //        Enumeration e = properties.keys();
    //        while (e.hasMoreElements()) {
    //            String name = (String)e.nextElement();
    //            names[index++] = name;
    //        }
    properties.keySet().toArray(names);
    return names;
}

/**
 * Returns an array of <code>String</code>s recognized as names by
```
this property source that begin with the supplied prefix. If
no property names match, \texttt{null} will be returned.
The comparison is done in a case-independent manner.

\*\*\*\*
\* The default implementation calls
\* \texttt{getPropertyNames()} and searches the list of names
\* for matches.
\*\*\*\*
\* @return an array of \texttt{String}s giving the valid
\* property names (can be null).
\*/

```java
public String[] getPropertyNames(String prefix) {
    String[] propertyNames = getPropertyNames();
    if (propertyNames == null) {
        return null;
    }
    prefix = prefix.toLowerCase();

    List names = new ArrayList();
    for (int i = 0; i < propertyNames.length; i++) {
        if (propertyNames[i].startsWith(prefix)) {
            names.add(propertyNames[i]);
        }
    }
    if (names.size() == 0) {
        return null;
    }

    // Copy the strings from the Vector over to a String array.
    String[] prefixNames = new String[names.size()];
    int count = 0;
    for (Iterator it = names.iterator(); it.hasNext(); ) { // todo xx.toArray()
        prefixNames[count++] = (String)it.next();
    }
    names.toArray( prefixNames );

    return prefixNames;
}
```

// Utility methods.

```java
/**
 * Converts a pixel’s X coordinate into a horizontal tile index
 * relative to a given tile grid layout specified by its X offset
 * and tile width.
 */
```
public static int XToTileX(int x, int tileGridXOffset, int tileWidth) {
    x -= tileGridXOffset;
    if (x < 0) {
        x += 1 - tileWidth; // Force round to -infinity
    }
    return x/tileWidth;
}

public static int YToTileY(int y, int tileGridYOffset, int tileHeight) {
    y -= tileGridYOffset;
    if (y < 0) {
        y += 1 - tileHeight; // Force round to -infinity
    }
    return y/tileHeight;
}

public int XToTileX(int x) {
    return XToTileX(x, getTileGridXOffset(), getTileWidth());
}

public int YToTileY(int y) {
    return YToTileY(y, getTileGridYOffset(), getTileHeight());
}

*/
* Converts a pixel's Y coordinate into a vertical tile index
* relative to a given tile grid layout specified by its Y offset
* and tile height.
*/
public static int YToTileY(int y, int tileGridYOffset, int tileHeight) {
    y -= tileGridYOffset;
    if (y < 0) {
        y += 1 - tileHeight; // Force round to -infinity
    }
    return y/tileHeight;
}

/**
* Converts a pixel's X coordinate into a horizontal tile index.
* This is a convenience method. No attempt is made to detect
* out-of-range coordinates.
* @param x the X coordinate of a pixel.
* @return the X index of the tile containing the pixel.
*/
public int XToTileX(int x) {
    return XToTileX(x, getTileGridXOffset(), getTileWidth());
}

/**
* Converts a pixel's Y coordinate into a vertical tile index.
* This is a convenience method. No attempt is made to detect
* out-of-range coordinates.
* @param y the Y coordinate of a pixel.
* @return the Y index of the tile containing the pixel.
*/
public int YToTileY(int y) {
    return YToTileY(y, getTileGridYOffset(), getTileHeight());
}

/**
* Converts a horizontal tile index into the X coordinate of its
* upper left pixel relative to a given tile grid layout specified
* by its X offset and tile width.
*/

public static int tileXToX(int tx, int tileGridXOffset, int tileWidth) {
    return tx*tileWidth + tileGridXOffset;
}

/**
 * Converts a vertical tile index into the Y coordinate of
 * its upper left pixel relative to a given tile grid layout
 * specified by its Y offset and tile height.
 */

public static int tileYToY(int ty, int tileGridYOffset, int tileHeight) {
    return ty*tileHeight + tileGridYOffset;
}

/**
 * Converts a horizontal tile index into the X coordinate of its
 * upper left pixel. This is a convenience method. No attempt is made
 * to detect out-of-range indices.
 *
 * @param tx the horizontal index of a tile.
 * @return the X coordinate of the tile's upper left pixel.
 */

public int tileXToX(int tx) {
    return tx*tileWidth + tileGridXOffset;
}

/**
 * Converts a vertical tile index into the Y coordinate of its
 * upper left pixel. This is a convenience method. No attempt is made
 * to detect out-of-range indices.
 *
 * @param ty the vertical index of a tile.
 * @return the Y coordinate of the tile's upper left pixel.
 */

public int tileYToY(int ty) {
    return ty*tileHeight + tileGridYOffset;
}

public Vector getSources() {
    return null;
}

/**
 * Returns the entire image in a single Raster. For images with
 * multiple tiles this will require making a copy.
 */
* The returned Raster is semantically a copy. This means that updates to the source image will not be reflected in the returned Raster. For non-writable (immutable) source images, the returned value may be a reference to the image's internal data. The returned Raster should be considered non-writable; any attempt to alter its pixel data (such as by casting it to WritableRaster or obtaining and modifying its DataBuffer) may result in undefined behavior. The copyData method should be used if the returned Raster is to be modified.

* @return a Raster containing a copy of this image's data.

public Raster getData() {
    Rectangle rect = new Rectangle(getMinX(), getMinY(),
        getWidth(), getHeight());
    return getData(rect);
}

/**
 * Returns an arbitrary rectangular region of the RenderedImage in a Raster. The rectangle of interest will be clipped against the image bounds.
 *
 * The returned Raster is semantically a copy. This means that updates to the source image will not be reflected in the returned Raster. For non-writable (immutable) source images, the returned value may be a reference to the image's internal data. The returned Raster should be considered non-writable; any attempt to alter its pixel data (such as by casting it to WritableRaster or obtaining and modifying its DataBuffer) may result in undefined behavior. The copyData method should be used if the returned Raster is to be modified.
 *
 * @param bounds the region of the RenderedImage to be returned.
 */
public Raster getData(Rectangle bounds) {
    int startX = XToTileX(bounds.x);
    int startY = YToTileY(bounds.y);
    int endX = XToTileX(bounds.x + bounds.width - 1);
    int endY = YToTileY(bounds.y + bounds.height - 1);
    Raster tile;

    if ((startX == endX) && (startY == endY)) {
        tile = getTile(startX, startY);
        return tile.createChild(bounds.x, bounds.y,
            bounds.width, bounds.height,
            bounds.x, bounds.y, null);
    } else {
// Create a WritableRaster of the desired size
SampleModel sm =
    sampleModel.createCompatibleSampleModel(bounds.width,
    bounds.height);

// Translate it
WritableRaster dest =
    Raster.createWritableRaster(sm, bounds.getLocation());

for (int j = startY; j <= endY; j++) {
    for (int i = startX; i <= endX; i++) {
        tile = getTile(i, j);
        Rectangle intersectRect =
            bounds.intersection(tile.getBounds());
        Raster liveRaster = tile.createChild(intersectRect.x,
            intersectRect.y,
            intersectRect.width,
            intersectRect.height,
            intersectRect.x,
            intersectRect.y,
            null);
        dest.setDataElements(0, 0, liveRaster);
    }
}
return dest;
*/

/**
 * Copies an arbitrary rectangular region of the RenderedImage
 * into a caller-supplied WritableRaster. The region to be
 * computed is determined by clipping the bounds of the supplied
 * WritableRaster against the bounds of the image. The supplied
 * WritableRaster must have a SampleModel that is compatible with
 * that of the image.
 *
 * <p> If the raster argument is null, the entire image will
 * be copied into a newly-created WritableRaster with a SampleModel
 * that is compatible with that of the image.
 *
 * @param dest a WritableRaster to hold the returned portion of
 *     the image.
 * @return a reference to the supplied WritableRaster, or to a
 *     new WritableRaster if the supplied one was null.
 */
public WritableRaster copyData(WritableRaster dest) {
    Rectangle bounds;
    Raster tile;
if (dest == null) {
    bounds = getBounds();
    Point p = new Point(minX, minY);
    /* A SampleModel to hold the entire image. */
    SampleModel sm = sampleModel.createCompatibleSampleModel(
        width, height);
    dest = Raster.createWritableRaster(sm, p);
} else {
    bounds = dest.getBounds();
}

int startX = XToTileX(bounds.x);
int startY = YToTileY(bounds.y);
int endX = XToTileX(bounds.x + bounds.width - 1);
int endY = YToTileY(bounds.y + bounds.height - 1);

for (int j = startY; j <= endY; j++) {
    for (int i = startX; i <= endX; i++) {
        tile = getTile(i, j);
        Rectangle intersectRect =
            bounds.intersection(tile.getBounds());
        Raster liveRaster = tile.createChild(intersectRect.x,
            intersectRect.y,
            intersectRect.width,
            intersectRect.height,
            intersectRect.x,
            intersectRect.y,
            null);

        /*
        * WritableRaster.setDataElements takes into account of
        * inRaster's minX and minY and add these to x and y. Since
        * liveRaster has the origin at the correct location, the
        * following call should not again give these coordinates in
        * places of x and y.
        */
        dest.setDataElements(0, 0, liveRaster);
    }
}
return dest;
}
package org.apache.batik.ext.awt.image.codec.util;

import java.awt.image.ColorModel;
import java.awt.image.Raster;
import java.awt.image.RenderedImage;
import java.io.IOException;
import java.io.OutputStream;

/**
 * A partial implementation of the ImageEncoder interface useful for
 * subclassing.
 *
 * This class is not a committed part of the JAI API. It may
 * be removed or changed in future releases of JAI.
 *
 * @version $Id: ImageEncoderImpl.java 498740 2007-01-22 18:35:57Z dvholten $
 */
public abstract class ImageEncoderImpl implements ImageEncoder {

    /** The OutputStream associcted with this ImageEncoder. */
    protected OutputStream output;

    /** The ImageEncodeParam object associcted with this ImageEncoder. */
    protected ImageEncodeParam param;

    /**
     * Constructs an ImageEncoderImpl with a given OutputStream
     * and ImageEncoderParam instance.
     *
     * @param output
     * @param param
     */
    public ImageEncoderImpl(OutputStream output,
                            ImageEncodeParam param) {
        this.output = output;
        this.param = param;
    }
}
public ImageEncodeParam getParam() {
    return param;
}

public void setParam(ImageEncodeParam param) {
    this.param = param;
}

/**
 * Encodes a Raster with a given ColorModel and writes the output
 * to the OutputStream associated with this ImageEncoder.
 */
public abstract void encode(Raster ras, ColorModel cm) throws IOException {
    RenderedImage im = new SingleTileRenderedImage(ras, cm);
    encode(im);
}

/**
 * Encodes a RenderedImage and writes the output to the
 * OutputStream associated with this ImageEncoder.
 */
public abstract void encode(RenderedImage im) throws IOException;

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*/
package org.apache.batik.ext.awt.image.codec.util;

import java.awt.image.Raster;
import java.awt.image.RenderedImage;
import java.io.IOException;
import java.io.InputStream;

/**
 * A partial implementation of the <code>ImageDecoder</code> interface  
 * useful for subclassing.
 *
 * @version $Id: ImageDecoderImpl.java 498740 2007-01-22 18:35:57Z dvholten $  
 */
public abstract class ImageDecoderImpl implements ImageDecoder {

/**
 * The <code>SeekableStream</code> associated with this  
 * <code>ImageEncoder</code>.  
 */
protected SeekableStream input;

/**
 * The <code>ImageDecodeParam</code> object associated with this  
 * <code>ImageEncoder</code>.  
 */
protected ImageDecodeParam param;

/**
 * Constructs an <code>ImageDecoderImpl</code> with a given  
 * <code>SeekableStream</code> and <code>ImageDecodeParam</code>  
 * instance.  
 */
public ImageDecoderImpl(SeekableStream input,  
               ImageDecodeParam param) {
this.input = input;
this.param = param;
}

/**
 * Constructs an <code>ImageDecoderImpl</code> with a given
 * <code>InputStream</code> and <code>ImageDecodeParam</code>
 * instance. The <code>input</code> parameter will be used to
 * construct a <code>ForwardSeekableStream</code>; if the ability
 * to seek backwards is required, the caller should construct
 * an instance of <code>SeekableStream</code> and
 * make use of the other constructor.
 */
public ImageDecoderImpl(InputStream input,
                         ImageDecodeParam param) {
    this.input = new ForwardSeekableStream(input);
    this.param = param;
}

/**
 * Returns the current parameters as an instance of the
 * <code>ImageDecodeParam</code> interface. Concrete
 * implementations of this interface will return corresponding
 * concrete implementations of the <code>ImageDecodeParam</code>
 * interface. For example, a <code>JPEGImageDecoder</code> will
 * return an instance of <code>JPEGDecodeParam</code>.
 */
public ImageDecodeParam getParam() {
    return param;
}

/**
 * Sets the current parameters to an instance of the
 * <code>ImageDecodeParam</code> interface. Concrete
 * implementations of <code>ImageDecoder</code> may throw a
 * <code>RuntimeException</code> if the <code>param</code>
 * argument is not an instance of the appropriate subclass or
 * subinterface. For example, a <code>JPEGImageDecoder</code>
 * will expect <code>param</code> to be an instance of
 * <code>JPEGDecodeParam</code>.
 */
public void setParam(ImageDecodeParam param) {
    this.param = param;
}

/**
 * Returns the <code>SeekableStream</code> associated with
 * this <code>ImageDecoder</code>.
/*
   public SeekableStream getInputStream() {
       return input;
   }
*/

/**
 * Returns the number of pages present in the current stream.
 * By default, the return value is 1. Subclasses that deal with
 * multi-page formats should override this method.
 */
public int getNumPages() throws IOException {
    return 1;
}

/**
 * Returns a <code>Raster</code> that contains the decoded
 * contents of the <code>SeekableStream</code> associated
 * with this <code>ImageDecoder</code>. Only
 * the first page of a multi-page image is decoded.
 */
public Raster decodeAsRaster() throws IOException {
    return decodeAsRaster(0);
}

/**
 * Returns a <code>Raster</code> that contains the decoded
 * contents of the <code>SeekableStream</code> associated
 * with this <code>ImageDecoder</code>. If
 * the page does not exist, an IOException will be thrown.
 * Page numbering begins at zero.
 *
 * @param page The page to be decoded.
 */
public Raster decodeAsRaster(int page) throws IOException {
    RenderedImage im = decodeAsRenderedImage(page);
    return im.getData();
}

/**
 * Returns a <code>RenderedImage</code> that contains the decoded
 * contents of the <code>SeekableStream</code> associated
 * with this <code>ImageDecoder</code>. Only
 * the first page of a multi-page image is decoded.
 */
public RenderedImage decodeAsRenderedImage() throws IOException {
    return decodeAsRenderedImage(0);
}
>Returns a <code>RenderedImage</code> that contains the decoded
* contents of the <code>SeekableStream</code> associated
* with this <code>ImageDecoder</code>.
* The given page of a multi-page image is decoded. If
* the page does not exist, an IOException will be thrown.
* Page numbering begins at zero.
*
* @param page The page to be decoded.
*/
public abstract RenderedImage decodeAsRenderedImage(int page)
    throws IOException;

1.112 futures 3.1.1

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# Contributions to the urllib3 project

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## Contributors

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* HTTPS patch (which inspired HTTPSConnectionPool)
* erikcederstrand <http://code.google.com/u/erikcederstrand/>
* NTLM-authenticated HTTPSConnectionPool
* Basic-authenticated HTTPSConnectionPool (merged into make_headers)
* niphlod <niphlod@gmail.com>
* Client-verified SSL certificates for HTTPSConnectionPool
* Response gzip and deflate encoding support
* Better unicode support for filepost using StringIO buffers
* btoconnor <brian@btoconnor.net>
* Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
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  * Python 3 support

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  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
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* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
* Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanch@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
* PEP8 Compliance and Linting
* Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
  * App Engine environment tests.
  * Documentation re-write.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix
* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
  * Bugfix for ``ConnectionPool.urlopen(release_conn=False)``.
  * Creation of ``HTTPConnectionPool.ResponseCls``.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@gmail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
* Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
  * Fix `util.selectors._fileobj_to_fd` to accept `long`
  * Update appveyor tox setup to use the 64bit python.

* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite

* Will Bond <will@wbond.net>
  * Add Python 2.6 support to `contrib.securetransport`

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add `HTTPResponse.geturl` method to provide `urllib2.urlopen().geturl()` behavior

* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout
* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
  * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
  * Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
  * Remove Authorization header regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
  * Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
  * Remove a spurious TypeError from the exception chain inside HTTPConnectionPool._make_request(), also for BaseExceptions.

* Jorge Lopez Silva <https://github.com/jalopezsilva>
  * Added support for forwarding requests through HTTPS proxies.

* Benno Rice <benno@jeamland.net>
  * Allow cadata parameter to be passed to underlying `SSLContext.load_verify_locations()`.

* Keiichi Kobayashi <abok.1k@gmail.com>
  * Rename VerifiedHTTPSConnection to HTTPSConnection

* Himanshu Garg <garg_himanshu@outlook.com>
  * DOC & LICENSE Update

* Hod Bin Noon <bin.noon.hod@gmail.com>
  * Test improvements

* Chris Olufson <stycarac@gmail.com>
  * Fix for connection not being released on HTTP redirect and response not preloaded

* [Bastiaan Bakker] <https://github.com/bastiaanb>
  * Support for logging session keys via environment variable `SSLKEYLOGFILE` (Python 3.8+)

* [Ezzeri Esa] <https://github.com/savarin>
  * Ports and extends on types from typeshed

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]

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user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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* /opt/cola/permits/1148131031_1638235428.46/0/spring-aop-5-1-4-release-sources-1-
  jar/org/springframework/aop/aspectj/annotation/SimpleMetadataAwareAspectInstanceFactory.java
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jar/org/springframework/aop/ThrowsAdvice.java

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1.124 libjpeg 6b

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our electronic mailing list. Mailing list members are notified of updates
and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher,
Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

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DOCUMENTATION ROADMAP
=====================

This file contains the following sections:

OVERVIEW             General description of JPEG and the IJG software.
LEGAL ISSUES         Copyright, lack of warranty, terms of distribution.
REFERENCES          Where to learn more about JPEG.
ARCHIVE LOCATIONS   Where to find newer versions of this software.
RELATED SOFTWARE    Other stuff you should get.
FILE FORMAT WARS     Software *not* to get.
TO DO               Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.doc       How to configure and install the IJG software.
usage.doc         Usage instructions for cjpeg, djpeg, jpegtran,
                   rdjpgcom, and wrjpgcom.
*.1                Unix-style man pages for programs (same info as usage.doc).
wizard.doc        Advanced usage instructions for JPEG wizards only.
change.log         Version-to-version change highlights.

Programmer and internal documentation:
libjpeg.doc       How to use the JPEG library in your own programs.
example.c         Sample code for calling the JPEG library.
structure.doc     Overview of the JPEG library's internal structure.
filelist.doc      Road map of IJG files.
coderules.doc     Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========
This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjjpeg" and "djjpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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REFERENCES
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We highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30–44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue
handy, a PostScript file containing a revised version of Wallace's article is available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in “The Data Compression Book” by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...


The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.)

In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS
=================

The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/.

If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu
Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/. Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.
The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don’t use a proprietary file format!

TO DO

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

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1998-05-11
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David Megginson
david@megginson.com
2000-01-14

1.127 vim 7.4.629-8.el7_9
1.127.1 Available under license :
   *uganda.txt* For Vim version 7.4. Last change: 2013 Jul 06

VIM REFERENCE MANUAL by Bram Moolenaar

   *uganda* *Uganda* *copying* *copyright* *license*
SUMMARY

Vim is Charityware. You can use and copy it as much as you like, but you are
encouraged to make a donation for needy children in Uganda. Please see [kcc]
below or visit the ICCF web site, available at these URLs:

http://iccf-holland.org/
http://www.vim.org/iccf/
http://www.iccf.nl/

You can also sponsor the development of Vim. Vim sponsors can vote for
features. See [sponsor]. The money goes to Uganda anyway.

The Open Publication License applies to the Vim documentation, see
[manual-copyright].

=== begin of license ===

VIM LICENSE

I) There are no restrictions on distributing unmodified copies of Vim except
that they must include this license text. You can also distribute
unmodified parts of Vim, likewise unrestricted except that they must
include this license text. You are also allowed to include executables
that you made from the unmodified Vim sources, plus your own usage
examples and Vim scripts.

II) It is allowed to distribute a modified (or extended) version of Vim,
including executables and/or source code, when the following four
conditions are met:
1) This license text must be included unmodified.
2) The modified Vim must be distributed in one of the following five ways:
a) If you make changes to Vim yourself, you must clearly describe in
the distribution how to contact you. When the maintainer asks you
(in any way) for a copy of the modified Vim you distributed, you
must make your changes, including source code, available to the
maintainer without fee. The maintainer reserves the right to
include your changes in the official version of Vim. What the
maintainer will do with your changes and under what license they
will be distributed is negotiable. If there has been no negotiation
then this license, or a later version, also applies to your changes.
The current maintainer is Bram Moolenaar <Bram@vim.org>. If this
changes it will be announced in appropriate places (most likely
vim.sf.net, www.vim.org and/or comp.editors). When it is completely
impossible to contact the maintainer, the obligation to send him
your changes ceases. Once the maintainer has confirmed that he has
received your changes they will not have to be sent again.
b) If you have received a modified Vim that was distributed as
mentioned under a) you are allowed to further distribute it
unmodified, as mentioned at I). If you make additional changes the
text under a) applies to those changes.

c) Provide all the changes, including source code, with every copy of
the modified Vim you distribute. This may be done in the form of a
context diff. You can choose what license to use for new code you
add. The changes and their license must not restrict others from
making their own changes to the official version of Vim.
d) When you have a modified Vim which includes changes as mentioned
under c), you can distribute it without the source code for the
changes if the following three conditions are met:
- The license that applies to the changes permits you to distribute
  the changes to the Vim maintainer without fee or restriction, and
  permits the Vim maintainer to include the changes in the official
  version of Vim without fee or restriction.
- You keep the changes for at least three years after last
distributing the corresponding modified Vim. When the maintainer
  or someone who you distributed the modified Vim to asks you (in
  any way) for the changes within this period, you must make them
  available to him.
- You clearly describe in the distribution how to contact you. This
  contact information must remain valid for at least three years
  after last distributing the corresponding modified Vim, or as long
  as possible.
e) When the GNU General Public License (GPL) applies to the changes,
you can distribute the modified Vim under the GNU GPL version 2 or
any later version.

3) A message must be added, at least in the output of the ":\version"
command and in the intro screen, such that the user of the modified Vim
is able to see that it was modified. When distributing as mentioned
under 2)e) adding the message is only required for as far as this does
not conflict with the license used for the changes.

4) The contact information as required under 2)a) and 2)d) must not be
removed or changed, except that the person himself can make
corrections.

III) If you distribute a modified version of Vim, you are encouraged to use
the Vim license for your changes and make them available to the
maintainer, including the source code. The preferred way to do this is
by e-mail or by uploading the files to a server and e-mailing the URL.
If the number of changes is small (e.g., a modified Makefile) e-mailing a
context diff will do. The e-mail address to be used is
<maintainer@vim.org>

IV) It is not allowed to remove this license from the distribution of the Vim
sources, parts of it or from a modified version. You may use this
license for previous Vim releases instead of the license that they came
with, at your option.
Note:

- If you are happy with Vim, please express that by reading the rest of this file and consider helping needy children in Uganda.

- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.

- According to Richard Stallman the Vim license is GNU GPL compatible. A few minor changes have been made since he checked it, but that should not make a difference.

- If you link Vim with a library that goes under the GNU GPL, this limits further distribution to the GNU GPL. Also when you didn't actually change anything in Vim.

- Once a change is included that goes under the GNU GPL, this forces all further changes to also be made under the GNU GPL or a compatible license.

- If you distribute a modified version of Vim, you can include your name and contact information with the "--with-modified-by" configure argument or the MODIFIED_BY define.

Kibaale Children's Centre is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is
also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

*donate*

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Further more, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is
visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA: The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada: Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly.
Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
Phone: 604-581-5353
If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse. This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return.
Check the ICCF web site for the latest information:
http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any
country, mostly from the post office. Use this name (which is
in my passport): "Abraham Moolenaar". Use Euro for the
currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form
that you can use for this. See "Others" below for the swift
code and IBAN number.
Any other method should work. Ask for information about
sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is
the most widely used Internet based payment system. It's
really simple to use. Use this link to find more info:

The e-mail address for sending the money to is:

Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is
preferred.

Others: Transfer to one of these accounts if possible:

Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse
If that doesn't work:

Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse
Otherwise, send a check in euro or US dollars to the address
below. Minimal amount: $70 (my bank does not accept smaller
amounts for foreign check, sorry)

Address to send checks to:

Bram Moolenaar
Finsterruetihof 1
8134 Adliswil
Switzerland

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Voice phone:     (33) 93.65.77.71, Fax: (33) 93 65 77 66, Telex: 97 00 50 F

1.128 spring-retry 1.1.5.RELEASE

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* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1.jar/org/springframework/retry/interceptor/StatefulRetryOperationsInterceptor.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1.jar/org/springframework/classify/Classifier.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1.jar/org/springframework/classify/ClassifierAdapter.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1.jar/org/springframework/classify/annotation/Classifier.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1.jar/org/springframework/retry/support/RetrySimulation.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1.jar/org/springframework/retry/support/DefaultRetryState.java
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* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1.1.5-release-sources-1-jar/org/springframework/retry/interceptor/RetryInterceptorBuilder.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1.1.5-release-sources-1-jar/org/springframework/classify/util/SimpleMethodInvoker.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1.1.5-release-sources-1-jar/org/springframework/retry/annotation/RetryConfiguration.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1.1.5-release-sources-1-jar/org/springframework/retry/backoff/ThreadWaitSleeper.java

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* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1.1.5-release-sources-1-jar/org/springframework/classify/util/MethodResolver.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1.1.5-release-sources-1-jar/org/springframework/classify/util/MethodInvoker.java
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* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1.1.5-release-sources-1-jar/org/springframework/retry/policy/SimpleRetryPolicy.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1.1.5-release-sources-1-jar/org/springframework/classify/SubclassClassifier.java
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  jar/org/springframework/retry/backoff/UniformRandomBackOffPolicy.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1-
  jar/org/springframework/retry/context/RetryContextSupport.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1-
  jar/org/springframework/retry/support/RetryTemplate.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1-
  jar/org/springframework/retry/backoff/FixedBackOffPolicy.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1-
  jar/org/springframework/retry/backoff/ExponentialBackOffPolicy.java

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  jar/org/springframework/retry/annotation/Recover.java
* /opt/cola/permits/1142717024_1615458406.28/0/spring-retry-1-1-5-release-sources-1-
  jar/org/springframework/retry/annotation/Backoff.java
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1.129 libssh2 1.9.0

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1.30 netty-transport 4.1.34.Final

1.31 spring-boot-starter 2.1.8.RELEASE

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* /opt/ws_local/PERMITS_SQL/1018846573_1591376884.4/0/netty-transport-4-1-32-final-sources-jar/io/netty/channel/ChannelFactory.java
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 */
/**
 * Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its `@link ChannelPipeline`.

<h3>Sub-types</h3>

* `@link ChannelHandler` itself does not provide many methods, but you usually have to implement one of its subtypes:

<ul>
  <li>`@link ChannelInboundHandler` to handle inbound I/O events, and</li>
  <li>`@link ChannelOutboundHandler` to handle outbound I/O operations.</li>
</ul>

* Alternatively, the following adapter classes are provided for your convenience:

<ul>
  <li>`@link ChannelInboundHandlerAdapter` to handle inbound I/O events,</li>
  <li>`@link ChannelOutboundHandlerAdapter` to handle outbound I/O operations, and</li>
  <li>`@link ChannelDuplexHandler` to handle both inbound and outbound events</li>
</ul>

* For more information, please refer to the documentation of each subtype.

<h3>The context object</h3>

* A `@link ChannelHandler` is provided with a `@link ChannelHandlerContext` object. A `@link ChannelHandler` is supposed to interact with the `@link ChannelPipeline` it belongs to via a context object. Using the context object, the `@link ChannelHandler` can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using `@link AttributeKey`)s which is specific to the handler.

<h3>State management</h3>

* A `@link ChannelHandler` often needs to store some stateful information. The simplest and recommended approach is to use member variables:

```java
public interface Message {
    // your methods here
}
```

* public class DataServerHandler extends `@link SimpleChannelInboundHandler<Message>` {

```java
    private boolean loggedIn;

    @Override
    public void channelRead0(@link ChannelHandlerContext ctx, Message message) {
        if (message instanceof LoginMessage) {
```
* authenticate((LoginMessage) message);
* \<b>loggedIn = true;</b> 
* } else (message instanceof GetDataMessage) {
*   if (<b>loggedIn</b>) {
*     ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*   } else {
*     fail();
*   }
* }
* ... 
* } </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* </pre>
* // Create a new handler instance per channel.
* // See [link ChannelInitializer#initChannel(Channel)].
* public class DataServerInitializer extends [link ChannelInitializer]{[link Channel]
*   { [code @Override]
*     public void initChannel([link Channel] channel) {
*       channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
*   }
* }
*
* </pre>
* <h4>Using [link AttributeKey]s</h4>
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use [link AttributeKey]s which is provided by
* [link ChannelHandlerContext]:
* </pre>
* public interface Message {
*   // your methods here
* }
* {
*   [code @Sharable]
*   public class DataServerHandler extends [link SimpleChannelInboundHandler]<Message>&lt;Message&gt; {
*     private final [link AttributeKey] &lt;[link AttributeKey]@AttributeKey.valueOf(String) AttributeKey.valueOf("auth")&gt; auth =
*       { [code @Override]
*         public void channelRead([link ChannelHandlerContext] ctx, Message message) {
*           [link Attribute] &lt;[link Boolean]@link Attribute&gt; attr = ctx.attr(attr);
if (message instanceof LoginMessage) {
            authenticate((LoginMessage) o);
            attr.set(true);
        } else if (message instanceof GetDataMessage) {
            if (Boolean.TRUE.equals(attr.get())) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
            } else {
                fail();
            }
        }
    }
    ...
</pre>

Now that the state of the handler is attached to the `ChannelHandlerContext`, you can add the same handler instance to different pipelines:

```java
public class DataServerInitializer extends ChannelInitializer<Channel> {
    private static final DataServerHandler SHARED = new DataServerHandler();

    @Override
    public void initChannel(Channel channel) {
        channel.pipeline().addLast("handler", SHARED);
    }
```

The `@Sharable` annotation

In the example above which used an `AttributeKey`, you might have noticed the `@Sharable` annotation. If a `ChannelHandler` is annotated with the `@Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `ChannelPipeline`s multiple times without a race condition.

If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

This annotation is provided for documentation purpose, just like the JCIP annotations.
* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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Lennart Poettering, 2009

1.148 libmediaart 1.9.4 1.el7
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* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/event/EventListenerFactory.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/jmx/export/annotation/ManagedAttribute.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/format/datetime/joda/DurationFormatter.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/annotation/Role.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/annotation/ComponentScans.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/jmx/export/annotation/ManagedMetric.java
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* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/jmx/export/annotation/ManagedOperationParameters.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/scripting/config/LangNamespaceHandler.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/scripting/ScriptEvaluator.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/scheduling/support/CronTrigger.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/validation/beanvalidation/SpringConstraintValidatorFactory.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/annotation/ImportResource.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/jmx/export/annotation/ManagedOperationParameters.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/jmx/export/annotation/ManagedOperation.java
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* {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}
* reference through WebSphere's proprietary {@code AdminServiceFactory} API,
* available on WebSphere 5.1 and higher.
* <p>Exposes the {@code MBeanServer} for bean references.
* This FactoryBean is a direct alternative to {@link MBeanServerFactoryBean},
* which uses standard JMX 1.2 API to access the platform's MBeanServer.
* <p>See the javadocs for WebSphere's
* <a href="https://bit.ly/UzccDt">{@code AdminServiceFactory}</a> and
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see java.management.MBeanServer
* @see MBeanServerFactoryBean
*/

Found in path(s):
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/PayloadApplicationEvent.java
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* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2.jar/org/springframework/cache/Cache.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2.jar/org/springframework/cache/interceptor/CacheInterceptor.java
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* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2.jar/org/springframework/instrument/classloading/tomcat/TomcatLoadTimeWeaver.java
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* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2.jar/org/springframework/context/support/ConversionServiceFactoryBean.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2.jar/org/springframework/context/support/AbstractXmlApplicationContext.java
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jar/org/springframework/cache/support/NullValue.java
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* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/support/ApplicationContextAwareProcessor.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/expression/AnnotatedElementKey.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/stereotype/Repository.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/jmx/access/MBeanProxyFactoryBean.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/expression/EnvironmentAccessor.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/validation/DefaultMessageCodesResolver.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/instrument/classloading/SimpleInstrumentableClassLoader.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/scheduling/config/ScheduledTask.java
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* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/scheduling/annotation/AsyncConfigurer.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/cache/concurrent/ConcurrentMapCacheManager.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/expression/BeanExpressionContextAccessor.java
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* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/scheduling/config/FixedRateTask.java
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/**
 * Indicates that a component is only eligible for registration when all
 * |
 * |
 * |
 *
 * A <em>condition</em> is any state that can be determined programatically
 * before the bean definition is due to be registered (see |Condition| for details).
 *
 * The |Conditional| annotation may be used in any of the following ways:
 * |
 * as a type-level annotation on any class directly or indirectly annotated with
 * |
 * |
 * as a meta-annotation, for the purpose of composing custom stereotype
 * annotations
 * |
 * as a method-level annotation on any |Bean| method
 * |
 *
 * If a |Configuration| class is marked with |Conditional|,
 * all of the |Bean| methods, |Import| annotations, and
 * |ComponentScan| annotations associated with that
 * class will be subject to the conditions.
<strong>NOTE</strong>: Inheritance of [@code @Conditional] annotations is not supported; any conditions from superclasses or from overridden methods will not be considered. In order to enforce these semantics, [@code @Conditional] itself is not declared as [@link java.lang.annotation.Inherited @Inherited]; furthermore, any custom <em>composed annotation</em> that is meta-annotated with [@code @Conditional] must not be declared as [@code @Inherited].

@author Phillip Webb
@author Sam Brannen
@since 4.0
@see Condition
*/

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*/opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/context/Phased.java
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*/opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2-jar/org/springframework/validation/BindingErrorProcessor.java
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* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2.jar/org/springframework/framework/format/Printer.java
* /opt/cola/permits/1136265369_1613724369.79/0/spring-context-5-1-8-release-sources-2.jar/org/springframework/context/config/PropertyOverrideBeanDefinitionParser.java
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*/
/** *
* Abstract the invocation of a cache operation.
* *
* <p>Does not provide a way to transmit checked exceptions but
* provide a special exception that should be used to wrap any
* exception that was thrown by the underlying invocation.
* Callers are expected to handle this issue type specifically.
* *
* @author Stephane Nicoll
* @since 4.1
*/

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* /opt/cola/permits/1001477415_1646171648.74/0/plexus-archiver-1-0-alpha-9-sources-jar/org/codehaus/plexus/archiver/AbstractUnArchiver.java
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1.153 snake-yaml 1.15

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* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4.1.32-final-sources-2-jar/io/netty/resolver/InetSocketAddressResolver.java
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* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4.1.32-final-sources-2-jar/io/netty/resolver/AddressResolver.java
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* /opt/cola/permits/1110676440_1606843194.97/0/netty-resolver-4.1.32-final-sources-2-jar/io/netty/resolver/SimpleNameResolver.java

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1.173 netty-buffer 4.1.31.Final

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1.179 sphinxcontrib-htmlhelp 1.0.3
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# Contributions to the urllib3 project

## Creator & Maintainer

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In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRlBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* Hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite
* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>  
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo@dbrgn <https://dbrgn.ch/>  
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
* Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
* Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
* HttpHeaders and associated tests and docs
* Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
* Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
* source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
* PEP8 Compliance and Linting
* Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
* Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
* Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
* Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
* Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
* Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
* Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
* Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
* Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
* Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
* IPv6 bugfixes in testsuite
* Thea Flowers <magicalgirl@google.com>
* App Engine environment tests.
* Documentation re-write.

* John Krauss <https://github.com/talos>
* Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
* Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jatherfold@hotmail.com>
* Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
* IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
* Fix low-level exceptions leaking from `HTTPResponse.stream()`.
* Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
* Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
* Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
* Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
* Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
* Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
* Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytt@iki.fi>
* Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
* Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jesse Shapiro <jesse@jesseshapiro.net>
* Various character-encoding fixes/tweaks
* Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
* Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
  * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
  * Update appveyor tox setup to use the 64bit python.

* Akamai (through Jesse Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance
* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite

* Will Bond <will@wbond.net>
  * Add Python 2.6 support to ``contrib.securetransport``

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
  * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
  * Add ability to handle multiple Content-Encodings

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]

1.183 undertow-servlet 2.0.13.Final

1.184 javax-json-bind-api 1.0
1.184.1 Available under license:

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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cffe2bb5b6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project.
They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

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<!- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet version="1.0"
 xmlns:xsl="http://www.w3.org/1999/XSL/Transform"
 xmlns:xi="http://www.w3.org/2001/XInclude"
 xmlns:db="http://docbook.org/ns/docbook">

<xsl:template name="isc.copyright.format">
 <xsl:param name="text"/>
 <xsl:variable name="isc.copyright.leader" select="'/***'"/>
 <xsl:variable name="isc.copyright.text" select="/**/<xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
 <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
 <xsl:if test="translate($rest, '&#9;&#32;', '')">
   <xsl:call-template name="isc.copyright.format">
     <xsl:with-param name="text" select="$rest"/>
   </xsl:call-template>
 </xsl:if>
</xsl:template>

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1.195 pika 1.1.0

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1.196 javax-json 1.1.2
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1.198 elfutils 0.176-5.el7

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this as regards changes in header files, but we have achieved it as regards
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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the
library”. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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1.207 glibc 2.17-317.el7

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the `Lesser` General Public License because it does `Less` to protect the user's freedom than the ordinary General Public License. It also provides other free software developers `Less` of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is `Less` protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a `work based on the library` and a `work that uses the library`. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library
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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
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* /opt/cola/permits/1226358395_1636965021.11/0/jinja2-3-0-3-tar-gz/Jinja2-3.0.3/LICENSE.rst
No license file was found, but licenses were detected in source scan.

[metadata]
name = Jinja2
version = attr: jinja2.__version__
url = https://palletsprojects.com/p/jinja/
project_urls =
    Donate = https://palletsprojects.com/donate
    Documentation = https://jinja.palletsprojects.com/
    Changes = https://jinja.palletsprojects.com/changes/
    Source Code = https://github.com/pallets/jinja/
    Issue Tracker = https://github.com/pallets/jinja/issues/
    Twitter = https://twitter.com/PalletsTeam
    Chat = https://discord.gg/pallets
license = BSD-3-Clause
license_files = LICENSE.rst
author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
maintainer_email = contact@palletsprojects.com
description = A very fast and expressive template engine.
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
    Development Status :: 5 - Production/Stable
    Environment :: Web Environment
    Intended Audience :: Developers
    License :: OSI Approved :: BSD License
    Operating System :: OS Independent
    Programming Language :: Python
    Topic :: Internet :: WWW/HTTP :: Dynamic Content
    Topic :: Text Processing :: Markup :: HTML

[options]
packages = find:
    package_dir = = src
    include_package_data = true
    python_requires = >= 3.6

[options.packages.find]
where = src
[options.entry_points]
babel.extractors =
jinja2 = jinja2.ext:babel_extract[i18n]

[tool:pytest]
testpaths = tests
filterwarnings =
    error
ignore:The loop argument:DeprecationWarning:asyncio[.]base_events:542

[coverage:run]
branch = True
source =
jinja2
tests

[coverage:paths]
source =
src
*/site-packages

[flake8]
select = B, E, F, W, B9, ISC
ignore =
E203
E501
E722
W503
max-line-length = 80
per-file-ignores =
src/jinja2/__init__.py: F401

[mypy]
files = src/jinja2
python_version = 3.6
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True
[mypy-jinja2.defaults]
no_implicit_reexport = False

[mypy-markupsafe]
no_implicit_reexport = False

[egg_info]
tag_build =
tag_date = 0

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Metadata-Version: 2.1
Name: Jinja2
Version: 3.0.3
Summary: A very fast and expressive template engine.
Home-page: https://palletsprojects.com/p/jinja/
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
Maintainer: Pallets
Maintainer-email: contact@palletsprojects.com
License: BSD-3-Clause
Project-URL: Changes, https://jinja.palletsprojects.com/changes/
Project-URL: Twitter, https://twitter.com/PalletsTeam
Project-URL: Chat, https://discord.gg/pallets
Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Web Environment
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content
Classifier: Topic :: Text Processing :: Markup :: HTML
Requires-Python: >=3.6
Description-Content-Type: text/x-rst
Provides-Extra: i18n
License-File: LICENSE.rst

Jinja
====
Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

Installing
---------

Install and update using `pip`:

.. code-block:: text

    $ pip install -U Jinja2


In A Nutshell
-------------

.. code-block:: jinja

    {% extends "base.html" %}
    {% block title %}Members{% endblock %}
    {% block content %}
    <ul>
        {% for user in users %}
The Pallets organization develops and supports Jinja and other popular packages. In order to grow the community of contributors and users, and allow the maintainers to devote more time to the projects, `please donate today`.

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Links
-----

- Documentation: https://jinja.palletsprojects.com/
- Changes: https://jinja.palletsprojects.com/changes/
- PyPI Releases: https://pypi.org/project/Jinja2/
- Source Code: https://github.com/pallets/jinja/
- Issue Tracker: https://github.com/pallets/jinja/issues/
- Website: https://palletsprojects.com/p/jinja/
- Twitter: https://twitter.com/PalletsTeam
- Chat: https://discord.gg/pallets

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* /opt/cola/permits/1226358395_1636965021.11/0/jinja2-3-0-3-tar-gz/Jinja2-3.0.3/src/Jinja2.egg-info/PKG-INFO
* /opt/cola/permits/1226358395_1636965021.11/0/jinja2-3-0-3-tar-gz/Jinja2-3.0.3/PKG-INFO

1.215 iprutils 2.4.17.1 3.el7_7

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analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
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===========================================================================
Nori Korean Morphological Analyzer - Apache Lucene Integration
===========================================================================

This software includes a binary and/or source version of data from

mecab-ko-dic-2.0.3-20170922

which can be obtained from

https://bitbucket.org/eunjeon/mecab-ko-dic/downloads/mecab-ko-dic-2.0.3-20170922.tar.gz
1.226 nanopb 0.4.5
1.226.1 Available under license:
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Metadata-Version: 2.1
Name: nanopb
Version: 0.4.5.post1
Summary: Nanopb is a small code-size Protocol Buffers implementation in ansi C. It is especially suitable for use in microcontrollers, but fits any memory restricted system.
Home-page: https://jpa.kapsi.fi/nanopb/
License: Zlib
Keywords: protobuf,protoc
Author: Petteri Aimonen
Author-email: jpa@npb.mail.kapsi.fi
Requires-Python: >=2.7
Classifier: License :: OSI Approved
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.4
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: 3.7
Classifier: Programming Language :: Python :: 3.8
Classifier: Programming Language :: Python :: 3.9
Classifier: Topic :: Software Development :: Build Tools
Provides-Extra: grpcio-tools
Requires-Dist: grpcio-tools (>=1.26.0rc1); extra == "grpcio-tools"
Requires-Dist: protobuf (>=3.6)
Description-Content-Type: text/markdown

Nanopb - Protocol Buffers for Embedded Systems
======================================================================


Nanopb is a small code-size Protocol Buffers implementation in ansi C. It is especially suitable for use in microcontrollers, but fits any memory restricted system.

* **Homepage:** https://jpa.kapsi.fi/nanopb/
* **Documentation:** https://jpa.kapsi.fi/nanopb/docs/
* **Downloads:** https://jpa.kapsi.fi/nanopb/download/
* **Forum:** https://groups.google.com/forum/#!forum/nanopb
Using the nanopb library
------------------------
To use the nanopb library, you need to do two things:

1. Compile your .proto files for nanopb, using `protoc`.
2. Include *pb_encode.c*, *pb_decode.c* and *pb_common.c* in your project.

The easiest way to get started is to study the project in "examples/simple". It contains a Makefile, which should work directly under most Linux systems. However, for any other kind of build system, see the manual steps in README.txt in that folder.

Generating the headers
----------------------
Protocol Buffers messages are defined in a `.proto` file, which follows a standard format that is compatible with all Protocol Buffers libraries. To use it with nanopb, you need to generate `.pb.c` and `.pb.h` files from it:

```
python generator/nanopb_generator.py myprotocol.proto  # For source checkout
generator-bin/nanopb_generator myprotocol.proto        # For binary package
```

(Note: For instructions for nanopb-0.3.9.x and older, see the documentation of that particular version [here](https://github.com/nanopb/nanopb/blob/maintenance_0.3/README.md))

The binary packages for Windows, Linux and Mac OS X should contain all necessary dependencies, including Python, python-protobuf library and protoc. If you are using a git checkout or a plain source distribution, you will need to install Python separately. Once you have Python, you can install the other dependencies with `pip install protobuf grpcio-tools`.

You can further customize the header generation by creating an `.options` file. See [documentation](https://jpa.kapsi.fi/nanopb/docs/concepts.html#modifying-generator-behaviour) for details.

Running the tests
-----------------
If you want to perform further development of the nanopb core, or to verify its functionality using your compiler and platform, you'll want to run the test suite. The build rules for the test suite are implemented using Scons, so you need to have that installed (ex: `sudo apt install scons` or `pip install scons`). To run the tests:

```
cd tests
scons
```
This will show the progress of various test cases. If the output does not end in an error, the test cases were successful.

Note: Mac OS X by default aliases 'clang' as 'gcc', while not actually supporting the same command line options as gcc does. To run tests on Mac OS X, use: `scons CC=clang CXX=clang`. Same way can be used to run tests with different compilers on any platform.

For embedded platforms, there is currently support for running the tests on STM32 discovery board and [simavr](https://github.com/buserror/simavr) AVR simulator. Use `scons PLATFORM=STM32` and `scons PLATFORM=AVR` to run these tests.

Build systems and integration
-------------------------------
 Nanopb C code itself is designed to be portable and easy to build on any platform. Often the bigger hurdle is running the generator which takes in the `*.proto` files and outputs `*.pb.c` definitions.

There exist build rules for several systems:

* **Makefiles**: `extra/nanopb.mk`, see `examples/simple`

* **CMake**: `extra/FindNanopb.cmake`, see `examples/cmake`

* **SCons**: `tests/site_scons` (generator only)

* **Bazel**: `BUILD` in source root

* **Conan**: `conanfile.py` in source root

* **PlatformIO**: https://platformio.org/lib/show/431/Nanopb

* **PyPI/pip**: https://pypi.org/project/nanopb/

And also integration to platform interfaces:

* **Arduino**: http://platformio.org/lib/show/1385/nanopb-arduino

Building nanopb - Using vcpkg
------------------------------

You can download and install nanopb using the [vcpkg](https://github.com/Microsoft/vcpkg) dependency manager:

```bash
    git clone https://github.com/Microsoft/vcpkg.git
cd vcpkg
./bootstrap-vcpkg.sh
./vcpkg integrate install
./vcpkg install nanopb
```

The nanopb port in vcpkg is kept up to date by Microsoft team members and community contributors. If the version is out of date, please [create an issue or pull request](https://github.com/Microsoft/vcpkg) on the vcpkg repository.
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1.228 spring-context 5.0.8.RELEASE

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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/instrument/classloading/websphere/WebSphereClassPreDefinePlugin.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/instrument/classloading/SimpleLoadTimeWeaver.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/cache/interceptor/BeanFactoryCacheOperationSourceAdvisor.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/context/annotation/Bean.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/scheduling/annotation/EnableAsync.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/context/annotation/Condition.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/jndi/JndiTemplate.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/format/datetime/joda/JodaDateTimeFormatAnnotationFormatterFactory.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/context/annotation/Jsrs330ScopeMetadataResolver.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/validation/support/BindingAwareConcurrentModel.java
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 */
/**
 * @link FactoryBean] that obtains a WebSphere \{ @link javax.management.MBeanServer\}
 * reference through WebSphere's proprietary \{ @code AdminServiceFactory\} API,
 * available on WebSphere 5.1 and higher.
 *
 * <p>Exposes the \{ @code MBeanServer\} for bean references.
 * This FactoryBean is a direct alternative to \{ @link MBeanServerFactoryBean\},
 * which uses standard JMX 1.2 API to access the platform's MBeanServer.
 *
 * <p>See the javadocs for WebSphere's
 *
 * @author Juergen Hoeller
 * @author Rob Harrop
 * @since 2.0.3
 * @see javax.management.MBeanServer
 * @see MBeanServerFactoryBean
 */

Found in path(s):
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-
  0-8-release-sources-1-
  jar/org/springframework/instrument/classloading/SimpleThrowawayClassLoader.java

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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/format/datetime/joda/ReadableInstantPrinter.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/scheduling/SchedulingTaskExecutor.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/context/annotation/ConfigurationMethod.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/context/annotation/Description.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/context/annotation/Lazy.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/format/datetime/joda/LocalTimeParser.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/format/datetime/joda/MillisecondInstantPrinter.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/context/support/MessageSourceResourceBundle.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/format/datetime/joda/DateTimeParser.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/scheduling/support/TaskUtils.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/context/i18n/LocaleContext.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/format/datetime/joda/MillisecondInstantPrinter.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1.jar/org/springframework/context/support/MessageSourceResourceBundle.java
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  jar/org/springframework/jmx/export/metadata/ManagedOperation.java

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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/remoting/RemoteInvocationFailureException.java
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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/scheduling/Trigger.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/framework/format/Formatter.java
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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/jmx/export/assembler/AutodetectCapableMBeanInfoAssembler.java
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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/jndi/JndiLookupFailureException.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-jar/org/springframework/jmx/access/InvalidInvocationException.java
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* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
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/**
 * Indicates that a component is only eligible for registration when all
 *    [@linkplain #value specified conditions] match.
 *<p>A <em>condition</em> is any state that can be determined programatically
 *before the bean definition is due to be registered (see [@link Condition] for details).
 *
 *<p>The [@code @Conditional] annotation may be used in any of the following ways:
 *    [@ul]
 *    [@li>as a type-level annotation on any class directly or indirectly annotated with
 *      [@code @Component], including [@link Configuration @Configuration] classes</li>
 *    [@li>as a meta-annotation, for the purpose of composing custom stereotype
 *      annotations</li>
 *    [@li>as a method-level annotation on any [@link Bean @Bean] method</li>
 *    [@ul>
 *
 *If a [@code @Configuration] class is marked with [@code @Conditional],
 *all of the [@code @Bean] methods, [@link Import @Import] annotations, and
 *[@link ComponentScan @ComponentScan] annotations associated with that
 *class will be subject to the conditions.
 *
 *<p><strong>NOTE</strong>: Inheritance of [@code @Conditional] annotations
 *is not supported; any conditions from superclasses or from overridden
 *methods will not be considered. In order to enforce these semantics,
* [@code @Conditional] itself is not declared as
  * [@link java.lang.annotation.Inherited @Inherited]; furthermore, any
  * custom <em>composed annotation</em> that is meta-annotated with
  * [@code @Conditional] must not be declared as [@code @Inherited].
 *
  * @author Phillip Webb
  * @author Sam Brannen
  * @since 4.0
  * @see Condition
 */

Found in path(s):
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/annotation/Conditional.java

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  jar/org/springframework/jmx/export/notification/NotificationPublisherAware.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/ApplicationContextInitializer.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/ApplicationEventPublisherAware.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/annotation/ConflictingBeanDefinitionException.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/MessageSourceAware.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/context/annotation/ImportAware.java
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jar/org/springframework/context/annotation/ScopedProxyCreator.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
jar/org/springframework/jmx/export/MBeanExportOperations.java
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
jar/org/springframework/context/LifecycleProcessor.java

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 */

/**
 * Abstract the invocation of a cache operation.
 *
 * <p>Does not provide a way to transmit checked exceptions but
 * provide a special exception that should be used to wrap any
 * exception that was thrown by the underlying invocation.
 */
* Callers are expected to handle this issue type specifically.

* @author Stephane Nicoll
* @since 4.1
*/

Found in path(s):
* /opt/cola/permits/1110677025_1606843962.29/0/spring-context-5-0-8-release-sources-1-
  jar/org/springframework/cache/interceptor/CacheOperationInvoker.java

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  jar/org/springframework/validation/MapBindingResult.java

1.229 lucene-expressions 7.7.0

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- analysis/common/src/resources/org/apache/lucene/analysis/fa/stopwords.txt,
- analysis/common/src/resources/org/apache/lucene/analysis/ro/stopwords.txt,
- analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
- analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
- analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

- analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
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- analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
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1.234 tomcat-embed-websocket 9.0.24

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1.235 joda-time 2.10.1

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1.237 jetty-plus 9.3.9.v20160517

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1.239slf4j-log4j 1.7.32

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1.240 go-patricia v2.2.6

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# application/alto-costmapfilter+json
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# application/cea-2018+xml
# application/cellml+xml
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# application/commonground
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# application/dec-dx
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# application/tamp-community-update
# application/tamp-community-update-confirm
# application/tamp-error
# application/tamp-sequence-adjust
# application/tamp-sequence-adjust-confirm
# application/tamp-status-query
# application/tamp-status-response
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Open Source Used In Data Center Network Manager 11.5(4) 2363
application/vnd.ms-playready.initiator+xml
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Open Source Used In Data Center Network Manager 11 11.5(4) 2372
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application/xop+xml
application/xproc+xml
application/xslt+xml
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application/xv+xml
application/yang
application/yin+xml
application/zip
# application/zlib
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# audio/3gpp
# audio/3gpp2
# audio/ac3
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# message/partial
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# message/s-http
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# message/sipfrag
# message/tracking-status
# message/vnd.si.simp
# message/vnd.wfa.wsc
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# video/mp2p
# video/mp2t
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  jar/org/springframework/http/client/ClientHttpRequest.java
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jar/org/springframework/web/jsf/FacesContextUtils.java
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* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/http/converter/feed/AtomFeedHttpMessageConverter.java
* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/http/server/ServerHttpAsyncRequestControl.java
* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/web/context/ConfigurableWebApplicationContext.java
* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/web/context/support/ServletConfigPropertySource.java

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* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources.jar/org/springframework/http/client/HttpComponentsClientHttpResponse.java
* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources.jar/org/springframework/http/CodecConfigurerFactory.java
* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources.jar/org/springframework/http/client/reactive/AbstractClientHttpRequest.java
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* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources.jar/org/springframework/http/accept/AbstractMappingContentNegotiationStrategy.java
* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources.jar/org/springframework/web/context/request/async/CallableInterceptorChain.java
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* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/http/codec/json/Jackson2SmileDecoder.java
* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/http/codec/LoggingCodecSupport.java
* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/http/ServerHttpResponse.java
* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/web/HttpMediaTypeException.java

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* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/web/client/UnknownContentTypeException.java

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* /opt/cola/permits/1135892437_1613626879.4/0/spring-web-5-2-10-release-sources-jar/org/springframework/web/server/WebFilterChain.java
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*/
/**
 * Return the web session for the current request. Always guaranteed to
 * return an instance either matching to the session id requested by the
 * client, or with a new session id either because the client did not
 * specify one or because the underlying session had expired. Use of this
 * method does not automatically create a session. See {@link WebSession}
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 */

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1.244 netty-handler-proxy 4.1.34.Final

1.245 mapstruct 1.2.0.Final

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1.246 jboss-logging 3.3.3.Final

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1.251 curl 7.69.1-1.el7_7.0atomix1
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==============

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

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## libssh2

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/* lib/font/fontfile/gunzip.c
   written by Mark Eichin <eichin@kitten.gen.ma.us> September 1996.
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- Chris McDonough, 2011/02/16
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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python’s
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org
for the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

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In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webservice for SSL client authentication.
Just configure this file as the SSLCA CertificateFile.#

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the
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org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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 */
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {

    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

    /**
* Indicates that this permission has been allocated by default.
* Authorization View handlers may use this property in order to restrict
* the list of scopes which may be refused to non-default scopes only
* @param isDefault
*/
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}
}

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 */

package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */

public interface CopyingOutputStream {

  int copyFrom(InputStream in) throws IOException;

}

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WTForms
========

WTForms is a flexible forms validation and rendering library for Python web development. It is `framework agnostic` and can work with whatever web framework and template engine you choose. There are various
community libraries that provide closer integration with popular frameworks.

To get started using WTForms, we recommend reading the `crash course`\_ in the docs.


Installation
-------------

Install and update using pip:

    pip install -U WTForms

Third-Party Library Integrations
--------------------------------

WTForms is designed to work with any web framework and template engine. There are a number of community-provided libraries that make integrating with frameworks even better.

- `Flask-WTF`\_ integrates with the Flask framework. It can automatically load data from the request, uses Flask-Babel to translate based on user-selected locale, provides full-application CSRF, and more.
- `WTForms-Alchemy`\_ provides rich support for generating forms from SQLAlchemy models, including an expanded set of fields and validators.
- `WTForms-SQLAlchemy`\_ provides ORM-backed fields and form generation from SQLAlchemy models.
- `WTForms-AppEngine`\_ provides ORM-backed fields and form generation from AppEnding db/ndb schema.
- `WTForms-AppEngine`\_ provides ORM-backed fields and form generation from Django models, as well as integration with Django's I18N support.

.. _Flask-WTF: https://flask-wtf.readthedocs.io/
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Links
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Documentation: https://wtforms.readthedocs.io/
License: `BSD <https://github.com/wtforms/wtforms/blob/master/LICENSE>`_
Releases: https://pypi.org/project/WTForms/
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- Test coverage: https://coveralls.io/github/wtforms/wtforms
Found in path(s):
* /opt/cola/permits/1162735404_1620900685.8/0/wtforms-wtforms-2-2-1-0-g7152845-1-tar-gz/wtforms-wtforms7152845/README.rst
No license file was found, but licenses were detected in source scan.
import io
import re
import sys
from setuptools import setup
with io.open('README.rst', 'rt', encoding='utf8') as f:
readme = f.read()
with io.open('wtforms/__init__.py', 'rt', encoding='utf8') as f:
version = re.search(r'__version__ = \'(.*?)\'', f.read()).group(1)
extra = {}
if sys.version_info < (2, 7):
extra['install_requires'] = ['ordereddict>=1.1']
setup(
name='WTForms',
version=version,
url='https://wtforms.readthedocs.io/',
project_urls={
'Documentation': 'https://wtforms.readthedocs.io/',
'Code': 'https://github.com/wtforms/wtforms',
'Issue tracker': 'https://github.com/wtforms/wtforms/issues',
},
license='BSD',
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WTForms

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from wtforms import validators, widgets
from wtforms.fields import *
from wtforms.form import Form
from wtforms.validators import ValidationError

__version__ = '2.2.1'

Found in path(s):
* /opt/cola/permits/1162735404_1620900685.8/0/wtforms-wtforms-2-2-1-0-g7152845-1-tar-gz/wtforms-wtforms-7152845/wtforms/__init__.py

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1.292 maven-monitor 2.0.9

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1.293 gitdb 4.0.9

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1.296 jnr-netdb 1.1.6

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* /opt/cola/permits/1258272166_1643050029.77/0/jnr-netdb-1-1-6-sources-jar/jnr/netdb/IANAServicesDB.java
1.297 netty-resolver 4.1.31.Final

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1.298 wildfly-elytron 1.6.0.Final

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 */

package org.wildfly.security.permission;

import org.wildfly.security.manager._private.SecurityMessages.permission;
import org.wildfly.common.Assert;
import static org.wildfly.security.manager._private.SecurityMessages.permission;
import java.util.Arrays;
import java.util.EnumSet;
import java.util.Iterator;

/**
 * A helper class for defining permissions which use a finite list of actions. Define custom permissions using
 * an {@code enum} of actions, where the string representation (via {@code toString()}) of each enum is one possible
 * action name. Typically the {@code enum} should be non-public, and the constant names should be lowercase. If an
 * action name contains a character which is not a valid Java identifier, then the {@code toString()} method of
 * such constants should be overridden to report the correct string. The actions may be stored on the permission as
 * an {@code EnumSet}, an {@code int}, or a {@code long}. The field should be marked {@code transient}, and
 * the actions represented by a (possibly synthetic) field of type {@code String} which uses the canonical
 * representation
 * of the actions.
 * 
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 * 
 * @deprecated Use one of the abstract permission classes like {@link AbstractActionSetPermission} instead.
 * */
@Deprecated
public final class PermissionActions {

    private PermissionActions() {
    }

    static final class TrieNode<E> {
        private static final char[] C_EMPTY = new char[0];
        private static final TrieNode[] T_EMPTY = new TrieNode[0];

        private E result;
        private char[] matches = C_EMPTY;
        @SuppressWarnings("unchecked")
        private TrieNode<E>[] children = T_EMPTY;

        void put(String s, int idx, E value) {
            if (idx == s.length()) {
                result = value;
                return;
            }
            char c = s.charAt(idx);
            final int i = Arrays.binarySearch(matches, c);
            if (i < 0) {
                // copy and add
                final int oldLength = matches.length;
                final char[] newMatches = Arrays.copyOf(matches, oldLength + 1);
                final TrieNode<E>[] newChildren = Arrays.copyOf(children, oldLength + 1);
                // i is the negated insertion index
                final int insertIndex = -i - 1;

                // add
                newMatches[i] = c;
                newChildren[i] = new TrieNode<>();
            }
            insertIndex = Math.min(insertIndex, children.length - 1);
            children[insertIndex].put(s, idx + 1, value);
        }
    }

    // ...
System.arraycopy(newMatches, insertIndex, newMatches, insertIndex + 1, oldLength - insertIndex);
System.arraycopy(newChildren, insertIndex, newChildren, insertIndex + 1, oldLength - insertIndex);
newMatches[insertIndex] = c;
final TrieNode<E> newNode = new TrieNode<>();
newChildren[insertIndex] = newNode;
matches = newMatches;
children = newChildren;
newNode.put(s, idx + 1, value);
} else {
    children[i].put(s, idx + 1, value);
}
}

E get(String s, int idx, int end) {
    if (idx == end) {
        return result;
    }
    final char c = s.charAt(idx);
    final int i = Arrays.binarySearch(matches, c);
    if (i < 0) {
        return null;
    }
    return children[i].get(s, idx + 1, end);
}
}

static final class Info<E> {
    final TrieNode<E> root;
    final E[] constants;
    Info(final TrieNode<E> root, final E[] constants) {
        this.root = root;
        this.constants = constants;
    }
}

private static final ClassValue<Info<?>> storedInfo = new ClassValue<Info<?>>() {
    protected Info<?> computeValue(final Class<?> type) {
        return computeReal(type);
    }
}

private <E> Info<E> computeReal(final Class<E> type) {
    final TrieNode<E> root = new TrieNode<>();
    final E[] enumConstants = type.getEnumConstants();
    for (E e : enumConstants) {
        root.put(e.toString(), 0, e);
    }
    return new Info<>(root, type.getEnumConstants());
interface MatchAction<E extends Enum<E>> {
    void matched(E item);
    void matchedAll(Class<E> type);
}

static class SetMatchAction<E extends Enum<E>> implements MatchAction<E> {
    private EnumSet<E> set;

    SetMatchAction(final EnumSet<E> set) {
        this.set = set;
    }

    public void matched(final E item) {
        set.add(item);
    }

    public void matchedAll(final Class<E> type) {
        set = EnumSet.allOf(type);
    }

    public EnumSet<E> getSet() {
        return set;
    }
}

static class IntMatchAction<E extends Enum<E>> implements MatchAction<E> {
    private int result;

    IntMatchAction() {
    }

    public void matched(final E item) {
        result |= 1 << item.ordinal();
    }

    public void matchedAll(final Class<E> type) {
        result |= (1 << storedInfo.get(type).constants.length) - 1;
    }

    public int getResult() {
        return result;
    }
}
static class LongMatchAction<E extends Enum<E>> implements MatchAction<E> {
    private long result;

    LongMatchAction() {
    }

    public void matched(final E item) {
        result |= 1L << item.ordinal();
    }

    public void matchedAll(final Class<E> type) {
        result |= (1L << storedInfo.get(type).constants.length) - 1;
    }

    public long getResult() {
        return result;
    }
}

/**
 * Parse an action string using the given action type to an [code EnumSet].
 *
 * @param actionType the action [code Enum] type class
 * @param actionString the string to parse
 * @param <E> the action [code Enum] type
 *
 * @return the set of actions from the string
 *
 * @throws IllegalArgumentException if the string contained an invalid action
 */
public static <E extends Enum<E>> EnumSet<E> parseActionStringToSet(Class<E> actionType, String actionString) throws IllegalArgumentException {
    Assert.checkNotNullParam("actionType", actionType);
    Assert.checkNotNullParam("actionString", actionString);
    final SetMatchAction<E> matchAction = new SetMatchAction<>(EnumSet.noneOf(actionType));
    doParse(actionType, actionString, matchAction);
    return matchAction.getSet();
}

/**
 * Parse an action string using the given action type to an [code int]. The given [code Enum] type must have
 * 32 or fewer constant values.
 *
 * @param actionType the action [code Enum] type class
 * @param actionString the string to parse
 * @param <E> the action [code Enum] type
 *
 * @return the set of actions from the string
 */
public static <E extends Enum<E>> int parseActionStringToInt(Class<E> actionType, String actionString) throws IllegalArgumentException {
    Assert.checkNotNullParam("actionType", actionType);
    Assert.checkNotNullParam("actionString", actionString);
    final IntMatchAction<E> matchAction = new IntMatchAction<>();
    doParse(actionType, actionString, matchAction);
    return matchAction.getResult();
}

/**
 * Parse an action string using the given action type to a [code long]. The given [code enum] type must have 64 or fewer constant values.
 * 
 * @param actionType the action [code enum] type class
 * @param actionString the string to parse
 * @param <E> the action [code enum] type
 * 
 * @return the set of actions from the string
 * 
 * @throws IllegalArgumentException if the string contained an invalid action
 */
public static <E extends Enum<E>> long parseActionStringToLong(Class<E> actionType, String actionString) throws IllegalArgumentException {
    Assert.checkNotNullParam("actionType", actionType);
    Assert.checkNotNullParam("actionString", actionString);
    final LongMatchAction<E> matchAction = new LongMatchAction<>();
    doParse(actionType, actionString, matchAction);
    return matchAction.getResult();
}

private static <E extends Enum<E>> void doParse(final Class<E> actionType, final String actionString, final MatchAction<E> matchAction) {
    @SuppressWarnings("unchecked")
    final Info<E> info = (Info<E>) storedInfo.get(actionType);
    final TrieNode<E> rootNode = info.root;
    // begin parse
    char c;
    final int length = actionString.length();
    int i = 0;
    L0: for (;;) {
        if (i == length) {
            // OK
            break L0;
        }
        c = actionString.charAt(i);
        // Continue parsing
    }
}
if (Character.isWhitespace(c)) {
    i ++;
    continue L0;
}
if (c == ',') {
    // hmm, empty segment; ignore it
    i ++;
    continue L0;
}
if (c == '*') {
    // potential star
    matchAction.matchedAll(actionType);
    for (; ;) {
        i ++;
        if (i == length) {
            // done
            break L0;
        }
        c = actionString.charAt(i);
        if (c == ',') {
            // pointless, but go on
            i ++;
            continue L0;
        }
        if (! Character.isWhitespace(c)) {
            throw permission.unexpectedActionCharacter(c, i, actionString);
        }
    }
    // not reachable
}
// else it's a potentially valid character
int start = i;
for (; ;) {
    i ++;
    c = i < length ? actionString.charAt(i) : 0;
    if (i == length || Character.isWhitespace(c) || c == ',') {
        // action string ends here
        final E action = rootNode.get(actionString, start, i);
        if (action == null) {
            throw permission.invalidAction(actionString.substring(start, i), start, actionString);
        }
        matchAction.matched(action);
        if (i == length) {
            // done
            break L0;
        }
    }
    while (Character.isWhitespace(c)) {
        i ++;
    }
}
if (i == length) {
    // done
    break L0;
}
c = actionString.charAt(i);
}
if (c != ',') {
    throw permission.unexpectedActionCharacter(c, i, actionString);
}
i ++;
continue L0;
}
// not reachable
}

/**
 * Get the canonical action string representation for the given action set.
 *
 * @param set the action set
 * @param <E> the action type
 * @return the canonical representation
 */
public static <E extends Enum<E>> String getCanonicalActionString(EnumSet<E> set) {
    if (set == null || set.isEmpty()) return "";
    final StringBuilder b = new StringBuilder();
    getCanonicalActionString(set, b);
    return b.toString();
}

/**
 * Get the canonical action string representation for the given action set, appending it to the given string builder.
 *
 * @param set the action set
 * @param b the string builder
 * @param <E> the action type
 */
public static <E extends Enum<E>> void getCanonicalActionString(EnumSet<E> set, StringBuilder b) {
    if (set == null || set.isEmpty()) return;
    final Iterator<E> iterator = set.iterator();
    if (iterator.hasNext()) {
        E e = iterator.next();
        b.append(e.toString());
        while (iterator.hasNext()) {
            e = iterator.next();
            b.append(','");
            b.append(e.toString());
        }
    }
}
public static <E extends Enum<E>> String getCanonicalActionString(Class<E> type, int set) {
    if (set == 0) return "";
    final StringBuilder b = new StringBuilder();
    getCanonicalActionString(type, set, b);
    return b.toString();
}

public static <E extends Enum<E>> void getCanonicalActionString(Class<E> type, int set, StringBuilder b) {
    if (set == 0) return;
    @SuppressWarnings("unchecked")
    final E[] constants = (E[]) storedInfo.get(type).constants;
    int bit = Integer.lowestOneBit(set);
    E e = constants[Integer.numberOfTrailingZeros(bit)];
    b.append(e.toString());
    set &= ~bit;
    while (set != 0) {
        bit = Integer.lowestOneBit(set);
        e = constants[Integer.numberOfTrailingZeros(bit)];
        b.append(',').append(e.toString());
        set &= ~bit;
    }
}

public static <E extends Enum<E>> void getCanonicalActionString(Class<E> type, int set, StringBuilder b) {
    if (set == 0) return;
    @SuppressWarnings("unchecked")
    final E[] constants = (E[]) storedInfo.get(type).constants;
    int bit = Integer.lowestOneBit(set);
    E e = constants[Integer.numberOfTrailingZeros(bit)];
    b.append(e.toString());
    set &= ~bit;
    while (set != 0) {
        bit = Integer.lowestOneBit(set);
        e = constants[Integer.numberOfTrailingZeros(bit)];
        b.append(',').append(e.toString());
        set &= ~bit;
    }
    b.append(');
public static <E extends Enum<E>> String getCanonicalActionString(Class<E> type, long set) {
    if (set == 0) return "";
    final StringBuilder b = new StringBuilder();
    getCanonicalActionString(type, set, b);
    return b.toString();
}

/**
 * Get the canonical action string representation for the given action set, appending it to the given string builder.
 *
 * @param type the action [ @code enum] type class
 * @param set the action set
 * @param b the string builder
 * @param <E> the action type
 */
public static <E extends Enum<E>> void getCanonicalActionString(Class<E> type, long set, StringBuilder b) {
    if (set == 0) return;
    @SuppressWarnings("unchecked")
    final E[] constants = (E[]) storedInfo.get(type).constants;
    long bit = Long.lowestOneBit(set);
    E e = constants[Long.numberOfTrailingZeros(bit)];
    b.append(e.toString());
    set &= ~bit;
    while (set != 0) {
        bit = Long.lowestOneBit(set);
        e = constants[Long.numberOfTrailingZeros(bit)];
        b.append(',').append(e.toString());
        set &= ~bit;
    }
}

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 */
package org.wildfly.security.permission;

import java.security.Permission;
import java.util.NoSuchElementException;
import java.util.concurrent.atomic.AtomicLong;

import org.wildfly.security.util.EnumerationIterator;
import org.wildfly.security.util.StringEnumeration;

final class LongNameSetPermissionCollection extends NameSetPermissionCollection {
    private final AtomicLong bitSet = new AtomicLong();

    LongNameSetPermissionCollection(final AbstractPermission<?> sourcePermission, final StringEnumeration nameEnumeration) {
        super(sourcePermission, nameEnumeration);
    }

    private Permission permissionFor(int id) {
        return ((AbstractNamedPermission<?>)getSourcePermission()).withName(getNameEnumeration().nameOf(id));
    }

    protected void doAdd(final AbstractPermission<?> permission) {
        long setBits = getBitsForName(permission);
        final AtomicLong bitSet = this.bitSet;
        long oldVal;
        do {
            oldVal = bitSet.get();
            if ((oldVal & setBits) == setBits) {
                return;
            }
        } while (! bitSet.compareAndSet(oldVal, oldVal | setBits));
    }

    public boolean implies(final Permission permission) {
        if (permission.getClass() != getSourcePermission().getClass()) {
            return false;
        }
        long testBits = getBitsForName(permission);
        return (bitSet.get() & testBits) == testBits;
    }

    public int size() {
final int size = Long.bitCount(bitSet.get());
return size == getNameEnumeration().size() ? 1 : size;
}

public EnumerationIterator<Permission> iterator() {
    return new Iter(bitSet.get());
}

public EnumerationIterator<Permission> elements() {
    return iterator();
}

private long getBitsForName(final Permission permission) {
    final long bits;
    final String name = permission.getName();
    final StringEnumeration nameEnumeration = getNameEnumeration();
    if ("*".equals(name)) {
        // add all names
        bits = (1L << nameEnumeration.size()) - 1;
    } else {
        bits = 1L << nameEnumeration.indexOf(name);
    }
    return bits;
}

private class Iter implements EnumerationIterator<Permission> {
    private long bits;
    Iter(final long bits) {
        this.bits = bits;
    }
    public boolean hasMoreElements() {
        return bits != 0;
    }
    public Permission nextElement() {
        final long bits = this.bits;
        if (bits == 0) throw new NoSuchElementException();
        if (Long.bitCount(bits) == getNameEnumeration().size()) {
            this.bits = 0;
            return ((AbstractNamedPermission<?>) getSourcePermission()).withName("*");
        }
        long bit = Long.lowestOneBit(bits);
        this.bits = bits & ~bit;
        return permissionFor(Long.numberOfTrailingZeros(bit));
    }
}
public boolean hasNext() {
    return hasMoreElements();
}

public Permission next() {
    return nextElement();
}

package org.wildfly.security.permission;

import org.wildfly.security.util.StringEnumeration;

/**
 * An actionless permission with a finite, fixed set of possible names.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */

public abstract class AbstractNameSetOnlyPermission<This extends AbstractNameSetOnlyPermission<This>>
    extends AbstractNameOnlyPermission<This> {

    private final StringEnumeration nameEnumeration;

    /**
     * Construct a new instance.
     *
     * @param name the name of this permission
     * @param nameEnumeration the set of valid names for this permission type
     */
protected AbstractNameSetOnlyPermission(final String name, final StringEnumeration nameEnumeration) {
    super("*".equals(name) ? "*" : nameEnumeration.canonicalName(name));
    this.nameEnumeration = nameEnumeration;
}

StringEnumeration getNameEnumeration() {
    return nameEnumeration;
}

public AbstractPermissionCollection newPermissionCollection() {
    return NameSetPermissionCollection.newInstance(this, nameEnumeration);
}

public final boolean nameEquals(final String name) {
    return super.nameEquals(name);
}

public final boolean impliesName(final String name) {
    return super.impliesName(name);
}

protected final int nameHashCode() {
    return nameEnumeration.indexOf(getName());
}

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 * limitations under the License.
 */

package org.wildfly.security.permission;

/**
 * A base class for nameless and actionless permissions that are either granted or not granted.
 */
public abstract class AbstractBooleanPermission<This extends AbstractBooleanPermission<This>> extends AbstractPermission<This> {
    /**
     * Construct a new instance.
     */
    protected AbstractBooleanPermission() {
        super(""");
    }

    public boolean implies(final This permission) {
        return permission != null;
    }

    public boolean equals(final This other) {
        return other != null;
    }

    public int hashCode() {
        return getClass().hashCode();
    }

    public AbstractPermissionCollection newPermissionCollection() {
        return new BooleanPermissionCollection(this);
    }
}

package org.wildfly.security.auth.permission;

import org.wildfly.security.permission.AbstractNameOnlyPermission;
/**
 * The permission to change a role mapper category on a security identity.
 */

public final class ChangeRoleMapperPermission extends
AbstractNameOnlyPermission<ChangeRoleMapperPermission> { 

private static final long serialVersionUID = -6742662884954321082L;

/**
 * Construct a new instance.
 *
 * @param name the category name, or @code{*}@endcode for all categories
 */
public ChangeRoleMapperPermission(final String name) {
    super(name);
}

/**
 * Construct a new instance.
 *
 * @param name the category name, or @code{*}@endcode for all categories
 * @param ignored the permission actions (ignored)
 */
public ChangeRoleMapperPermission(final String name, @SuppressWarnings("unused") final String ignored) {
    this(name);
}

public ChangeRoleMapperPermission withName(final String name) {
    return new ChangeRoleMapperPermission(name);
}
}

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 */
package org.wildfly.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.security.Policy;
import java.security.ProtectionDomain;

import org.wildfly.common.Assert;
import org.wildfly.security._private.ElytronMessages;

/**
 * An interface for objects that can verify permissions.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
@FunctionalInterface
public interface PermissionVerifier {

/**
 * Determine if the permission is verified by this object.
 *
 * @param permission the permission to verify (must not be {@code null})
 * @return {@code true} if the permission is implied by this verifier, {@code false} otherwise
 */
boolean implies(Permission permission);

/**
 * Return a new verifier which implies permissions which are implied both by this verifier and by the given verifier.
 *
 * @param other the other verifier (must not be {@code null})
 * @return the new permission verifier (not {@code null})
 */
default PermissionVerifier and(PermissionVerifier other) {
    Assert.checkNotNullParam("other", other);
    return permission -> implies(permission) && other.implies(permission);
}

/**
 * Return a new verifier which implies permissions which are implied either by this verifier or by the given verifier.
 *
 * @param other the other verifier (must not be {@code null})
 * @return the new permission verifier (not {@code null})
 */
default PermissionVerifier or(PermissionVerifier other) {
    Assert.checkNotNullParam("other", other);
}
    return permission -> implies(permission) || other.implies(permission);
  }

/**
 * Return a new verifier which implies permissions which are implied by only one of this verifier or the given
 * verifier.
 * *
 * @param other the other verifier (must not be { @code null})
 * @return the new permission verifier (not { @code null})
 */
default PermissionVerifier xor(PermissionVerifier other) {
  Assert.checkNotNullParam("other", other);
  return permission -> implies(permission) ^ other.implies(permission);
}

/**
 * Return a new verifier which implies the opposite of this verifier.
 * *
 * @return the new permission verifier (not { @code null})
 */
default PermissionVerifier not() {
  return permission -> ! implies(permission);
}

/**
 * Return a new verifier which implies permissions which are implied by this verifier but not the given verifier.
 * *
 * @param other the other verifier (must not be { @code null})
 * @return the new permission verifier (not { @code null})
 */
default PermissionVerifier unless(PermissionVerifier other) {
  Assert.checkNotNullParam("other", other);
  return permission -> implies(permission) && ! other.implies(permission);
}

/**
 * Check a permission, throwing an exception if the permission is not implied.
 * *
 * @param permission the permission to check (must not be { @code null})
 * @throws SecurityException if the permission is not implied
 */
default void checkPermission(Permission permission) throws SecurityException {
  Assert.checkNotNullParam("permission", permission);
  if (! implies(permission)) {
    throw ElytronMessages.log.permissionCheckFailed(permission, this);
  }
}
/**
 * Get a permission verifier for a single permission.
 *
 * @param permission the permission (must not be {@code null})
 * @return the verifier (not {@code null})
 */
static PermissionVerifier from(Permission permission) {
    Assert.checkNotNullParam("permission", permission);
    return permission instanceof PermissionVerifier ? (PermissionVerifier) permission : permission::implies;
}

/**
 * Get a permission verifier for a permission collection.
 *
 * @param permissionCollection the permission collection (must not be {@code null})
 * @return the verifier (not {@code null})
 */
static PermissionVerifier from(PermissionCollection permissionCollection) {
    Assert.checkNotNullParam("permissionCollection", permissionCollection);
    return permissionCollection instanceof PermissionVerifier ? (PermissionVerifier) permissionCollection : permissionCollection::implies;
}

/**
 * Get a permission verifier for a protection domain.
 *
 * @param protectionDomain the protection domain (must not be {@code null})
 * @return the verifier (not {@code null})
 */
static PermissionVerifier from(ProtectionDomain protectionDomain) {
    Assert.checkNotNullParam("protectionDomain", protectionDomain);
    return protectionDomain instanceof PermissionVerifier ? (PermissionVerifier) protectionDomain : protectionDomain::implies;
}

/**
 * Get a permission verifier for a policy's view of a protection domain.
 *
 * @param policy the policy (must not be {@code null})
 * @param protectionDomain the protection domain (must not be {@code null})
 * @return the verifier (not {#code null})
 */
static PermissionVerifier from(Policy policy, ProtectionDomain protectionDomain) {
    Assert.checkNotNullParam("policy", policy);
    Assert.checkNotNullParam("protectionDomain", protectionDomain);
    return permission -> policy.implies(protectionDomain, permission);
}
** Convert this verifier a permission collection which implies everything this verifier implies. If this instance
* is already a { @code PermissionCollection} instance, then this instance may be cast and returned. Otherwise,
* this method may return a new, read-only collection, which cannot be iterated.
*  
* @return the permission collection (not { @code null})
*/
default PermissionCollection toPermissionCollection() {
    if (this instanceof PermissionCollection) {
        return (PermissionCollection) this;
    } else {
        return new PermissionVerifierPermissionCollection(this);
    }
}

/**
* A verifier which implies no permissions.
*/
PermissionVerifier NONE = permission -> false;

/**
* A verifier which implies all permissions.
*/
PermissionVerifier ALL = permission -> true;

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*/

package org.wildfly.security.permission;

import java.security.Permission;
import java.util.Collections;
import java.util.Enumeration;
import java.util.Iterator;

/**
 * The permission collection type for [link NoPermission].
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
final class NoPermissionCollection extends AbstractPermissionCollection {
    private static final long serialVersionUID = -8826282614161412469L;

    private static NoPermissionCollection INSTANCE = new NoPermissionCollection();

    NoPermissionCollection() {
        super(NoPermission.getInstance());
    }

    static NoPermissionCollection getInstance() {
        return INSTANCE;
    }

    protected void doAdd(final AbstractPermission<?, ?> permission) {
        // no action
    }

    public boolean implies(final Permission permission) {
        return false;
    }

    public Enumeration<Permission> elements() {
        return Collections.emptyEnumeration();
    }

    public Iterator<Permission> iterator() {
        return Collections.emptyIterator();
    }

    public int size() {
        return 0;
    }

    Object readResolve() {
        return INSTANCE;
    }

    public boolean equals(final Object obj) {
        return obj instanceof NoPermissionCollection;
    }
}
public int hashCode() {
    return getClass().hashCode();
}
}

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 */

package org.wildfly.security.permission;

import java.security.Permission;
import java.util.Enumeration;
import java.util.Iterator;
import java.util.concurrent.atomic.AtomicReference;

import org.wildfly.security.util.ArrayIterator;

/**
 * A trivially simple permission collection, suitable as a default for most permission types (though probably not as efficient
 * as a specialized type in many cases).
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public final class SimplePermissionCollection extends AbstractPermissionCollection {

    private static final long serialVersionUID = -9157630531211570679L;

    private final AtomicReference<Permission[]> permissionsRef = new AtomicReference<>(PermissionUtil.NO_PERMISSIONS);

    /**
     * Construct a new instance.
     *
     */

    public final class SimplePermissionCollection extends AbstractPermissionCollection {

        private static final long serialVersionUID = -9157630531211570679L;

        private final AtomicReference<Permission[]> permissionsRef = new AtomicReference<>(PermissionUtil.NO_PERMISSIONS);

        /**
         * Construct a new instance.
         *
         */
* @param sourcePermission the source permission for this collection (must not be {@code null}) */

public SimplePermissionCollection(final AbstractPermission<?> sourcePermission) {
    super(sourcePermission);
}

public int size() {
    return permissionsRef.get().length;
}

protected void doAdd(final AbstractPermission<?> permission) {
    Permission[] oldVal, readVal, newVal;
    int count;
    final AtomicReference<Permission[]> permissionsRef = this.permissionsRef;
    do {
        readVal = permissionsRef.get();
        do {
            count = 0;
            oldVal = readVal;
            for (Permission test : oldVal) {
                if (test.implies(permission)) {
                    return;
                }
                if (! permission.implies(test)) {
                    // prepare to skip any permissions that are obviated by this one
                    count ++;
                }
            }
            // see if it's still what we expect before we commit to the possibly expensive update...
            readVal = permissionsRef.get();
        } while (readVal != oldVal);
        newVal = new Permission[count + 1];
        int i = 0;
        for (Permission test : oldVal) {
            if (! permission.implies(test)) {
                newVal[i++] = test;
            }
        }
        newVal[i] = permission;
    } while (! permissionsRef.compareAndSet(oldVal, newVal));
}

public boolean implies(final Permission permission) {
    for (Permission test : permissionsRef.get()) {
        if (test.implies(permission)) {
            return true;
        }
    }
}


return false;
}

public Iterator<Permission> iterator() {
    return new ArrayIterator<Permission>(permissionsRef.get());
}

public Enumeration<Permission> elements() {
    return new ArrayIterator<Permission>(permissionsRef.get());
}

package org.wildfly.security.permission;

import java.security.Permission;
import java.util.Collections;
import java.util.Enumeration;
import java.util.Iterator;
import java.util.Set;

/**
 * A permission collection type which either does or does not hold its instance.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public final class BooleanPermissionCollection extends AbstractPermissionCollection {
    private volatile boolean added;

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     */

    package org.wildfly.security.permission;

    import java.security.Permission;
    import java.util.Collections;
    import java.util.Enumeration;
    import java.util.Iterator;
    import java.util.Set;

    /**
     * A permission collection type which either does or does not hold its instance.
     *
     * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
     */
    public final class BooleanPermissionCollection extends AbstractPermissionCollection {
        private volatile boolean added;

        /**
         * Construct a new instance.
         * */
public BooleanPermissionCollection(final AbstractPermission<?> sourcePermission) {
    super(sourcePermission);
}

public int size() {
    return added ? 1 : 0;
}

public Iterator<Permission> iterator() {
    return added ? getSingletonCollection().iterator() : Collections.emptyIterator();
}

public Enumeration<Permission> elements() {
    return added ? Collections.enumeration(getSingletonCollection()) : Collections.emptyEnumeration();
}

private Set<Permission> getSingletonCollection() {
    return Collections.singleton(getSourcePermission());
}

protected void doAdd(final AbstractPermission<?> permission) {
    added = true;
}

public boolean implies(final Permission permission) {
    return added && permission.getClass() == getSourcePermission().getClass();
}
package org.wildfly.security.permission;

import java.io.Serializable;
import java.security.Permission;
import java.security.PermissionCollection;
import java.util.ArrayList;

final class SerializedPermissionCollection implements Serializable {
    private static final long serialVersionUID = -8745428905589938281L;

    private final Permission s;
    private final Permission[] p;
    private final boolean r;

    SerializedPermissionCollection(final AbstractPermissionCollection collection) {
        s = collection.getSourcePermission();
        final ArrayList<Permission> list = new ArrayList<>(collection.size());
        collection.forEach(list::add);
        p = list.toArray(PermissionUtil.NO_PERMISSIONS);
        r = collection.isReadOnly();
    }

    Object readResolve() {
        final PermissionCollection collection = s.newPermissionCollection();
        for (Permission permission : p) {
            collection.add(permission);
        }
        if (r) collection.setReadOnly();
        return collection;
    }
}

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 */
package org.wildfly.security.auth.permission;

import org.wildfly.security.permission.AbstractNameOnlyPermission;

/**
 * The permission to run as another principal within some security domain. Note that this permission is checked
 * relative to the security domain that the user is authenticated to. The principal name is the effective name after all rewrite
 * operations have taken place.
 */
public final class RunAsPrincipalPermission extends AbstractNameOnlyPermission<RunAsPrincipalPermission> {

private static final long serialVersionUID = -3361334389433669815L;

/**
 * Construct a new instance.
 *
 * @param name the principal name, or * for global run-as permissions
 */
public RunAsPrincipalPermission(final String name) {
    super(name);
}

/**
 * Construct a new instance.
 *
 * @param name the principal name, or * for global run-as permissions
 * @param ignored the permission actions (ignored)
 */
public RunAsPrincipalPermission(final String name, @SuppressWarnings("unused") final String ignored) {
    this(name);
}

public RunAsPrincipalPermission withName(final String name) {
    return new RunAsPrincipalPermission(name);
}

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package org.wildfly.security.auth.permission;

import org.wildfly.security.permission.AbstractBooleanPermission;

/**
 * Establish whether the current identity has permission to complete an authentication ("log in").
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public final class LoginPermission extends AbstractBooleanPermission<LoginPermission> {

    private static final long serialVersionUID = -5776174571770792690L;

    /**
     * Construct a new instance.
     */
    public LoginPermission() {
    }

    /**
     * Construct a new instance.
     *
     * @param name ignored
     */
    public LoginPermission(@SuppressWarnings("unused") final String name) {
    }

    /**
     * Construct a new instance.
     *
     * @param name ignored
     * @param actions ignored
     */
    public LoginPermission(@SuppressWarnings("unused") final String name, @SuppressWarnings("unused") final String actions) {
    }

    private static final LoginPermission INSTANCE = new LoginPermission();

    /**
     * Construct a new instance.
     */
    public LoginPermission() {
    }

    /**
     * Construct a new instance.
     *
     * @param name ignored
     * @param actions ignored
     */
    public LoginPermission(@SuppressWarnings("unused") final String name, @SuppressWarnings("unused") final String actions) {
    }

    private static final LoginPermission INSTANCE = new LoginPermission();

    /**
     * Construct a new instance.
     */
    public LoginPermission() {
    }

    /**
     * Construct a new instance.
     *
     * @param name ignored
     * @param actions ignored
     */
    public LoginPermission(@SuppressWarnings("unused") final String name, @SuppressWarnings("unused") final String actions) {
    }

    private static final LoginPermission INSTANCE = new LoginPermission();

    /**
     * Construct a new instance.
     */
    public LoginPermission() {
    }

    /**
     * Construct a new instance.
     *
     * @param name ignored
     * @param actions ignored
     */
    public LoginPermission(@SuppressWarnings("unused") final String name, @SuppressWarnings("unused") final String actions) {
    }

    private static final LoginPermission INSTANCE = new LoginPermission();

    /**
     * Construct a new instance.
     */
    public LoginPermission() {
    }

    /**
     * Construct a new instance.
     *
     * @param name ignored
     * @param actions ignored
     */
    public LoginPermission(@SuppressWarnings("unused") final String name, @SuppressWarnings("unused") final String actions) {
    }

    private static final LoginPermission INSTANCE = new LoginPermission();
* Get the instance of this class.
* 
* @return the instance of this class
*/

public static LoginPermission getInstance() {
    return INSTANCE;
}
*/

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*/

package org.wildfly.security.permission;

import org.wildfly.common.Assert;
import org.wildfly.security.util.StringEnumeration;

/***
 * A permission collection for permissions with a finite set of names, which is based on a simple bit set.
 * In this type of collection, each bit represents a unique permission of a given name. This type is not suitable for
 * permissions with actions.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */

public abstract class NameSetPermissionCollection extends AbstractPermissionCollection {
    private static final long serialVersionUID = -9191397492173027470L;
    private final StringEnumeration nameEnumeration;

    /**
     * Construct a new instance. The name enumeration is pulled from the source permission object.
     *
     * @param sourcePermission the source permission object (must not be null)
     * @return the permission collection
     */
public static AbstractPermissionCollection newInstance(final AbstractNameSetOnlyPermission<?> sourcePermission) {
    return newInstance(sourcePermission, sourcePermission.getNameEnumeration());
}

/**
 * Construct a new instance.
 *
 * @param sourcePermission the source permission object (must not be {@code null})
 * @param nameEnumeration the name enumeration for this permission type (must not be {@code null})
 * @return the permission collection
 */
public static AbstractPermissionCollection newInstance(final AbstractPermission<?> sourcePermission, final StringEnumeration nameEnumeration) {
    Assert.checkNotNullParam("sourcePermission", sourcePermission);
    Assert.checkNotNullParam("nameEnumeration", nameEnumeration);
    final int size = nameEnumeration.size();
    if (size <= 32) {
        return new IntNameSetPermissionCollection(sourcePermission, nameEnumeration);
    } else if (size <= 64) {
        return new LongNameSetPermissionCollection(sourcePermission, nameEnumeration);
    } else {
        // TODO: add GiantNameSetPermissionCollection which uses AtomicIntegerArray
        throw Assert.unsupported();
    }
}

NameSetPermissionCollection(final AbstractPermission<?> sourcePermission, final StringEnumeration nameEnumeration) {
    super(sourcePermission);
    this.nameEnumeration = nameEnumeration;
}

StringEnumeration getNameEnumeration() {
    return nameEnumeration;
}

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 * http://www.apache.org/licenses/LICENSE-2.0
 */
package org.wildfly.security.permission;

import java.security.Permission;

import org.wildfly.security._private.ElytronMessages;

/**
 * An abstract base class for any permission.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public abstract class AbstractPermission<This extends AbstractPermission<This>> extends Permission implements PermissionVerifier {
  /**
   * Construct a new instance.
   *
   * @param name the permission name
   */
  protected AbstractPermission(final String name) {
    super(name);
  }

  /**
   * Determine whether this permission implies another permission.
   *
   * @param permission the other permission
   * @return true if this permission implies the other; false otherwise
   */
  @SuppressWarnings("unchecked")
  public final boolean implies(Permission permission) {
    return permission != null && getClass() == permission.getClass() && implies((This) permission);
  }

  /**
   * Determine whether this permission implies another permission.
   *
   * @param permission the other permission
   * @return true if this permission implies the other; false otherwise
   */
  public abstract boolean implies(This permission);
}
/**
 * Determine whether this permission object is equal to another object.
 * @param obj the object to compare to
 * @return [code true] if the object is a permission equal to this one; [code false] otherwise
 */
@SuppressWarnings("unchecked")
public final boolean equals(final Object obj) {
    return obj != null && obj.getClass() == getClass() && equals((This) obj);
}

/**
 * Determine whether this permission object is equal to another object of this permission type.
 * @param other the permission to compare to
 * @return [code true] if the object is a permission equal to this one; [code false] otherwise
 */
public abstract boolean equals(This other);

/**
 * Get the hash code of this permission. The result must be consistent with the defined [link \#equals(AbstractPermission)]
 * @return the hash code of this permission
 */
public abstract int hashCode();

/**
 * Get the actions string. The default implementation always returns an empty string.
 * @return the actions string (not [code null])
 */
public String getActions() {
    return "";
}

/**
 * Get an empty permission collection which is capable of holding instances of this permission type.
 * @return the permission collection to use
 */
public AbstractPermissionCollection newPermissionCollection() {
    return new SimplePermissionCollection(this);
}
/**
 * Check to ensure that the given action string is empty or { code null}; otherwise, throw an exception.
 *
 * @param actions the actions string
 * @throws IllegalArgumentException if the actions string is not empty
 */
protected static void requireEmptyActions(final String actions) throws IllegalArgumentException {
    if (actions != null && !actions.isEmpty()) {
        throw ElytronMessages.log.expectedEmptyActions(actions);
    }
}

final Object writeReplace() {
    return new SerializedPermission(getClass(), getName(), getActions());
}

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 * limitations under the License.
 */

package org.wildfly.security.permission;

/**
 * A permission which implies nothing, not even itself.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public final class NoPermission extends AbstractPermission<NoPermission> {
    private static final long serialVersionUID = 2339781690941885693L;
    private static final NoPermission INSTANCE = new NoPermission();

    private static final long serialVersionUID = 2339781690941885693L;

    /**
     * Construct a new instance.
     */
/*
public NoPermission() {
    super("<no permissions>");
}

/**
 * Construct a new instance. The name parameter is ignored.
 * @param ignored ignored
 */
public NoPermission(final String ignored) {
    this();
}

/**
 * Construct a new instance. The name and actions parameters are ignored.
 * @param ignored1 ignored
 * @param ignored2 ignored
 */
public NoPermission(final String ignored1, final String ignored2) {
    this();
}

/**
 * Get the no-permission instance.
 * @return the no-permission instance (not @code null)
 */
public static NoPermission getInstance() {
    return INSTANCE;
}

/**
 * Always returns @code false.
 * @param permission ignored
 * @return @code false
 */
public boolean implies(final NoPermission permission) {
    return false;
}

/**
 * Always returns @code false.
 * @param other the permission to compare to
 * @return @code true if @code other is not @code null; @code false otherwise
 */
public boolean equals(final NoPermission other) {
    return false;
}
public boolean equals(final NoPermission other) {
    return other != null;
}

/**
 * Get the constant hash code.
 *
 * @return the constant hash code
 */
public int hashCode() {
    return getClass().hashCode();
}

public AbstractPermissionCollection newPermissionCollection() {
    return NoPermissionCollection.getInstance();
}

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 * limitations under the License.
 */

package org.wildfly.security.permission;

import java.io.Serializable;
import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;
import org.wildfly.common.Assert;
import org.wildfly.security.util.StringMapping;

import org.wildfly.common.Assert;
import org.wildfly.security.util.StringMapping;

/**
 * Stub class for the unlikely event that a serialized instance is lying around somewhere.
 */
final class ElytronPermissionCollection extends PermissionCollection implements Serializable {

    private static final long serialVersionUID = 1L;

    private final int p1;

    ElytronPermissionCollection(final int p1) {
        this.p1 = p1;
    }

    public void add(final Permission permission) {
        throw Assert.unsupported();
    }

    public boolean implies(final Permission permission) {
        throw Assert.unsupported();
    }

    public Enumeration<Permission> elements() {
        throw Assert.unsupported();
    }

    Object readResolve() {
        final AbstractPermissionCollection collection = new ElytronPermission("*").newPermissionCollection();
        final StringMapping<ElytronPermission> mapping = ElytronPermission.mapping;
        int bits = p1;
        int test;
        while (bits != 0) {
            collection.add(mapping.getItemById(Integer.numberOfTrailingZeros(test = Integer.lowestOneBit(bits))));
            bits &= ~test;
        }
        if (isReadOnly()) {
            collection.setReadOnly();
        }
        return collection;
    }
}

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 *
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 * you may not use this file except in compliance with the License.
 */
package org.wildfly.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;
import org.wildfly.common.Assert;
import org.wildfly.security._private.ElytronMessages;

final class PermissionVerifierPermissionCollection extends PermissionCollection {
    private static final long serialVersionUID = 5119756048547471645L;
    private final PermissionVerifier verifier;

    PermissionVerifierPermissionCollection(final PermissionVerifier verifier) {
        this.verifier = verifier;
        setReadOnly();
    }

    public void add(final Permission permission) {
        throw ElytronMessages.log.readOnlyPermissionCollection();
    }

    public boolean implies(final Permission permission) {
        return verifier.implies(permission);
    }

    public Enumeration<Permission> elements() {
        throw Assert.unsupported();
    }
}

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 *
 * Licensed under the Apache License, Version 2.0 (the "License");
package org.wildfly.security.permission;

import org.wildfly.common.Assert;

import java.security.Permission;

/**<p>
   * An abstract base class for named permissions with useful API and implementation methods.
   * <p>
   * Subclasses of this class are always serialized as a special serialized permission object, which captures the type
   * class, the permission name (if any), and the permission action (if any) as a string. Therefore, none of the fields of any
   * subclass of this class are serialized unless they are included in the name or actions properties.
   * <p>
   * Concrete subclasses are expected to be immutable and final.
   * </p>
   *</p>
   *
   * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
   */
   public abstract class AbstractNamedPermission<This extends AbstractNamedPermission<This>> extends
   AbstractPermission<This> {
   private static final long serialVersionUID = 5774685776540853292L;

   /**
    * Construct a new instance.
    *
    * @param name the permission name (must not be {@code null})
    */
   protected AbstractNamedPermission(final String name) {
      super(Assert.checkNotNullParam("name", name));
   }

   /**
    * Create a new permission which is identical to this one, except with a new { @code name }.
    *
    * @param name the name to use (must not be { @code null })
    * @return the new permission
public abstract This withName(String name);

/**
 * Determine whether this permission has a name equal to the given name.
 *
 * @param name the name to check
 * @return [ @code true] if this permission's name is equal to the given name, [ @code false] otherwise
 */
public boolean nameEquals(final String name) {
    return getName().equals(name);
}

/**
 * Determine whether this permission has a name equal to the name of the given permission. If the given
 * permission
 * is of a different type than this permission, [ @code false] is returned.
 *
 * @param permission the permission whose name is to be checked
 * @return [ @code true] if this permission's name is equal to the given permission's name, [ @code false]
 * otherwise
 */
@SuppressWarnings("unchecked")
public final boolean nameEquals(final Permission permission) {
    return permission != null && permission.getClass() == getClass() && nameEquals((This) permission);
}

/**
 * Determine whether this permission has a name equal to the name of the given permission.
 *
 * @param permission the permission whose name is to be checked
 * @return [ @code true] if this permission's name is equal to the given permission's name, [ @code false]
 * otherwise
 */
public final boolean nameEquals(final This permission) {
    return permission != null && nameEquals(permission.getName());
}

/**
 * Get the hash code of the name. The default implementation returns [ @code getName().hashCode()].
 *
 * @return the hash code of the name
 */
protected int nameHashCode() {
    return getName().hashCode();
}
* Determine whether this permission implies the given name.
*
* @param name the name to check
* @return [ @code true] if this permission's name implies the given name, [ @code false] otherwise
*/
public boolean impliesName(final String name) {
    return nameEquals("*") || nameEquals(name);
}

/**
 * Determine whether this permission implies the name of the given permission. If
 * the permission is not of the same type as this permission, [ @code false] is returned.
 *
 * @param permission the permission whose name is to be checked
 * @return [ @code true] if this permission's name implies the given name, [ @code false] otherwise
 */
@SuppressWarnings("unchecked")
public final boolean impliesName(final Permission permission) {
    return permission != null && permission.getClass() == getClass() && impliesName((This) permission);
}

/**
 * Determine whether this permission implies the name of the given permission.
 *
 * @param permission the permission whose name is to be checked
 * @return [ @code true] if this permission's name implies the given name, [ @code false] otherwise
 */
public boolean impliesName(final This permission) {
    return permission != null && impliesName(permission.getName());
}

public boolean implies(final This permission) {
    return permission != null && impliesName(permission);
}

public boolean equals(final This other) {
    return other != null && nameEquals(other);
}

public int hashCode() {
    return getClass().hashCode() * 71 + nameHashCode();
}

/*
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 */
package org.wildfly.security.permission;

import java.lang.reflect.Constructor;
import java.lang.reflect.InvocationTargetException;
import java.lang.reflect.UndeclaredThrowableException;
import java.security.AllPermission;
import java.security.Permission;
import java.security.PermissionCollection;
import java.security.Permissions;
import java.util.Arrays;
import java.util.Collection;
import java.util.Enumeration;
import java.util.Iterator;
import java.util.function.BiConsumer;
import java.util.function.BiPredicate;
import java.util.function.Consumer;
import java.util.function.IntFunction;
import java.util.function.LongFunction;
import java.util.function.Predicate;
import java.util.function.ToIntFunction;
import java.util.function.ToLongFunction;
import org.wildfly.common.Assert;
import org.wildfly.security._private.ElytronMessages;

/**
   * General permission utility methods and constants.
   *
   * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
   */
public final class PermissionUtil {

    private PermissionUtil() {
    }

}
public static final Permission ALL_PERMISSION = new AllPermission();

public static final PermissionCollection ALL_PERMISSIONS;

public static final PermissionCollection EMPTY_PERMISSION_COLLECTION;

public static final Permission[] NO_PERMISSIONS = new Permission[0];

static {
    Permissions permissions = new Permissions();
    permissions.add(ALL_PERMISSION);
    permissions.setReadOnly();
    ALL_PERMISSIONS = permissions;
    permissions = new Permissions();
    permissions.setReadOnly();
    EMPTY_PERMISSION_COLLECTION = permissions;
}

public static int parseActions(String actionsString, ToIntFunction<String> function) throws IllegalArgumentException {
    Assert.checkNotNullParam("actionsString", actionsString);
    Assert.checkNotNullParam("function", function);
    int actions = 0;
    int pos = 0;
    int idx = actionsString.indexOf(,);
    for (;;) {
        String str;
if (idx == -1) {
    str = actionsString.substring(pos, actionsString.length()).trim();
    if (!str.isEmpty()) actions |= function.applyAsInt(str);
    return actions;
} else {
    str = actionsString.substring(pos, idx).trim();
    pos = idx + 1;
    if (!str.isEmpty()) actions |= function.applyAsInt(str);
    idx = actionsString.indexOf(',', pos);
}
}

/**
 * Parse an actions string, using the given function to map action strings to bits.
 *
 * @param actionsString the actions string (must not be null)
 * @param function the mapping function (must not be null)
 * @return the union of all the action bits
 * @throws IllegalArgumentException if function throws this exception (indicating an invalid action string)
 */
public static long parseActions(String actionsString, ToLongFunction<String> function) throws IllegalArgumentException {
    Assert.checkNotNullParam("actionsString", actionsString);
    Assert.checkNotNullParam("function", function);
    long actions = 0;
    int pos = 0;
    int idx = actionsString.indexOf(','
    for (;;) {
        String str;
        if (idx == -1) {
            str = actionsString.substring(pos, actionsString.length()).trim();
            if (!str.isEmpty()) actions |= function.applyAsLong(str);
            return actions;
        } else {
            str = actionsString.substring(pos, idx).trim();
            pos = idx + 1;
            if (!str.isEmpty()) actions |= function.applyAsLong(str);
            idx = actionsString.indexOf(' ',', pos);
        }
    }

    /**
     * Deparse an action bit set, using the given function to map action bits to strings. If the bits are all clear,
     * the empty string [code "]" is returned.
     */
public static String toActionsString(int actionBits, IntFunction<String> mappingFunction) {
    Assert.checkNotNullParam("mappingFunction", mappingFunction);
    final StringBuilder sb = new StringBuilder();
    if (actionBits == 0) return "";
    int lb = Integer.highestOneBit(actionBits);
    sb.append(mappingFunction.apply(lb));
    actionBits &= ~lb;
    while (actionBits != 0) {
        lb = Integer.highestOneBit(actionBits);
        sb.append(',').append(mappingFunction.apply(lb));
        actionBits &= ~lb;
    }
    return sb.toString();
}

public static String toActionsString(long actionBits, LongFunction<String> mappingFunction) {
    Assert.checkNotNullParam("mappingFunction", mappingFunction);
    final StringBuilder sb = new StringBuilder();
    if (actionBits == 0) return "";
    long lb = Long.highestOneBit(actionBits);
    sb.append(mappingFunction.apply(lb));
    actionBits &= ~lb;
    while (actionBits != 0) {
        lb = Long.highestOneBit(actionBits);
        sb.append(',').append(mappingFunction.apply(lb));
        actionBits &= ~lb;
    }
    return sb.toString();
}
public static Iterable<Permission> iterable(PermissionCollection pc) {
    return () -> {
        final Enumeration<Permission> elements = pc.elements();
        return new Iterator<Permission>() {
            public boolean hasNext() {
                return elements.hasMoreElements();
            }
            public Permission next() {
                return elements.nextElement();
            }
        };
    };
}

/**
 * Perform an action for each permission in the given collection.
 * @param collection the collection (must not be null)
 * @param consumer the consumer to which each permission should be passed (must not be null)
 */
public static void forEachIn(PermissionCollection collection, Consumer<Permission> consumer) {
    Assert.checkNotNullParam("collection", collection);
    Assert.checkNotNullParam("consumer", consumer);
    final Enumeration<Permission> elements = collection.elements();
    while (elements.hasMoreElements()) {
        consumer.accept(elements.nextElement());
    }
}

/**
 * Perform an action for each permission in the given collection.
 * @param collection the collection (must not be null)
 * @param parameter the parameter to pass to the consumer
 * @param consumer the consumer to which each permission should be passed (must not be null)
 * @param <P> the type of the parameter
 * @return the parameter that was passed in
 */
public static <P> P forEachIn(PermissionCollection collection, BiConsumer<P, Permission> consumer, P parameter) {
    Assert.checkNotNullParam("collection", collection);
    Assert.checkNotNullParam("consumer", consumer);
    final Enumeration<Permission> elements = collection.elements();
    while (elements.hasMoreElements()) {
        consumer.accept(parameter, elements.nextElement());
    }
    return parameter;
}
/**
 * Run a test for each permission in the given collection. If the predicate returns \{@code false\} for any element,
 * \{@code false\} is returned; otherwise, \{@code true\} is returned.
 *
 * @param collection the collection (must not be \{@code null\})
 * @param predicate the predicate to apply to each element (must not be \{@code null\})
 * @return \{@code true\} if the predicate matched all the permissions in the collection, \{@code false\} otherwise
 */
public static boolean forEachIn(PermissionCollection collection, Predicate<Permission> predicate) {
    Assert.checkNotNullParam("collection", collection);
    Assert.checkNotNullParam("predicate", predicate);
    final Enumeration<Permission> elements = collection.elements();
    while (elements.hasMoreElements()) {
        if (! predicate.test(elements.nextElement())) {
            return false;
        }
    }
    return true;
}

/**
 * Run a test for each permission in the given collection. If the predicate returns \{@code false\} for any element,
 * \{@code false\} is returned; otherwise, \{@code true\} is returned.
 *
 * @param collection the collection (must not be \{@code null\})
 * @param parameter the parameter to pass to the consumer
 * @param predicate the predicate to apply to each element (must not be \{@code null\})
 * @param <P> the type of the parameter
 * @return \{@code true\} if the predicate matched all the permissions in the collection, \{@code false\} otherwise
 */
public static <P> boolean forEachIn(PermissionCollection collection, BiPredicate<P, Permission> predicate, P parameter) {
    Assert.checkNotNullParam("collection", collection);
    Assert.checkNotNullParam("predicate", predicate);
    final Enumeration<Permission> elements = collection.elements();
    while (elements.hasMoreElements()) {
        if (! predicate.test(parameter, elements.nextElement())) {
            return false;
        }
    }
    return true;
}

/**
 * Create a permission collection that is the union of two permission collections. The permission
 * collections must be read-only.
 */
public static PermissionCollection union(PermissionCollection pc1, PermissionCollection pc2) {
    Assert.checkNotNullParam("pc1", pc1);
    Assert.checkNotNullParam("pc2", pc2);
    if (! pc1.isReadOnly() || ! pc2.isReadOnly()) {
        throw ElytronMessages.log.permissionCollectionMustBeReadOnly();
    }
    if (pc1.implies(ALL_PERMISSION) || pc2.implies(ALL_PERMISSION)) {
        return ALL_PERMISSIONS;
    } else {
        return new UnionPermissionCollection(pc1, pc2);
    }
}

/**
 * Create a permission collection that is the intersection of two permission collections. The permission
 * collections must be read-only.
 *
 * @param collection the collection to check against (must not be {@code null})
 * @param testCollection the collection whose permissions are to be tested (must not be {@code null})
 * @return {@code true} if {@code collection} implies all of the permissions in {@code testCollection}, {@code false} otherwise
 */
public static PermissionCollection intersection(PermissionCollection pc1, PermissionCollection pc2) {
    Assert.checkNotNullParam("pc1", pc1);
    Assert.checkNotNullParam("pc2", pc2);
    if (! pc1.isReadOnly() || ! pc2.isReadOnly()) {
        throw ElytronMessages.log.permissionCollectionMustBeReadOnly();
    }
    if (pc1.implies(ALL_PERMISSION)) {
        return pc2;
    } else if (pc2.implies(ALL_PERMISSION)) {
        return pc1;
    } else {
        return new IntersectionPermissionCollection(pc1, pc2);
    }
}

/**
 * Determine if one collection implies all the permissions in the other collection.
 *
 * @param collection the collection to check against (must not be {@code null})
 * @param testCollection the collection whose permissions are to be tested (must not be {@code null})
 * @return {@code true} if {@code collection} implies all of the permissions in {@code testCollection}, {@code false} otherwise
 */
public static boolean impliesAll(PermissionCollection collection, PermissionCollection testCollection) {
    return forEachIn(collection, PermissionCollection::implies, testCollection);
}

/**
 * Determine if two permission collections are equal, that is, each collection implies all of the permissions in the
 * other collection.
 *
 * @param pc1 the first collection (must not be { @code null})
 * @param pc2 the second collection (must not be { @code null})
 * @return { @code true} if the collections imply one another, { @code false} otherwise
 */
public static boolean equals(PermissionCollection pc1, PermissionCollection pc2) {
    return impliesAll(pc1, pc2) && impliesAll(pc2, pc1);
}

/**
 * Add all of the permissions from the source collection to the target collection.
 *
 * @param target the target collection (must not be { @code null})
 * @param source the source collection (must not be { @code null})
 * @return the target collection (not { @code null})
 */
public static PermissionCollection addAll(PermissionCollection target, PermissionCollection source) {
    return forEachIn(source, PermissionCollection::add, target);
}

/**
 * Add all of the permissions from the source collection to the target collection.
 *
 * @param target the target collection (must not be { @code null})
 * @param source the source collection (must not be { @code null})
 * @return the target collection (not { @code null})
 */
public static PermissionCollection addAll(PermissionCollection target, Collection<Permission> source) {
    source.forEach(target::add);
    return target;
}

/**
 * Add a permission to a collection, returning the target collection.  If the permission is { @code null}, it is
 * not added.
 *
 * @param target the target collection (must not be { @code null})
 * @param source the permission to add
 * @return the target collection (not { @code null})
 */
public static PermissionCollection add(PermissionCollection target, Permission source) {
    Assert.checkNotNullParam("target", target);
    if (source != null) target.add(source);
    return target;
}

/**
 * Instantiate a permission with the given class name, permission name, and actions.
 * @param classLoader the class loader to search in (null indicates the system class loader)
 * @param className the name of the permission class to instantiate (must not be null)
 * @param name the permission name (may be null if allowed by the permission class)
 * @param actions the permission actions (may be null if allowed by the permission class)
 * @return the permission object (not null)
 * @throws InvalidPermissionClassException if the permission class does not exist or is not valid
 * @throws ClassCastException if the class name does not refer to a subclass of Permission
 */

public static Permission createPermission(final ClassLoader classLoader, final String className, final String
name, final String actions) {
    Assert.checkNotNullParam("className", className);
    final Class<? extends Permission> permissionClass;
    try {
        permissionClass = Class.forName(className, true, classLoader).asSubclass(Permission.class);
    } catch (ClassNotFoundException e) {
        throw ElytronMessages.log.permissionClassMissing(className, e);
    }
    return createPermission(permissionClass, name, actions);
}

/**
 * Instantiate a permission with the given class, permission name, and actions.
 * @param permissionClass the permission class to instantiate (must not be null)
 * @param name the permission name (may be null if allowed by the permission class)
 * @param actions the permission actions (may be null if allowed by the permission class)
 * @return the permission object (not null)
 * @throws InvalidPermissionClassException if the permission class does not exist or is not valid
 */

public static Permission createPermission(final Class<? extends Permission> permissionClass, final String name,
final String actions) {
    Assert.checkNotNullParam("permissionClass", permissionClass);
    final Class<?> extends Permission> permissionClass;
    try {
        permissionClass = Class.forName(className, true, classLoader).asSubclass(Permission.class);
    } catch (ClassNotFoundException e) {
        throw ElytronMessages.log.permissionClassMissing(className, e);
    }
    return createPermission(permissionClass, name, actions);
}

/**
 * Instantiate a permission with the given class name, permission name, and actions.
 * @param classLoader the class loader to search in (null indicates the system class loader)
 * @param className the name of the permission class to instantiate (must not be null)
 * @param name the permission name (may be null if allowed by the permission class)
 * @param actions the permission actions (may be null if allowed by the permission class)
 * @return the permission object (not null)
 * @throws InvalidPermissionClassException if the permission class does not exist or is not valid
 * @throws ClassCastException if the class name does not refer to a subclass of Permission
 */

public static Permission createPermission(final ClassLoader classLoader, final String className, final String
name, final String actions) {
    Assert.checkNotNullParam("className", className);
    final Class<? extends Permission> permissionClass;
    try {
        permissionClass = Class.forName(className, true, classLoader).asSubclass(Permission.class);
    } catch (ClassNotFoundException e) {
        throw ElytronMessages.log.permissionClassMissing(className, e);
    }
    return createPermission(permissionClass, name, actions);
}

/**
 * Instantiate a permission with the given class, permission name, and actions.
 * @param permissionClass the permission class to instantiate (must not be null)
 * @param name the permission name (may be null if allowed by the permission class)
 * @param actions the permission actions (may be null if allowed by the permission class)
 * @return the permission object (not null)
 * @throws InvalidPermissionClassException if the permission class does not exist or is not valid
 * @throws ClassCastException if the class name does not refer to a subclass of Permission
 */

public static Permission createPermission(final Class<? extends Permission> permissionClass, final String name,
final String actions) {
    Assert.checkNotNullParam("permissionClass", permissionClass);
    final Class<?> extends Permission> permissionClass;
    try {
        permissionClass = Class.forName(className, true, classLoader).asSubclass(Permission.class);
    } catch (ClassNotFoundException e) {
        throw ElytronMessages.log.permissionClassMissing(className, e);
    }
    return createPermission(permissionClass, name, actions);
}
if (parameterTypes.length == 2 && parameterTypes[0] == String.class && parameterTypes[1] == String.class) {
    twoArg = ctor;
} else if (parameterTypes.length == 1 && parameterTypes[0] == String.class) {
    oneArg = ctor;
} else if (parameterTypes.length == 0) {
    noArgs = ctor;
}
}

try {
    if (twoArg != null) {
        return twoArg.newInstance(name, actions);
    } else if (oneArg != null) {
        return oneArg.newInstance(name);
    } else if (noArgs != null) {
        return noArgs.newInstance();
    } else {
        throw ElytronMessages.log.noPermissionConstructor(permissionClass.getName());
    }
} catch (IllegalAccessException e) {
    throw new IllegalAccessError(e.getMessage());
} catch (InstantiationException e) {
    throw ElytronMessages.log.permissionInstantiation(permissionClass.getName(), e);
} catch (InvocationTargetException e) {
    try {
        throw e.getCause();
    } catch (Error | RuntimeException cause) {
        throw cause;
    } catch (Throwable cause) {
        throw new UndeclaredThrowableException(cause);
    }
}

/**
 * Get a read-only collection of the given permissions.
 *
 * @param permissions the permissions to assign
 * @return the read-only collection
 */
public static PermissionCollection readOnlyCollectionOf(Permission... permissions) {
    final int length = permissions.length;
    if (length == 0) {
        return EMPTY_PERMISSION_COLLECTION;
    } else {
        Permissions collection = new Permissions();
        addAll(collection, Arrays.asList(permissions));
        collection.setReadOnly();
    }
}
return collection;
}
}
}
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* limitations under the License.
*/

package org.wildfly.security.permission;

import org.wildfly.common.Assert;
import org.wildfly.security.util.StringEnumeration;
import org.wildfly.security.util.StringMapping;

/**
 * A general Elytron permission. The permission {code name} must be one of the following:
 * <ul>
 * <li>{@code authenticate}</li>
 * <li>{@code createAuthenticator}</li>
 * <li>{@code createAuthenticationContextConfigurationClient}</li>
 * <li>{@code createSecurityDomain}</li>
 * <li>{@code createSecurityRealm}</li>
 * <li>{@code registerSecurityDomain}</li>
 * <li>{@code getSecurityDomain}</li>
 * <li>{@code unregisterSecurityDomain}</li>
 * <li>{@code setRunAsPrincipal}</li>
 * <li>{@code createServerAuthenticationContext}</li>
 * <li>{@code getPrivateCredentials}</li>
 * <li>{@code getIdentity}</li>
 * <li>{@code getIdentityForUpdate}</li>
 * <li>{@code createAdHocIdentity}</li>
 * </ul>
 * The {code actions} are not used and should be empty or {code null}.
 */
public final class ElytronPermission extends AbstractNameSetOnlyPermission<ElytronPermission> {

private static final long serialVersionUID = 6124294238228442419L;

private static final StringEnumeration strings = StringEnumeration.of(
    "authenticate",
    "createAuthenticator",
    "createAuthenticationContextConfigurationClient",
    "createSecurityDomain",
    "createSecurityRealm",
    "registerSecurityDomain",
    "getSecurityDomain",
    "unregisterSecurityDomain",
    "setRunAsPrincipal",
    "createServerAuthenticationContext",
    "getPrivateCredentials",
    "getIdentity",
    "getIdentityForUpdate",
    "createAdHocIdentity"
);

static final StringMapping<ElytronPermission> mapping = new StringMapping<>(strings,
    ElytronPermission::new);

private static final ElytronPermission allPermission = new ElytronPermission("*");

/**
 * Construct a new instance.
 *
 * @param name the name of the permission
 */
public ElytronPermission(final String name) {
    this(name, null);
}

/**
 * Construct a new instance.
 *
 * @param name the name of the permission
 * @param actions the actions (should be empty)
 */
public ElytronPermission(final String name, final String actions) {
    super(name, strings);
    requireEmptyActions(actions);
}
public ElytronPermission withName(final String name) {
    return forName(name);
}

/**
 * Get the permission with the given name.
 * @param name the name (must not be {@code null})
 * @return the permission (not {@code null})
 * @throws IllegalArgumentException if the name is not valid
 */
public static ElytronPermission forName(final String name) {
    Assert.checkNotNullParam("name", name);
    return name.equals("*") ? allPermission : mapping.getItemByName(name);
}

package org.wildfly.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;
import org.wildfly.common.Assert;
import org.wildfly.security._private.ElytronMessages;

final class IntersectionPermissionCollection extends PermissionCollection implements PermissionVerifier {
    private static final long serialVersionUID = 8045087406778847303L;
    private final PermissionCollection pc1;
    private final PermissionCollection pc2;
}

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 */

package org.wildfly.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;
import org.wildfly.common.Assert;
import org.wildfly.security._private.ElytronMessages;

final class IntersectionPermissionCollection extends PermissionCollection implements PermissionVerifier {
    private static final long serialVersionUID = 8045087406778847303L;
    private final PermissionCollection pc1;
    private final PermissionCollection pc2;
IntersectionPermissionCollection(final PermissionCollection pc1, final PermissionCollection pc2) {
    this.pc1 = pc1;
    this.pc2 = pc2;
    setReadOnly();
}

public void add(final Permission permission) {
    throw ElytronMessages.log.readOnlyPermissionCollection();
}

public boolean implies(final Permission permission) {
    return pc1.implies(permission) && pc2.implies(permission);
}

public Enumeration<Permission> elements() {
    // TODO: this is theoretically possible to implement using an IntersectionCollectionPermission;
    // however the primary use case is going to be in protection domains and verification scenarios so we may
    // not ever actually need this
    throw Assert.unsupported();
}

package org.wildfly.security.permission;
import java.security.Permission;
import org.wildfly.common.Assert;

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 */

import java.security.Permission;
import org.wildfly.common.Assert;

/**
 * An abstract base class for named permissions that have actions, with useful API and implementation methods. All
* the constraints described in [@link AbstractNamedPermission] apply.
* 
* @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
* /

public abstract class AbstractActionPermission<This extends AbstractActionPermission<This>> extends AbstractNamedPermission<This> {
    private static final long serialVersionUID = -1366772439176432333L;

    /**
     * Construct a new instance.
     *
     * @param name the permission name
     */
    protected AbstractActionPermission(final String name) {
        super(name);
    }

    /**
     * Determine whether this permission implies another permission.  Returns [@code true] if
     * both [@link #impliesActions(AbstractActionPermission)] and [@link
     * #impliesName(AbstractNamedPermission)]
     * return [@code true].
     *
     * @param permission the other permission
     * @return [@code true] if this permission implies the other; [@code false} otherwise
     */
    public final boolean implies(final This permission) {
        return permission != null && impliesActions(permission) && impliesName(permission);
    }

    /**
     * Determine whether this permission is equal to another permission.  Returns [@code true] if
     * both [@link #actionsEquals(AbstractActionPermission)} and [@link
     * #nameEquals(AbstractNamedPermission)]
     * return [@code true].
     *
     * @param permission the other permission
     * @return [@code true] if this permission implies the other; [@code false} otherwise
     */
    public final boolean equals(final This permission) {
        return super.equals(permission) && actionsEquals(permission);
    }

    public final int hashCode() {
        return super.hashCode() * 53 + actionsHashCode();
    }

    /**
* Determine whether the actions of this permission are equal to the given \[\text{code} \text{actions}\].

* \ [@\text{param} \text{actions the actions string (must not be} \ [\text{code \ null}]\)]
* \ [@\text{return} \ [\text{code} \text{true}] \text{if the actions are equal,} \ [\text{code} \text{false}] \text{otherwise} \text{]}\]

public abstract boolean actionsEquals(String actions);

/**
 * Determine whether the actions of this permission are equal to the actions of given \[\text{code} \text{permission}\]. If
 * the permission is not of the same type as this permission, \[\text{code} \text{false}\] is returned.
 *
 * \ [@\text{param} \text{permission the permission whose actions are to be compared} \text{]}\]
 * \ [@\text{return} \ [\text{code} \text{true}] \text{if the actions are equal,} \ [\text{code} \text{false}] \text{otherwise} \text{]}\]
 *
@SuppressWarnings("unchecked")
public final boolean actionsEquals(Permission permission) {
    return permission != null && permission.getClass() == getClass() && actionsEquals((This) permission);
}

/**
 * Determine whether the actions of this permission are equal to the actions of given \[\text{code} \text{permission}\].
 *
 * \ [@\text{param} \text{permission the permission whose actions are to be compared} \text{]}\]
 * \ [@\text{return} \ [\text{code} \text{true}] \text{if the actions are equal,} \ [\text{code} \text{false}] \text{otherwise} \text{]}\]
 *
public abstract boolean actionsEquals(This permission);

/**
 * Get the actions hash code.
 *
 * \ [@\text{return} the actions hash code \text{]}\]
 */
protected abstract int actionsHashCode();

/**
 * Determine whether this permission's actions value implies the given actions value.
 *
 * \ [@\text{param} \text{actions the actions to test (must not be} \ [\text{code \ null}]\)]
 * \ [@\text{return} \ [\text{code} \text{true}] \text{if this permission implies the other;} \ [\text{code} \text{false}] \text{otherwise} \text{]}\]
 *
public abstract boolean impliesActions(String actions);

/**
 * Determine whether this permission's actions value implies the actions of the given \[\text{code} \text{permission}\]. If
 * the permission is not of the same type as this permission, \[\text{code} \text{false}\] is returned.
 *
 * \ [@\text{param} \text{permission the permission whose actions are to be compared} \text{]}\]
 * \ [@\text{return} \ [\text{code} \text{true}] \text{if this permission implies the other;} \ [\text{code} \text{false}] \text{otherwise} \text{]}\]
 */
/**
 * Determine whether this permission's actions value implies the actions of the given {code permission}.
 * @param permission the permission whose actions are to be compared
 * @return {code true} if this permission implies the other; {code false} otherwise
 */
public abstract boolean impliesActions(This permission);

/**
 * Get a permission which is identical to this one, but with new actions which consist of the union of the actions
 * from this permission and the actions from the given string. The returned permission may or may not be a new
 * instance, and may be equal to this instance.
 * @param actionsString the actions string (must not be {code null})
 * @return the permission (not {code null})
 */
public abstract This withActions(String actionsString);

/**
 * Get a permission which is identical to this one, but with new actions which consist of the union of the actions
 * from this permission and the actions from the given permission. The returned permission may or may not be a
 * new instance, and may be equal to this instance.
 * @param permission the other permission (must not be {code null})
 * @return the permission (not {code null})
 */
public This withActionsFrom(This permission) {
    Assert.checkNotNullParam("permission", permission);
    return withActions(permission.getActions());
}

/**
 * Get a permission which is identical to this one, but with new actions which consist of the actions
 * from this permission without the actions from the given string. The returned permission may or may not be a
 * new instance, and may be equal to this instance.
 * @param actionsString the actions string (must not be {code null})
 * @return the permission (not {code null})
 */
public abstract This withoutActions(String actionsString);
/**
 * Get a permission which is identical to this one, but with new actions which consist of the actions
 * from this permission without the actions from the given permission. The returned permission may or may not
 * be a new
 * instance, and may be equal to this instance.
 *
 * @param permission the other permission (must not be [ @code null])
 * @return the permission (not [ @code null])
 */
public This withoutActionsFrom(This permission) {
    Assert.checkNotNullParam("permission", permission);
    return withActions(permission.getActions());
}

/**
 * Get a permission which is identical to this one, but with new actions as given by [ @code actionsString].
 * The returned permission may or may not be a new instance, and may be equal to this instance.
 *
 * @param actionsString the actions string (must not be [ @code null])
 * @return the permission (not [ @code null])
 */
public abstract This withNewActions(String actionsString);

/**
 * Get a permission which is identical to this one, but with new actions as given by [ @code actionsString].
 * The returned permission may or may not be a new instance, and may be equal to this instance.
 *
 * @param permission the other permission (must not be [ @code null])
 * @return the permission (not [ @code null])
 */
public This withNewActionsFrom(This permission) {
    Assert.checkNotNullParam("permission", permission);
    return withNewActions(permission.getActions());
}

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 */
package org.wildfly.security.permission;

import org.wildfly.security.util.StringEnumeration;

/**
 * An abstract base class for permissions which use a bit set to represent actions.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public abstract class AbstractActionSetPermission<This extends AbstractActionSetPermission<This>> extends AbstractActionPermission<This> {
    private static final long serialVersionUID = 897239118282921196L;

    private final StringEnumeration actionEnumeration;
    private final int actionBits;
    private String actions;

    /**
     * Construct a new instance. The given bits are masked by \{@link #actionsMask()\} before being stored in the object
     * instance.
     *
     * @param name the permission name
     * @param actionBits the permission action bits
     * @param actionEnumeration the permission actions enumeration
     */
    protected AbstractActionSetPermission(final String name, final int actionBits, final StringEnumeration actionEnumeration) {
        super(name);
        this.actionEnumeration = actionEnumeration;
        this.actionBits = actionBits & actionsMask();
        if (actionBits == actionsMask()) actions = "*";
    }

    /**
     * Construct a new instance.
     *
     * @param name the permission name
     * @param actions the permission actions string
     * @param actionEnumeration the permission actions enumeration
     */
    protected AbstractActionSetPermission(final String name, final String actions, final StringEnumeration actionEnumeration) {
actionEnumeration) {
    super(name);
    this.actionEnumeration = actionEnumeration;
    final int actionBits = parseActions(actions);
    this.actionBits = actionBits & actionsMask();
    if (actionBits == actionsMask()) this.actions = "*";
}

/**
 * Get the action bits of this permission.
 *
 * @return the action bits
 */
public final int getActionBits() {
    return actionBits;
}

public final boolean actionsEquals(final This permission) {
    return permission != null && actionBits == permission.getActionBits();
}

public final boolean impliesActions(final This permission) {
    return permission != null && isSet(actionBits, permission.getActionBits());
}

public final boolean impliesActions(final String actions) {
    return impliesActionBits(parseActions(actions));
}

/**
 * Determine whether this permission's actions value implies the given action bits.
 *
 * @param actionBits the actions bits to test
 * @return {@code true} if this permission implies the given action bits; {@code false} otherwise
 */
public final boolean impliesActionBits(final int actionBits) {
    return isSet(this.actionBits, actionBits & actionsMask());
}

private int actionsMask() {
    return (1 << actionEnumeration.size()) - 1;
}

private int getActionBit(final String actionName) throws IllegalArgumentException {
    return 1 << action Enumeration.indexOf(actionName);
}

private String getActionName(final int bit) throws IllegalArgumentException {

return actionEnumeration.nameOf(Integer.numberOfTrailingZeros(bit));
}

protected final int actionsHashCode() {
    return actionBits;
}

/**
 * Get the actions string. The string is computed the first time this method is called, and cached thereafter.
 *
 * @return the actions string (not {@code null})
 */
public final String getActions() {
    final String actions = this.actions;
    if (actions != null) {
        return actions;
    }
    return this.actions = PermissionUtil.toActionsString(actionBits, this::getActionName);
}

/**
 * Parse the actions string into a bit set.
 *
 * @param actionsString the actions string
 * @return the bit set
 * @throws IllegalArgumentException if the actions string contained an invalid name or invalid syntax
 */
public final int parseActions(final String actionsString) throws IllegalArgumentException {
    return PermissionUtil.parseActions(actionsString, this::getActionBit);
}

public final This withActions(final String actionsString) {
    return withActionBits(parseActions(actionsString));
}

public final This withActionsFrom(final This permission) {
    return withActionBits(permission.getActionBits());
}

/**
 * Get a permission which is identical to this one, but with new actions which consist of the union of the actions
 * from this permission and the action bits from the given value. The returned permission may or may not be a new
 * instance, and may be equal to this instance.
 *
 * @param actionBits the action bits
 * @return the permission (not {@code null})
 */
public final This withActionBits(int actionBits) {
    return withNewActionBits(this.actionBits | actionBits & actionsMask());
}

public final This withoutActions(String actionsString) {
    return withoutActionBits(parseActions(actionsString));
}

public final This withoutActionsFrom(final This permission) {
    return withoutActionBits(permission.getActionBits());
}

/**
 * Get a permission which is identical to this one, but with new actions which consist of the actions
 * from this permission without the action bits from the given value. The returned permission may or may not be a new
 * instance, and may be equal to this instance.
 *
 * @param actionBits the action bits
 * @return the permission (not [ @code null])
 */
public final This withoutActionBits(int actionBits) {
    return withNewActionBits(this.actionBits & ~actionBits);
}

public final This withNewActions(String actionsString) {
    return withNewActionBits(parseActions(actionsString));
}

public final This withNewActionsFrom(final This permission) {
    return withNewActionBits(permission.getActionBits());
}

/**
 * Get a permission which is identical to this one, but with new action bits as given by [ @code actionBits].
 * The returned permission may or may not be a new instance, and may be equal to this instance.
 *
 * @param actionBits the action bits
 * @return the permission (not [ @code null])
 */
@SuppressWarnings("unchecked")
public final This withNewActionBits(int actionBits) {
    final int masked = actionBits & actionsMask();
    if (masked == this.actionBits) {
        return (This) this;
    } else {
        return constructWithActionBits(masked);
    }
}
/**
 * Construct or return a permission of this type with the same name as this one but with the given action bits.
 * @param actionBits the action bits
 * @return the permission
 */
protected abstract This constructWithActionBits(int actionBits);

// private

private static boolean isSet(final int bits, final int test) {
    return (bits & test) == test;
}

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 */

package org.wildfly.security.permission;

import java.io.Serializable;
import java.security.Permission;

final class SerializedPermission implements Serializable {
    private static final long serialVersionUID = 897239118282921196L;

    private final Class<? extends Permission> c;
    private final String n;
    private final String a;

    SerializedPermission(final Class<? extends Permission> permissionClass, final String name, final String action) {
        this.c = permissionClass;
    }
}
this.n = name;
this.a = action;
}

Object readResolve() {
    return PermissionUtil.createPermission(c, n, a);
}
}

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 */

/**
 * Permissions which pertain to authentication and authorization.
 */

package org.wildfly.security.auth.permission;

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 */
package org.wildfly.security.permission;

import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;
import java.util.Iterator;
import org.wildfly.common.Assert;
import org.wildfly.security._private.ElytronMessages;

/**
 * Base class for useful permission collections.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public abstract class AbstractPermissionCollection extends PermissionCollection implements Iterable<Permission>, PermissionVerifier {
    private static final long serialVersionUID = -7532778883140764647L;

    private final AbstractPermission<?> sourcePermission;

    /**
     * Construct a new instance.
     *
     * @param sourcePermission the source permission for this collection (must not be null)
     */
    protected AbstractPermissionCollection(final AbstractPermission<?> sourcePermission) {
        Assert.checkNotNullParam("sourcePermission", sourcePermission);
        this.sourcePermission = sourcePermission;
    }

    /**
     * Get the size of this permission collection.
     *
     * @return the size of this permission collection
     */
    public abstract int size();

    /**
     * Iterate over this permission collection.
     *
     * @return the iterator (not null)
     */
    public abstract Iterator<Permission> iterator();

    /**
     * Iterate over this permission collection.
     * ...
     */
public abstract Enumeration<Permission> elements();

/**
* Add an item to this collection. The permission class must be the same as the source permission's class.
* @param permission the permission to add (must not be null)
*/
public final void add(final Permission permission) {
    Assert.checkNotNullParam("permission", permission);
    if (isReadOnly()) throw ElytronMessages.log.readOnlyPermissionCollection();
    @SuppressWarnings("rawtypes")
    Class<? extends AbstractPermission> expected = sourcePermission.getClass().asSubclass(AbstractPermission.class);
    if (expected != permission.getClass()) {
        throw ElytronMessages.log.invalidPermissionType(expected, permission);
    }
    doAdd(expected.cast(permission));
}

/**
* Perform the work of adding a permission. The permission is guaranteed to be of the correct type and the
collection
* is guaranteed to have been writable at the time the [link #add(Permission)] method was called.
* @param permission the non-null permission
*/
protected abstract void doAdd(final AbstractPermission<?> permission);

final AbstractPermission<?> getSourcePermission() {
    return sourcePermission;
}

final Object writeReplace() {
    return new SerializedPermissionCollection(this);
}

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* http://www.apache.org/licenses/LICENSE-2.0
package org.wildfly.security.permission;

import java.security.Permission;
import java.util.Arrays;
import java.util.Collection;
import java.util.Collections;
import java.util.Enumeration;
import java.util.concurrent.ConcurrentHashMap;

/**
 * A permission collection for actionless permissions which are organized by name.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public final class ByNamePermissionCollection extends AbstractPermissionCollection {
    private final ConcurrentHashMap<String, Permission> byName = new ConcurrentHashMap<>();
    private volatile Permission all;

    /**
     * The source permission used to construct this collection.
     *
     * @param sourcePermission the source permission (must not be null)
     */
    public ByNamePermissionCollection(final AbstractPermission<?> sourcePermission) {
        super(sourcePermission);
    }

    public int size() {
        return all != null ? 1 : byName.size();
    }

    public Iterator<Permission> iterator() {
        return getIterablePermissions().iterator();
    }

    public Enumeration<Permission> elements() {
        return Collections.enumeration(getIterablePermissions());
    }
}
private Collection<Permission> getIterablePermissions() {
    return all != null ? Collections.singleton(all) : Arrays.asList(byName.values().toArray(PermissionUtil.NO_PERMISSIONS));
}

protected void doAdd(final AbstractPermission<?> permission) {
    if (permission.getName().equals("*")) {
        all = permission;
        byName.clear();
    } else {
        byName.putIfAbsent(permission.getName(), permission);
    }
}

public boolean implies(final Permission permission) {
    if (permission == null || getSourcePermission().getClass() != permission.getClass()) {
        return false;
    }
    final Permission all = this.all;
    if (all != null) {
        return all.implies(permission);
    }
    final Permission ourPermission = byName.get(permission.getName());
    return ourPermission != null && ourPermission.implies(permission);
}

package org.wildfly.security.permission;

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 */

package org.wildfly.security.permission;

/**
 * An exception which is thrown when an invalid permission class is instantiated.
 */
public class InvalidPermissionClassException extends IllegalArgumentException {
    private static final long serialVersionUID = 7910334218992625018L;

    /**
     * Constructs a new {InvalidPermissionClassException} instance. The message is left blank (null), and
     * no
     * cause is specified.
     */
    public InvalidPermissionClassException() {
    }

    /**
     * Constructs a new {InvalidPermissionClassException} instance with an initial message. No
     * cause is specified.
     *
     * @param msg the message
     */
    public InvalidPermissionClassException(final String msg) {
        super(msg);
    }

    /**
     * Constructs a new {InvalidPermissionClassException} instance with an initial cause. If
     * a non-null cause is specified, its message is used to initialize the message of this
     * {InvalidPermissionClassException}; otherwise the message is left blank (null).
     *
     * @param cause the cause
     */
    public InvalidPermissionClassException(final Throwable cause) {
        super(cause);
    }

    /**
     * Constructs a new {InvalidPermissionClassException} instance with an initial message and cause.
     *
     * @param msg the message
     * @param cause the cause
     */
    public InvalidPermissionClassException(final String msg, final Throwable cause) {
        super(msg, cause);
    }
}
package org.wildfly.security.permission;

import java.io.IOException;
import java.io.ObjectInputStream;
import java.security.Permission;
import java.security.PermissionCollection;
import java.util.Enumeration;
import org.wildfly.security._private.ElytronMessages;

final class UnionPermissionCollection extends PermissionCollection implements PermissionVerifier {
    private static final long serialVersionUID = 6731525842957764833L;
    private final PermissionCollection pc1;
    private final PermissionCollection pc2;
    UnionPermissionCollection(final PermissionCollection pc1, final PermissionCollection pc2) {
        this.pc1 = pc1;
        this.pc2 = pc2;
        setReadOnly();
    }

    public void add(final Permission permission) {
        throw ElytronMessages.log.readOnlyPermissionCollection();
    }

    public boolean implies(final Permission permission) {
        return pc1.implies(permission) || pc2.implies(permission);
    }

    public Enumeration<Permission> elements() {
        final Enumeration<Permission> e1 = pc1.elements();
        final Enumeration<Permission> e2 = pc2.elements();
        return () -> true;
    }
}
final Enumeration<Permission> e2 = pc2.elements();
return new Enumeration<Permission>() {
    public boolean hasMoreElements() {
        return e1.hasMoreElements() || e2.hasMoreElements();
    }

    public Permission nextElement() {
        return e1.hasMoreElements() ? e1.nextElement() : e2.nextElement();
    }
};

private void readObject(ObjectInputStream ois) throws IOException, ClassNotFoundException {
    ois.defaultReadObject();
    if (pc1 == null) {
        throw ElytronMessages.log.invalidObjectNull("pc1");
    }
    if (pc2 == null) {
        throw ElytronMessages.log.invalidObjectNull("pc2");
    }
}

package org.wildfly.security.permission;

import java.security.Permission;
import java.util.NoSuchElementException;
import java.util.concurrent.atomic.AtomicInteger;
import org.wildfly.security.util.EnumerationIterator;
import org.wildfly.security.util.StringEnumeration;

import org.wildfly.security.util.EnumerationIterator;
import org.wildfly.security.util.StringEnumeration;
final class IntNameSetPermissionCollection extends NameSetPermissionCollection {

    private final AtomicInteger bitSet = new AtomicInteger();

    IntNameSetPermissionCollection(final AbstractPermission<? super SourcePermission, StringEnumeration> sourcePermission, final StringEnumeration nameEnumeration) {
        super(sourcePermission, nameEnumeration);
    }

    private Permission permissionFor(int id) {
        return ((AbstractNamedPermission<? super SourcePermission>)getSourcePermission()).withName(getNameEnumeration().nameOf(id));
    }

    protected void doAdd(final AbstractPermission<? super SourcePermission> permission) {
        int setBits = getBitsForName(permission);
        final AtomicInteger bitSet = this.bitSet;
        int oldVal;
        do {
            oldVal = bitSet.get();
            if ((oldVal & setBits) == setBits) {
                return;
            }
        } while (! bitSet.compareAndSet(oldVal, oldVal | setBits));
    }

    public boolean implies(final Permission permission) {
        if (permission.getClass() != getSourcePermission().getClass()) {
            return false;
        }
        long testBits = getBitsForName(permission);
        return (bitSet.get() & testBits) == testBits;
    }

    public int size() {
        final int size = Integer.bitCount(bitSet.get());
        return size == getNameEnumeration().size() ? 1 : size;
    }

    public EnumerationIterator<Permission> iterator() {
        return new Iter(bitSet.get());
    }

    public EnumerationIterator<Permission> elements() {
        return iterator();
    }
}
private int getBitsForName(final Permission permission) {
    final int bits;
    final String name = permission.getName();
    final StringEnumeration nameEnumeration = getNameEnumeration();
    if ("*".equals(name)) {
        // add all names
        bits = (1 << nameEnumeration.size()) - 1;
    } else {
        bits = 1 << nameEnumeration.indexOf(name);
    }
    return bits;
}

private class Iter implements EnumerationIterator<Permission> {
    private int bits;

    Iter(final int bits) {
        this.bits = bits;
    }

    public boolean hasMoreElements() {
        return bits != 0;
    }

    public Permission nextElement() {
        final int bits = this.bits;
        if (bits == 0) throw new NoSuchElementException();
        if (Integer.bitCount(bits) == getNameEnumeration().size()) {
            this.bits = 0;
            return ((AbstractNamedPermission<?>>) getSourcePermission()).withName("*");
        }
        int bit = Integer.lowestOneBit(bits);
        this.bits = bits & ~bit;
        return permissionFor(Integer.numberOfTrailingZeros(bit));
    }

    public boolean hasNext() {
        return hasMoreElements();
    }

    public Permission next() {
        return nextElement();
    }
}

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package org.wildfly.security.permission;

import java.security.Permission;
import java.util.Enumeration;
import java.util.Iterator;
import java.util.concurrent.atomic.AtomicReference;
import org.wildfly.security._private.ElytronMessages;
import org.wildfly.security.util.ArrayIterator;

/**
 * A trivially simple permission collection, suitable as a default for most permission types (though probably not as
 * efficient
 * as a specialized type in many cases).
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public final class SimpleActionBitsPermissionCollection extends AbstractPermissionCollection {

    private static final AbstractActionSetPermission<?>[] NO_PERMS = new AbstractActionSetPermission<?>[0];

    private final AtomicReference<AbstractActionSetPermission<?>>[] permissionsRef = new AtomicReference<AbstractActionSetPermission<?>>[0];

    private final AtomicReference<AbstractActionSetPermission<?>>[] permissionsRef = new AtomicReference<AbstractActionSetPermission<?>>[NO_PERMS];

    /**
     * Construct a new instance.
     *
     * @param sourcePermission the source permission for this collection (must not be \{@code null\})
     */
    public SimpleActionBitsPermissionCollection(final AbstractActionSetPermission<?> sourcePermission) {
        super(sourcePermission);
    }
public int size() {
    return permissionsRef.get().length;
}

@Override
protected void doAdd(final AbstractPermission<? super Permission> permission) {
    if (permission instanceof AbstractActionSetPermission<?>) {
        doAdd((AbstractActionSetPermission<?>) permission);
    }
    throw ElytronMessages.log.invalidPermissionType(AbstractActionSetPermission.class, permission);
}

/**
 * Adds a permission.
 *
 * @param permission the non-{@code null} permission
 */
protected void doAdd(final AbstractActionSetPermission<? super Permission> permission) {
    AbstractActionSetPermission<? super Permission>[] oldVal, readVal, newVal;
    int count;
    final AtomicReference<AbstractActionSetPermission<? super Permission>[]> permissionsRef = this.permissionsRef;
    do {
        readVal = permissionsRef.get();
        count = 0;
        do {
            oldVal = readVal;
            AbstractActionSetPermission<? super Permission> merged = permission;
            retry: for (;;) {
                for (AbstractActionSetPermission<? super Permission> test : oldVal) {
                    if (test.implies(merged)) {
                        // fail fast
                        return;
                    }
                    if (test.nameEquals(merged)) {
                        // combine
                        merged = merged.withActionBits(permission.getActionBits());
                        // test again with merged permission
                        count = 0;
                        continue retry;
                    }
                    if (! merged.implies(test)) {
                        // prepare to skip any permissions that are obviated by this one
                        count ++;
                    }
                }
            }
            break;
        }
    }
// see if it's still what we expect before we commit to the possibly expensive update...
readVal = permissionsRef.get();
} while (readVal != oldVal);
newVal = new AbstractActionSetPermission<?>[count + 1];
int i = 0;
for (AbstractActionSetPermission<?> test : oldVal) {
    if (! permission.implies(test)) {
        newVal[i++] = test;
    }
}
newVal[i] = permission;
} while (! permissionsRef.compareAndSet(oldVal, newVal));

public boolean implies(final Permission permission) {
    for (Permission test : permissionsRef.get()) {
        if (test.implies(permission)) {
            return true;
        }
    }
    return false;
}

public Iterator<Permission> iterator() {
    return new ArrayIterator<>(permissionsRef.get());
}

public Enumeration<Permission> elements() {
    return new ArrayIterator<>(permissionsRef.get());
}

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 */
package org.wildfly.security.permission;

/**
 * A permission which has a name only, and no actions.
 *
 * @author <a href="mailto:david.lloyd@redhat.com">David M. Lloyd</a>
 */
public abstract class AbstractNameOnlyPermission<T extends AbstractNameOnlyPermission<T>> extends AbstractNamedPermission<T> {
    /**
     * Construct a new instance.
     *
     * @param name the permission name (must not be <code>null</code>)
     */
    protected AbstractNameOnlyPermission(final String name) {
        super(name);
    }

    public AbstractPermissionCollection newPermissionCollection() {
        return new ByNamePermissionCollection(this);
    }
}

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* /opt/cola/permits/1001068524_1646171597.71/0/jetty-util-9-3-9-v20160517-sources-jar/org/eclipse/jetty/util/log/StdErrLog.java
* /opt/cola/permits/1001068524_1646171597.71/0/jetty-util-9-3-9-v20160517-sources-jar/org/eclipse/jetty/util/CompletableCallback.java
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* /opt/cola/permits/1001068524_1646171597.71/0/jetty-util-9-3-9-v20160517-sources-jar/org/eclipse/jetty/util/component/FileNoticeLifeCycleListener.java

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/*
 * @(#)UnixCrypt.java 0.9 96/11/25
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/**
* Utf8 Appendable abstract base class
*
* This abstract class wraps a standard {@link java.lang.Appendable} and provides methods to append UTF-8 encoded bytes, that are converted into characters.
*
* This class is stateful and up to 4 calls to {@link #append(byte)} may be needed before state a character is appended to the string buffer.
*
* The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was inspired by
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*
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1.307 abego-treelayout-core 1.0.1

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1.308 qt 4.8.4

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"Confidential Information" shall not include information that (a) is or becomes generally known to the public through no act or omission of the Receiving Party; (b) was in the Receiving Party's lawful possession prior to the disclosure hereunder and was not subject to limitations on disclosure or use; (c) is developed by the Receiving Party without access to the Confidential Information of the Disclosing Party or by persons who have not had access to the Confidential Information of the Disclosing Party as proven by the written records of the Receiving Party; (d) is lawfully disclosed to the Receiving Party without restrictions, by a third party not under an obligation of confidentiality; or (e) the Receiving Party is legally compelled to disclose the information, in which case the Receiving Party shall assert the privileged and confidential nature of the information and cooperate fully with the Disclosing Party to protect against and prevent
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The obligations of the Receiving Party under this Section shall continue during the Initial Term and for a period of five (5) years after expiration or termination of this Agreement. To the extent that the terms of the Non-Disclosure Agreement between Digia and Licensee conflict with the terms of this Section 9, this Section 9 shall be controlling over the terms of the Non-Disclosure Agreement.

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Copyright FAQ
==============

1. I don’t understand the resale restriction... What gives?

   Bitstream is giving away these fonts, but wishes to ensure its competitors can’t just drop the fonts as is into a font sale system and sell them as is. It seems fair that if Bitstream can’t make money from the Bitstream Vera fonts, their competitors should not be able to do so either. You can sell the fonts as part of any software package, however.

2. I want to package these fonts separately for distribution and
sale as part of a larger software package or system. Can I do so?

Yes. A RPM or Debian package is a "larger software package" to begin with, and you aren't selling them independently by themselves. See 1. above.

3. Are derivative works allowed?
   Yes!

4. Can I change or add to the font(s)?
   Yes, but you must change the name(s) of the font(s).

5. Under what terms are derivative works allowed?

   You must change the name(s) of the fonts. This is to ensure the quality of the fonts, both to protect Bitstream and Gnome. We want to ensure that if an application has opened a font specifically of these names, it gets what it expects (though of course, using fontconfig, substitutions could still could have occurred during font opening). You must include the Bitstream copyright. Additional copyrights can be added, as per copyright law. Happy Font Hacking!

6. If I have improvements for Bitstream Vera, is it possible they might get adopted in future versions?

   Yes. The contract between the Gnome Foundation and Bitstream has provisions for working with Bitstream to ensure quality additions to the Bitstream Vera font family. Please contact us if you have such additions. Note, that in general, we will want such additions for the entire family, not just a single font, and that you'll have to keep both Gnome and Jim Lyles, Vera's designer, happy! To make sense to add glyphs to the font, they must be stylistically in keeping with Vera's design. Vera cannot become a "ransom note" font. Jim Lyles will be providing a document describing the design elements used in Vera, as a guide and aid for people interested in contributing to Vera.

7. I want to sell a software package that uses these fonts: Can I do so?

   Sure. Bundle the fonts with your software and sell your software with the fonts. That is the intent of the copyright.

8. If applications have built the names "Bitstream Vera" into them, can I override this somehow to use fonts of my choosing?

   This depends on exact details of the software. Most open source systems and software (e.g., Gnome, KDE, etc.) are now converting to use fontconfig (see www.fontconfig.org) to handle font configuration, selection and substitution; it has provisions for overriding font
names and substituting alternatives. An example is provided by the
supplied local.conf file, which chooses the family Bitstream Vera for
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2006-Jan-27

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However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free
libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

This is JavaScriptCore's variant of the PCRE library. While this library started out as a copy of PCRE, many of the features of PCRE have been removed.

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- Wichert Akkerman, 2012/02/02

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov  3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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History
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medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the
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materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
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reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
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1.312 libblockdev 2.18 5.el7
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(For example, a function in a library to compute square roots has
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application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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 * @param c Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 * 2=DC_CONFIDENTIAL
 */
/**
 * @return Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 * 2=DC_CONFIDENTIAL
 */

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* /opt/cola/permits/1001043725_1646171586.55/0/jetty-util-8-1-7-v20120910-sourcesjar/org/eclipse/jetty/util/ajax/JSONObjectConvertor.java
* /opt/cola/permits/1001043725_1646171586.55/0/jetty-util-8-1-7-v20120910-sourcesjar/org/eclipse/jetty/util/PatternMatcher.java
* /opt/cola/permits/1001043725_1646171586.55/0/jetty-util-8-1-7-v20120910-sourcesjar/org/eclipse/jetty/util/Utf8StringBuffer.java
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* /opt/cola/permits/1001043725_1646171586.55/0/jetty-util-8-1-7-v20120910-sourcesjar/org/eclipse/jetty/util/IntrospectionUtil.java

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* /opt/cola/permits/1001043725_1646171586.55/o/jetty-util-8-1-7-v20120910-sources.jar/org/eclipse/jetty/util/preventers/Java2DLeakPreventer.java
* /opt/cola/permits/1001043725_1646171586.55/o/jetty-util-8-1-7-v20120910-sources.jar/org/eclipse/jetty/util/resource/BadResource.java
* /opt/cola/permits/1001043725_1646171586.55/o/jetty-util-8-1-7-v20120910-sources.jar/org/eclipse/jetty/util/resource/IO.java
* /opt/cola/permits/1001043725_1646171586.55/o/jetty-util-8-1-7-v20120910-sources.jar/org/eclipse/jetty/util/QuotedStringTokenizer.java
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* /opt/cola/permits/1001043725_1646171586.55/o/jetty-util-8-1-7-v20120910-sources.jar/org/eclipse/jetty/util/resource/ResourceCollection.java
* /opt/cola/permits/1001043725_1646171586.55/o/jetty-util-8-1-7-v20120910-sources.jar/org/eclipse/jetty/util/resource/JarFileResource.java

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 * @(#)UnixCrypt.java 0.9 96/11/25
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/* Utf8 Appendable abstract base class */

/* This abstract class wraps a standard \{link java.lang.Appendable\} and provides methods to append UTF-8 encoded bytes, that are converted into characters. */

/* This class is stateful and up to 4 calls to \{link #append(byte)\} may be needed before state a character is appended to the string buffer. */

/* The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was inspired by */
http://bjoern.hoehrmann.de/utf-8/decoder/dfa/

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1.324 gzip 1.5-10.el7
1.325 bind 9.11.4-26.P2.el7_9.8

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* atf-c/ui.c: The format_paragraph and format_text functions were derived from the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cffe2bb5b6.

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* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.
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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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>>> freebsd-base64-4.8

text

---

FREEBSD

base64.c -- routines to encode/decode base64 data
$OpenLDAP: pkg/ldap/libraries/liblutil/base64.c,v 1.15 2006/01/03 22:12:11 kurt Exp $ /
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>>> freebsd-base64-4.8

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Version 2.8.3 Thu Sep 22 11:16:15 2005 Doug Lea (dl at gee)

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crypto\aes\aes_core.c

rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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fontconfig-2.12.1.tar.bz2\fontconfig-2.12.1.tar\fontconfig-2.12.1\src\ftglue.h

ftglue.c: Glue code for compiling the OpenType code from FreeType 1 using only the public API of FreeType 2

By David Turner, The FreeType Project (www.freetype.org)

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See ftglue.h for more information.

>>> freebsd-6.3

[VMWare ships the following subcomponents from freebsd 6.3:

libICE.so.6
libSM.so.6
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libXinerama.so.1
libXrandr.so.2
libXrender.so.1
libatk-1.0.so.0
libatkmm-1.6.so.1
libcairo.so.2
libcairomm-1.0.so.1
libconf
libdnet.so.1
libexpat.so.6
libfontconfig.so.1
libfreetype.so.9
libgcc_s.so.1
libgd-k-x11-2.0.so.0
libgd-k_pixbuf-2.0.so.0
libgd-k_pixbuf_xlib-2.0.so.0
libgdkmm-2.4.so.1
libglib-2.0.so.0
libglibmm-2.4.so.1
libglibmm_generate_extradefs-2.4.so.1
libgmodule-2.0.so.0
libgobject-2.0.so.0
libgthread-2.0.so.0
libgtk-x11-2.0.so.0
libgtkmm-2.4.so.1
libiconv.so.3
libintl.so.8
libpango-1.0.so.0
libpangocairo-1.0.so.0
libpangoft2-1.0.so.0
libpangomm-1.4.so.1
libpcre.so.0
libpixman-1.so.9
libpng.so.5
libsigc-2.0.so.0
libvmtools.so
libX11.so.6
libXext.so.6
libXtst.so.6
libXau.so.6
libXcomposite.so.1
libXdamage.so.1
libXfixes.so.3
libcursor.so.1
libXi.so
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GLIB - Library of useful routines for C programming

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freetype-2.6.5.tar\freetype-2.6.5\src\pcf\pcfread.h

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Version 2.8.3 Thu Sep 22 11:16:15 2005 Doug Lea (dl at gee)

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version 1.0 - 1999.10.15 - First version.
version 1.1 - 2015.07.29 - Fixed leaks (Glenn Randers-Pehrson)
version 1.2 - 2017.04.22 - Add buffer-size check
1.3 - 2017.08.24 - Fix potential overflow in buffer-size check
    (Glenn Randers-Pehrson)
1.4 - 2017.08.28 - Add PNGMINUS_UNUSED (Christian Hesse)

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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zlib1.2.11.tar.gz zlib1.2.11.tar.gzlib1.2.11\contrib\amd64\amd64match.S

match.S  optimized version of longest_match()
based on the similar work by Gilles Vollant, and Brian Raiter, written 1998

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zlib1.2.11.tar.gz\zlib1.2.11.tar\zlib1.2.11\examples\zpipe.c

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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FreeType font driver for pcf fonts

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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version 1.0 - 1999.10.15 - First version.
version 1.1 - 2015.07.29 - Fixed leaks (Glenn Randers-Pehrson)
version 1.2 - 2017.04.22 - Add buffer-size check
1.3 - 2017.08.24 - Fix potential overflow in buffer-size check (Glenn Randers-Pehrson)
1.4 - 2017.08.28 - Add PNGMINUS_UNUSED (Christian Hesse)

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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Written by: Philip Hazel
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match.S -- optimized version of longest_match()
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Version 2.1, February 1999

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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/collection/AbstractMapEntry.java
* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/base/Throwables.java
* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/collection/AbstractIterator.java
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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-
  jar/jersey/repackaged/com/google/common/collect/SortedLists.java
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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/collection/MinMaxPriorityQueue.java
* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/collection/RowSortedTable.java
* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/collection/FilteringMultimap.java
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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/io/BaseEncoding.java
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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/math/MathPreconditions.java

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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableSortedMultiset.java
* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/hash/HashingOutputStream.java
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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/base/Ticker.java
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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/cache/CacheBuilderSpec.java
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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-jar/jersey/repackaged/com/google/common/hash/AbstractNonStreamingHashFunction.java

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* /opt/cola/permits/1136699690_1613864950.92/0/jersey-guava-2-22-2-sources-3-
  jar/jersey/repackaged/com/google/common/collect/EnumMultiset.java
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  jar/jersey/repackaged/com/google/common/base/Preconditions.java
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1.348 jung-api 2.0.2-SNAPSHOT

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* /opt/cola/permits/1261933052_1643331993.04/0/jung-api-2-0-1-sources-1.jar/edu/uci/ics/jung/graph/util/EdgeIndexFunction.java
* /opt/cola/permits/1261933052_1643331993.04/0/jung-api-2-0-1-sources-1.jar/edu/uci/ics/jung/graph/util/IncidentEdgeIndexFunction.java
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* /opt/cola/permits/1261933052_1643331993.04/0/jung-api-2-0-1-sources-1-jar/edu/uci/ics/jung/graph/Hypergraph.java
* /opt/cola/permits/1261933052_1643331993.04/0/jung-api-2-0-1-sources-1-jar/edu/uci/ics/jung/graph/UndirectedGraph.java
* /opt/cola/permits/1261933052_1643331993.04/0/jung-api-2-0-1-sources-1-jar/edu/uci/ics/jung/graph/Graph.java
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1.349 perl-timedate 2.30 2.el7

1.350 cxf-rt-bindings-soap 3.2.5-jbossorg-1

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/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }
}
/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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 */
import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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1.352 jasypt 1.9.2
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1.353 llvm-private 7.0.1 1.el7

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```
; RUN: llc < %s -mtriple=s390x-linux-gnu -mcpu=zEC12 -verify-machineinstrs | FileCheck %s :
; Test that early if conversion produces LOCR with operands of the right
; register classes.

define void @autogen_SD4739(i8*) {
 ; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register
 BB:
   %L34 = load i8, i8* %0
   %Cmp56 = icmp sgt i8 undef, %L34
   br label %CF246

CF246:                                               ; preds = %CF246, %BB
   %SI163 = select i1 %Cmp56, i8 %L34, i8 undef
   br i1 undef, label %CF246, label %CF248

CF248:                                               ; preds = %CF248, %CF246
   store i8 %SI163, i8* %0
   br label %CF248
}  
```

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define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
    ; First, extend each i32 to i64
    CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0
    CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
    CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
    CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
    ; Next, convert each to double.
    CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO:v[0-9]+]], v0, #0
    CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]], v0, #0
    CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]], v0, #0
    CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]], v0, #0
    CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]], v0, #0
}
; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]

; CHECK: ret
%flt = sitofp <16 x i32> %in to <16 x double>
%res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0>
ret <16 x double> %res
}

; This one is small enough to satisfy isSimple, but still illegally large.
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
; CHECK-LABEL: test_sitofp_fixed_shortish:

; CHECK-DAG: scvtf.2d v0, v0
; CHECK-DAG: scvtf.2d v1, v1

; CHECK: ret
%flt = sitofp <4 x i64> %in to <4 x double>
%res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
ret <4 x double> %res
}

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@protocol NSObject
@end
@interface NSObject <NSObject> {
}@end
@interface NSString : NSObject
@end

void __setRetained(id *ivar, id value, NSObject **o) {

@protocol NSObject
@end
@interface NSObject <NSObject> { 
} 
@end
@interface NSString : NSObject
@end

void __setRetained(id *ivar, id value, NSObject **o) {

// Open Source Used In Data Center Network Manager 11 11.5(4) 3757
*ivar = value;
}
static NSString * _logProcessPrefix = 0;
void func() {
    __setRetained(& _logProcessPrefix, _logProcessPrefix, & _logProcessPrefix);
}
@interface NSObject (ScopeAdditions)
+ (void) setObjectLogProcessPrefix:(NSString *) processPrefix {
    __setRetained(& _logProcessPrefix, processPrefix, & _logProcessPrefix);
}
@end

@class Derived;

NSObject * ExternFunc (NSObject * filePath, NSObject * key);
typedef id FuncSignature (NSObject * arg1, Derived * arg2);

@interface Derived : NSObject
+ (void) registerFunc:(FuncSignature *) function; // expected-note {{passing argument to parameter 'function' here}}
@end

void foo(void)
{
    // GCC currently allows this (it has some fairly new support for covariant return types and contravariant argument
types).
    // Since registerFunc: expects a Derived object as its second argument, I don't know why this would be legal.
    [Derived registerFunc: ExternFunc];  // expected-warning {{incompatible pointer types sending 'NSObject
*(NSObject *, NSObject *)' to parameter of type 'FuncSignature *'}}
}

// rdar://10751015
@protocol NSCopying @end
@interface I
- (void) Meth : (id <NSCopying>) aKey; // expected-note {{passing argument to parameter 'aKey' here}}
@end

@class ForwarClass; // expected-note 3 {{conformance of forward class 'ForwarClass' to protocol 'NSCopying' can
not be confirmed}}

ForwarClass * Test10751015 (I* pi, ForwarClass * ns_forward) {
    [pi Meth : ns_forward ]; // expected-warning {{sending 'ForwarClass *' to parameter of incompatible type
'id <NSCopying>'}}

    id <NSCopying> id_ns = ns_forward; // expected-warning {{initializing 'id<NSCopying>' with an expression of
incompatible type 'ForwarClass *'}}

    return id_ns; // expected-warning {{returning 'id<NSCopying>' from a function with incompatible result type

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<tr>
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<td>llvm/utils/unittest/googletest</td>
</tr>
<tr>
<td>OpenBSD regex</td>
<td>llvm/lib/Support/[^*]., COPYRIGHT.regex}</td>
</tr>
<tr>
<td>pyyaml tests</td>
<td>llvm/test/YAMLParser/[^*.data, LICENSE.TXT}</td>
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<tr>
<td>md5 contributions</td>
<td>llvm/lib/Support/MD5.cpp llvm/include/llvm/Support/MD5.h</td>
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'zlib' general purpose compression library
version 1.2.3, July 18th, 2005

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</table>

// RUN: %clang_analyze_cc1 -analyzer-checker=core,unix.cstring.NullArg,alpha.unix.cstring,debug.ExprInspection -analyzer-store=region -verify %s

#define NULL ((void *)0)

typedef __typeof(sizeof(int)) size_t;
size_t strlcpy(char *dst, const char *src, size_t n);
size_t strlcat(char *dst, const char *src, size_t n);
void clang_analyzer_eval(int);

void f1() {
  char overlap[] = "123456789";
  strlcpy(overlap, overlap + 1, 3); // expected-warning{{Arguments must not be overlapping buffers}}
}

void f2() {
  char buf[5];
  strlcpy(buf, "abcd", sizeof(buf)); // expected-no-warning
}
void f3() {
    char dst[2];
    const char *src = "abcdef";
    strlcpy(dst, src, 5); // expected-warning{{Size argument is greater than the length of the destination buffer}}
}

void f4() {
    strlcpy(NULL, "abcdef", 6); // expected-warning{{Null pointer argument in call to string copy function}}
}

void f5() {
    strlcat(NULL, "abcdef", 6); // expected-warning{{Null pointer argument in call to string copy function}}
}

void f6() {
    char buf[8];
    strlcpy(buf, "abc", 3);
    size_t len = strlcat(buf, "defg", 4);
    clang_analyzer_eval(len == 7); // expected-warning{{TRUE}}
}

int f7() {
    char buf[8];
    return strlcpy(buf, "1234567", 0); // no-crash
}

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-------
This is an installer created using CPack (https://cmake.org). No license provided.
; RUN: llc -march=hexagon < %s
; REQUIRES: asserts

; The two loads based on %struct.0, loading two different data types
; cause LSR to assume type "void" for the memory type. This would then
; cause an assert in isLegalAddressingMode. Make sure we no longer crash.

target triple = "hexagon"

%struct.0 = type { i8*, i8, %union.anon.0 }
%union.anon.0 = type { i8* }

define hidden fastcc void @fred() unnamed_addr #0 {
    entry:
        br i1 undef, label %while.end, label %while.body.lr.ph
while.body.lr.ph: ; preds = %entry
br label %while.body

while.body: ; preds = %exit, %while.body.lr.ph
%lsr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]
switch i32 undef, label %exit [
  i32 1, label %sw.bb.i
  i32 2, label %sw.bb3.i
]

sw.bb.i: ; preds = %while.body
unreachable

sw.bb3.i: ; preds = %while.body
unreachable

exit: ; preds = %while.body
switch i32 undef, label %exit.2 [
  i32 1, label %sw.bb.i17
  i32 2, label %sw.bb3.i20
]

sw.bb.i17: ; preds = %.exit
%0 = bitcast %struct.0* %lsr.iv to i32*
%1 = load i32, i32* %0, align 4
unreachable

sw.bb3.i20: ; preds = %exit
%2 = bitcast %struct.0* %lsr.iv to i8**
%3 = load i8*, i8** %2, align 4
unreachable

exit.2: ; preds = %exit
%cgep22 = getelementptr %struct.0, %struct.0* %lsr.iv, i32 1
br label %while.body

while.end: ; preds = %entry
ret void
}

attributes #0 = { nounwind optsize "target-cpu"="hexagonv55" }
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Julian Seward, jsward@bzip.org
bzip2/libbzip2 version 1.0.5 of 10 December 2007

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<thead>
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<th>Program</th>
<th>Directory</th>
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<tr>
<td>&lt;none yet&gt;</td>
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<tr>
<td>LLVM System Interface Library</td>
<td></td>
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</tbody>
</table>

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declare fp128 @llvm.fabs.f128(fp128)
define fp128 @TestSelect(fp128 %a, fp128 %b) {
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define fp128 @TestFabs(fp128 %a) {
  %res = call fp128 @llvm.fabs.f128(fp128 %a)
  ret fp128 %res
}

define fp128 @TestCopysign(fp128 %a, fp128 %b) {
  %res = call fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
  ret fp128 %res
}

define fp128 @TestFneg(fp128 %a) {
  %mul = fmul fp128 %a, %a
  %res = fsub fp128 0xL00000000000000008000000000000000, %mul
  ret fp128 %res
}

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[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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    import io
    import re

    from setuptools import setup

    with io.open("README.rst", "rt", encoding="utf8") as f:
        readme = f.read()

    with io.open("flask_sqlalchemy/__init__.py", "rt", encoding="utf8") as f:
        version = re.search(r"version__ = "", f.read(), re.M).group(1)

    setup(
        name="Flask-SQLAlchemy",
        version=version,
version=version,
url="https://github.com/pallets/flask-sqlalchemy",
project_urls={
    "Documentation": "https://flask-sqlalchemy.palletsprojects.com/",
    "Issue tracker": "https://github.com/pallets/flask-sqlalchemy/issues",
},
license="BSD-3-Clause",
author="Armin Ronacher",
author_email="armin.ronacher@active-4.com",
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description="Adds SQLAlchemy support to your Flask application.",
long_description=readme,
packages=['flask_sqlalchemy'],
include_package_data=True,
python_requires='>= 2.7, != 3.0.*, != 3.1.*, != 3.2.*, != 3.3.*",
install_requires=['Flask>=0.10', 'SQLAlchemy>=0.8.0'],
classifiers=[
    "Development Status :: 5 - Production/Stable",
    "Environment :: Web Environment",
    "Intended Audience :: Developers",
    "License :: OSI Approved :: BSD License",
    "Operating System :: OS Independent",
    "Programming Language :: Python",
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    "Programming Language :: Python :: 3.6",
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    "Programming Language :: Python :: Implementation :: CPython",
    "Programming Language :: Python :: Implementation :: PyPy",
    "Topic :: Internet :: WWW/HTTP :: Dynamic Content",
    "Topic :: Software Development :: Libraries :: Python Modules",
],
)

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* /opt/cola/permits/1159252219_1620104440.61/0/pallets-flask-sqlalchemy-2-4-1-0-g16bcf97-tar-gz/pallets-flask-sqlalchemy-16bcf97/setup.py

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.. _models:

.. currentmodule:: flask_sqlalchemy

Declaring Models

```
Declaring Models
```

Generally Flask-SQLAlchemy behaves like a properly configured declarative base from the `~sqlalchemy.ext.declarative` extension. As such we recommend reading the SQLAlchemy docs for a full reference. However the most common use cases are also documented here.

Things to keep in mind:

- The baseclass for all your models is called `db.Model`. It's stored on the SQLAlchemy instance you have to create. See `quickstart`
for more details.
- Some parts that are required in SQLAlchemy are optional in
    Flask-SQLAlchemy. For instance the table name is automatically set
    for you unless overridden. It’s derived from the class name converted
to lowercase and with “CamelCase” converted to “camel_case”. To override
the table name, set the `__tablename__` class attribute.

Simple Example
-------------

A very simple example::

    class User(db.Model):
        id = db.Column(db.Integer, primary_key=True)
        username = db.Column(db.String(80), unique=True, nullable=False)
        email = db.Column(db.String(120), unique=True, nullable=False)

        def __repr__(self):
            return '<User %r>' % self.username

Use `~sqlalchemy.schema.Column` to define a column. The name of the
column is the name you assign it to. If you want to use a different name
in the table you can provide an optional first argument which is a string
with the desired column name. Primary keys are marked with
`primary_key=True`. Multiple keys can be marked as primary keys in
which case they become a compound primary key.

The types of the column are the first argument to
`~sqlalchemy.schema.Column`. You can either provide them directly
or call them to further specify them (like providing a length). The
following types are the most common:

=================================================================
<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>~sqlalchemy.types.Integer</td>
<td>an integer</td>
</tr>
<tr>
<td>~sqlalchemy.types.String</td>
<td>a string with a maximum length (optional in some databases, e.g. PostgreSQL)</td>
</tr>
<tr>
<td>~sqlalchemy.types.Text</td>
<td>some longer unicode text</td>
</tr>
<tr>
<td>~sqlalchemy.types.DateTime</td>
<td>date and time expressed as Python</td>
</tr>
<tr>
<td>~datetim.datetime</td>
<td>date and time expressed as Python</td>
</tr>
<tr>
<td>~sqlalchemy.types.Float</td>
<td>stores floating point values</td>
</tr>
<tr>
<td>~sqlalchemy.types.Boolean</td>
<td>stores a boolean value</td>
</tr>
<tr>
<td>~sqlalchemy.types.PickleType</td>
<td>stores a pickled Python object</td>
</tr>
<tr>
<td>~sqlalchemy.types.LargeBinary</td>
<td>stores large arbitrary binary data</td>
</tr>
</tbody>
</table>
=================================================================
One-to-Many Relationships
--------------------------

The most common relationships are one-to-many relationships. Because relationships are declared before they are established you can use strings to refer to classes that are not created yet (for instance if ```Person``
defines a relationship to ```Address``` which is declared later in the file).

Relationships are expressed with the :func:`~sqlalchemy.orm.relationship` function. However the foreign key has to be separately declared with the :class:`~sqlalchemy.schema.ForeignKey` class::

class Person(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    name = db.Column(db.String(50), nullable=False)
    addresses = db.relationship('Address', backref='person', lazy=True)

class Address(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    email = db.Column(db.String(120), nullable=False)
    person_id = db.Column(db.Integer, db.ForeignKey('person.id'), nullable=False)

What does :func:`db.relationship() <sqlalchemy.orm.relationship>` do? That function returns a new property that can do multiple things. In this case we told it to point to the ```Address``` class and load multiple of those. How does it know that this will return more than one address? Because SQLAlchemy guesses a useful default from your declaration. If you would want to have a one-to-one relationship you can pass ```uselist=False``` to :func:`~sqlalchemy.orm.relationship`.

Since a person with no name or an email address with no address associated makes no sense, ```nullable=False``` tells SQLAlchemy to create the column as ```NOT NULL```. This is implied for primary key columns, but it's a good idea to specify it for all other columns to make it clear to other people working on your code that you did actually want a nullable column and did not just forget to add it.

So what do ```backref``` and ```lazy``` mean? ```backref``` is a simple way to also declare a new property on the ```Address``` class. You can then also use ```my_address.person``` to get to the person at that address. ```lazy``` defines when SQLAlchemy will load the data from the database:

- ```select``` / ```True``` (which is the default, but explicit is better than implicit) means that SQLAlchemy will load the data as necessary in one go using a standard select statement.
- ```joined``` / ```False``` tells SQLAlchemy to load the relationship in the same query as the parent using a ```JOIN``` statement.
- `subquery` works like `joined` but instead SQLAlchemy will use a subquery.
- `dynamic` is special and can be useful if you have many items and always want to apply additional SQL filters to them. Instead of loading the items SQLAlchemy will return another query object which you can further refine before loading the items. Note that this cannot be turned into a different loading strategy when querying so it's often a good idea to avoid using this in favor of `lazy=True`. A query object equivalent to a dynamic `user.addresses` relationship can be created using :meth:`Address.query.with_parent(user)` while still being able to use lazy or eager loading on the relationship itself as necessary.

How do you define the lazy status for backrefs? By using the :func:`~sqlalchemy.orm.backref` function:

```python
class Person(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    name = db.Column(db.String(50), nullable=False)
    addresses = db.relationship('Address', lazy='select',
                                backref=db.backref('person', lazy='joined'))
```

**Many-to-Many Relationships**

If you want to use many-to-many relationships you will need to define a helper table that is used for the relationship. For this helper table it is strongly recommended to *not* use a model but an actual table:

```python
tags = db.Table('tags',
                db.Column('tag_id', db.Integer, db.ForeignKey('tag.id'), primary_key=True),
                db.Column('page_id', db.Integer, db.ForeignKey('page.id'), primary_key=True))
```

```python
class Page(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    tags = db.relationship('Tag', secondary=tags, lazy='subquery',
                          backref=db.backref('pages', lazy=True))
```

```python
class Tag(db.Model):
    id = db.Column(db.Integer, primary_key=True)
```

Here we configured `Page.tags` to be loaded immediately after loading a Page, but using a separate query. This always results in two queries when retrieving a Page, but when querying for multiple pages you will not get additional queries.
The list of pages for a tag on the other hand is something that's rarely needed. For example, you won't need that list when retrieving the tags for a specific page. Therefore, the backref is set to be lazy-loaded so that accessing it for the first time will trigger a query to get the list of pages for that tag. If you need to apply further query options on that list, you could either switch to the "dynamic" strategy - with the drawbacks mentioned above - or get a query object using

:meth:`Page.query.with_parent(some_tag) <sqlalchemy.orm.query.Query.with_parent>`

and then use it exactly as you would with the query object from a dynamic relationship.

Found in path(s):

* /opt/cola/permits/1159252219_1620104440.61/0/pallets-flask-sqlalchemy-2-4-1-0-g16bcf97-tar-gz/pallets-flask-sqlalchemy-16bcf97/docs/models.rst

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1.367 maven-bundle-plugin 2.3.4

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1.368 infinispan-hibernate-cache-spi

9.3.1.Final

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* /opt/cola/permits/1136663557_1613850626.73/0/spring-boot-2-1-4-release-sources-3.jar/org/springframework/boot/jdbc/metadata/DataSourcePoolMetadataProvider.java
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 */

/**
 * A [@link WebApplicationContext] that can be used to bootstrap itself from a contained
 * [@link ServletWebServerFactory] bean.
 * <p>
 * This context will create, initialize and run an [@link WebServer] by searching for a
 * single [@link ServletWebServerFactory] bean within the [@link ApplicationContext]
 * itself. The [@link ServletWebServerFactory] is free to use standard Spring concepts
 * (such as dependency injection, lifecycle callbacks and property placeholder variables).
 * <p>
 * In addition, any [@link Servlet] or [@link Filter] beans defined in the context will be
 * automatically registered with the web server. In the case of a single Servlet bean, the
 * '/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
 * name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
 * always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').
 * <p>
 * For more advanced configuration, the context can instead define beans that implement
 * the [@link ServletContextInitializer] interface (most often
 * [@link ServletRegistrationBean]s and/or [@link FilterRegistrationBean]s). To prevent
 * double registration, the use of [@link ServletContextInitializer] beans will disable
 * automatic Servlet and Filter bean registration.
 * <p>
 */
* Although this context can be used directly, most developers should consider using the
* [{@link AnnotationConfigServletWebServerApplicationContext} or
* [{@link XmlServletWebServerApplicationContext} variants.
*
* @author Phillip Webb
* @author Dave Syer
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

Found in path(s):
* /opt/cola/permits/1136663557_1613850626.73/0/spring-boot-2-1-4-release-sources-3-
  jar/org/springframework/boot/web/servlet/context/ServletWebServerApplicationContext.java

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
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d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
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e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
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d) If a facility in the modified Library refers to a function or a
   table of data to be supplied by an application program that uses
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   in the event an application does not supply such function or
   table, the facility still operates, and performs whatever part of
   its purpose remains meaningful.

   (For example, a function in a library to compute square roots has
   a purpose that is entirely well-defined independent of the
   application. Therefore, Subsection 2d requires that any
   application-supplied function or table used by this function must
   be optional: if the application does not supply it, the square
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These requirements apply to the modified work as a whole. If
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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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```json
{
    "testfiles": [
        "test/*.uts",
        "test/contrib/*.uts"
    ],
    "remove_testfiles": [
        "test/linux.uts",
        "test/windows.uts",
        "test/contrib/cansocket_native.uts",
        "test/contrib/cansocket_python_can.uts"
    ],
    "onlyfailed": true,
    "preexec": {
        "test/contrib/*.uts": "load_contrib("%name%")",
        "test/cert.uts": "load_layer("tls")",
        "test/sslv2.uts": "load_layer("tls")",
        "test/tls*.uts": "load_layer("tls")"
    },
    "format": "text",
    "kw_ko": [
        "linux",
        "windows",
        "crypto_advanced",
        "ipv6",
        "vcan_socket"
    ]
}
```
1.390 armon-go-metrics 0.3.0

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1.391 elasticsearch-cli 6.8.5

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1.392 selinux 2.5-14.1.el7

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1.395 jboss-transaction-api 1.1.1.Final

1.396 cryptsetup 2.0.3 5.el7

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1.398 itsdangerous 1.1.0

1.398.1 Available under license:

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Sometimes you just want to send some data to untrusted environments. But how to do this safely? The trick involves signing. Given a key only you know, you can cryptographically sign your data and hand it over to someone else. When you get the data back you can easily ensure that nobody tampered with it.

Granted, the receiver can decode the contents and look into the package, but they can not modify the contents unless they also have your secret key. So if you keep the key secret and complex, you will be fine.

Internally itsdangerous uses HMAC and SHA-512 for signing by default. The initial implementation was inspired by `Django's signing module<https://docs.djangoproject.com/en/dev/topics/signing/>`_. It also supports JSON Web Signatures (JWS). The library is BSD licensed.

Installing
----------

Install and update using `pip`:

.. code-block:: text

    pip install -U itsdangerous

Example Use Cases
-----------------

- You can serialize and sign a user ID in a URL and email it to them to unsubscribe from a newsletter. This way you don't need to generate one-time tokens and store them in the database. Same thing with any kind of activation link for accounts and similar things.
- Signed objects can be stored in cookies or other untrusted sources which means you don't need to have sessions stored on the server, which reduces the number of necessary database queries.
- Signed information can safely do a roundtrip between server and client in general which makes them useful for passing server-side state to a client and then back.
Table of Contents

.. toctree::

    signer
    serializer
    exceptions
    timed
    url_safe
    jws
    encoding
    license
    changes

Found in path(s):
* /opt/cola/permits/1160881332_1620412835.08/0/pallets-itsdangerous-1-1-0-0-g6e63598-1-tar-gz/pallets-itsdangerous-6e63598/docs/index.rst
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```python
import io
import re
from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("src/itsdangerous/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r"__version__ = \"(.*?)\"", f.read()).group(1)

setup(
    name="itsdangerous",
```
version=version,
url="https://palletsprojects.com/p/itsdangerous/",
project_urls={
   "Documentation": "https://itsdangerous.palletsprojects.com/",
   "Code": "https://github.com/pallets/itsdangerous",
   "Issue tracker": "https://github.com/pallets/itsdangerous/issues",
},
license="BSD",
author="Armin Ronacher",
author_email="armin.ronacher@active-4.com",
maintainer="Pallets Team",
maintainer_email="contact@palletsprojects.com",
description="Various helpers to pass data to untrusted environments and back.",
long_description=readme,
packages=find_packages("src"),
package_dir={"": "src"},
include_package_data=True,
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classifiers=[
   "Development Status :: 5 - Production/Stable",
   "Intended Audience :: Developers",
   "License :: OSI Approved :: BSD License",
   "Operating System :: OS Independent",
   "Programming Language :: Python",
   "Programming Language :: Python :: 2",
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)

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1.399 grpc-go v1.3.0

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jar/org/jboss/classfilewriter/util/Signatures.java
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    <artifactId>jboss-parent</artifactId>
    <version>24</version>
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  <url>https://github.com/jbossas/jboss-classfilewriter</url>

  <developers>
    <developer>
      <name>Stuart Douglas</name>
      <email>sdouglas@redhat.com</email>
    </developer>
  </developers>

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    <license>
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      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
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  </properties>

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            <Bundle-Version>${project.version}</Bundle-Version>
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            </Export-Package>
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    </plugins>
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    <developerConnection>scm:git:git@github.com:jbossas/jboss-classfilewriter.git</developerConnection>
    <url>scm:git:git://github.com/jbossas/jboss-classfilewriter.git</url>
  </scm>

</project>
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1.408 jackson-module-parameter-names

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*/
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

    /**
     * Indicates that this permission has been allocated by default.
     * Authorization View handlers may use this property in order to restrict
* the list of scopes which may be refused to non-default scopes only
* @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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 *
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import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
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 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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1.410 oslo-utils 4.12.2

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1.416 httpasyncclient 4.1.1

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 */
/**
 * XSLT-driven View that allows for response context to be rendered as the
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 *
 * <p>The XSLT Source object is supplied as a parameter in the model and then
 * {:@link locateSource detected} during response rendering. Users can either specify
 * a specific entry in the model via the {:@link setSourceKey sourceKey} property or
 * have Spring locate the Source object. This class also provides basic conversion
 * of objects into Source implementations. See {:@link getSourceTypes() here}
 * for more details.
 *
 * <p>All model parameters are passed to the XSLT Transformer as parameters.
 * In addition the user can configure {:@link setOutputProperties output properties}
 * to be passed to the Transformer.
 *
 * @author Rob Harrop
 * @author Juergen Hoeller
 * @since 2.0
 */

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* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
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  jar/org/springframework/web/servlet/mvc/condition/MediaTypeExpression.java
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* /opt/cola/permits/1110676891_1606843558.9/0/spring-webmvc-5-0-8-release-sources-1-
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 *
 * Implementations may use this contract for example as part of a solution
 * to provide data integrity, confidentiality, protection against cross-site
 * request forgery (CSRF), and others or for other tasks such as automatically
 * adding a hidden field to all forms and URLs.
 *
 * View technologies that support this contract can obtain an instance to
 * delegate to via {link RequestContext#getRequestDataValueProcessor()}.  
 *
 * @author Rossen Stoyanchev
 * @since 3.1
 */

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  tab-interval: 0.5in;
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  margin-bottom: 0.5em;
}
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  margin-top: 0.05em;
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*/
package org.apache.cxf.rs.security.oauth.data;

/** *
* Base permission description which is visible to *
* authorization handlers *
* @see OAuthAuthorizationData *
*/
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }
```
public String getDescription() {
    return description;
}

public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;

}

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  jar/org/springframework/aop/interceptor/SimpleTraceInterceptor.java
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  jar/org/springframework/aop/framework/AbstractExpressionPointcut.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its { @link ChannelPipeline }. 
* 
* <h3>Sub-types</h3>
* <p>
* { @link ChannelHandler } itself does not provide many methods, but you usually have to implement one of its
* subtypes:
* 
* <ul>
* <li>{ @link ChannelInboundHandler } to handle inbound I/O events, and</li>
* <li>{ @link ChannelOutboundHandler } to handle outbound I/O operations.</li>
* </ul>
* 
* Alternatively, the following adapter classes are provided for your convenience:

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* @link ChannelInboundHandlerAdapter to handle inbound I/O events,
* @link ChannelOutboundHandlerAdapter to handle outbound I/O operations, and
* @link ChannelDuplexHandler to handle both inbound and outbound events
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
* 
* <h3>The context object</h3>
* 
* A @link ChannelHandler is provided with a @link ChannelHandlerContext object. A @link ChannelHandler is supposed to interact with the @link ChannelPipeline it belongs to via a context object. Using the context object, the @link ChannelHandler can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using @link AttributeKey)s which is specific to the handler.
* 
* <h3>State management</h3>
* 
* A @link ChannelHandler often needs to store some stateful information. The simplest and recommended approach is to use member variables:
* 
* public interface Message {
*     // your methods here
* }
* 
* public class DataServerHandler extends @link SimpleChannelInboundHandler&lt;Message&gt; {
*     private boolean loggedIn;
*     
*     @code @Override
*     public void channelRead0(@link ChannelHandlerContext ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             loggedIn = true;
*         } else if (message instanceof GetDataMessage) {
*             if (!loggedIn) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
*     }
* }
* ...
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where an unauthenticated client can get
* the confidential information:
* 
* // Create a new handler instance per channel.
* // See [ChannelInitializer#initChannel](Channel).
* public class DataServerInitializer extends ChannelInitializer&lt;Channel&gt; {
*     @Override
*     public void initChannel(Channel channel) {
*         channel.pipeline().addLast("handler", new DataServerHandler());
*     }
* }
* 
* </pre>

<h4>Using AttributeKeys</h4>

* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use [AttributeKeys](ChannelHandlerContext) which is provided by
* 
* ChannelHandlerContext:
* 
* public interface Message {
*     // your methods here
* }
* 
* public class DataServerHandler extends SimpleChannelInboundHandler&lt;Message&gt; {
*     private final AttributeKey&lt;Boolean&gt; auth = AttributeKey.valueOf("auth");
*     
*     @Override
*     public void channelRead(ChannelHandlerContext ctx, Message message) {
*         Attribute&lt;Boolean&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             attr.set(true);
*         } else (message instanceof GetDataMessage) {
*             if (Boolean.TRUE.equals(attr.get())) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
Now that the state of the handler is attached to the `@link ChannelHandlerContext`, you can add the same handler instance to different pipelines:

```java
public class DataServerInitializer extends `@link ChannelInitializer`<`@link Channel`> {
    private static final DataServerHandler `SHARED` = new DataServerHandler();

    `@code @Override`
    public void initChannel(`@link Channel` channel) {
        channel.pipeline().addLast("handler", `SHARED`);
    }
    `}</pre>
</p>

<h4>The `@Sharable` annotation</h4>

In the example above which used an `@link AttributeKey`, you might have noticed the `@code @Sharable` annotation. If a `@link ChannelHandler` is annotated with the `@code @Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `@link ChannelPipeline`s multiple times without a race condition. If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

This annotation is provided for documentation purpose, just like the JCIP annotations.

Additional resources worth reading

Please refer to the `@link ChannelHandler`, and `@link ChannelPipeline` to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

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  jar/org/eclipse/jgit/api/DeleteTagCommand.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/revwalk/filter/SkipRevFilter.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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  jar/org/eclipse/jgit/api/PullResult.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/PushProcess.java

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  jar/org/eclipse/jgit/util/io/TimeoutInputStream.java
* /opt/cola/permits/1110676752_160683642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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  /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/merge/MergeAlgorithm.java
  /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/merge/MergeFormatter.java

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*/opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/attributes/FilterCommandFactory.java

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jar/org/eclipse/jgit/revwalk/RevTree.java
*/opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/revwalk/RevBlob.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/ignore/internal/Strings.java
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  jar/org/eclipse/jgit/events/IndexChangedListener.java
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  jar/org/eclipse/jgit/ignore/internal/PathMatcher.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/ignore/internal/WildMatcher.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/ignore/FastIgnoreRule.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/ignore/internal/TrailingAsteriskMatcher.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/ignore/internal/LeadingAsteriskMatcher.java
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  jar/org/eclipse/jgit/ignore/internal/AbstractMatcher.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/lib/TypedConfigGetter.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/events/WorkingTreeModifiedEvent.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/lib/DefaultTypedConfigGetter.java
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* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/InternalHttpServerGlue.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/DirCacheNameConflictException.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/PushCertificate.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/PushCertificateStore.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/PushCertificateIdent.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/TestProtocol.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/ObjectCountCallback.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/UserAgent.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/SignedPushConfig.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/transport/PackedObjectInfo.java

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/**
* A special exception thrown when [@link AutoLFInputStream] is told to
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* may be thrown at any stage during reading.
*
* @since 3.3
*/

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/util/io/AutoLFInputStream.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/treewalk/TreeWalk.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/dircache/DirCacheEditor.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/dircache/DirCacheIterator.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/internal/storage/file/WindowCache.java
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/**
 * [@inheritdoc]
 * <p>
 * Free resources associated with this instance.
 * <p>
 * If the repository was opened by a static factory method in this class,
 * then this method calls {@link Repository#close()} on the underlying
 * repository instance. (Whether this actually releases underlying
 * resources, such as file handles, may vary; see {@link Repository} for
 * more details.)
 * <p>
 * If the repository was created by a caller and passed into
 * {@link #Git(Repository)} or a static factory method in this class, then
 * this method does not call close on the underlying repository.
 * <p>
 * In all cases, after calling this method you should not use this
 * instance anymore.
 * 
 * @since 3.2
 */

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  jar/org/eclipse/jgit/revwalk/RevSort.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/PushConnection.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/util/io/NullOutputStream.java

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  */opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/util/RawSubStringPattern.java
  */opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/util/FS_Win32.java
  */opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/revwalk/DelayRevQueue.java
  */opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/errors/StopWalkException.java
  */opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/revwalk/LIFORevQueue.java
  */opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/revwalk/FixUninterestingGenerator.java
  */opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/util/CachedAuthenticator.java
  */opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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*/
jar/org/eclipse/jgit/api/errors/RefNotAdvertisedException.java
*/
jar/org/eclipse/jgit/api/errors/TooLargePackException.java
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jar/org/eclipse/jgit/api/errors/IndexReadException.java
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*/ /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/storage/file/WindowCacheStats.java

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  jar/org/eclipse/jgit/events/RefsChangedEvent.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/notes/NoteMap.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/internal/storage/file/PackInputStream.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/internal/storage/file/LargePackedWholeObject.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/internal/storage/dfs/PackInputStream.java
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  jar/org/eclipse/jgit/lib/StoredConfig.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/events/ConfigChangedEvent.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/internal/storage/pack/DeltaWindowEntry.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/diff/RenameDetector.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/notes/InMemoryNoteBucket.java
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  jar/org/eclipse/jgit/errors/NoWorkTreeException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/diff/LowLevelDiffAlgorithm.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/storage/file/RepositoryBuilder.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/lib/BaseRepositoryBuilder.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/events/IndexChangedEvent.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
  jar/org/eclipse/jgit/events/UnpackObjectCache.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/fnmatch/GroupHead.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/fnmatch/AbstractHead.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/fnmatch/WildCardHead.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/fnmatch/FileNameMatcher.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/fnmatch/LastHead.java

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jar/org/eclipse/jgit/transport/PackTransport.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/FetchProcess.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/SideBandInputStream.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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 /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/diff/RawText.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/CredentialsProvider.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/transport/ReceiveCommand.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/transport/PostReceiveHook.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/internal/storage/dfs/DfsBlock.java

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/**  
* Fetch objects we don't have but that are reachable from advertised refs.  
* <p>  
* Only one call per connection is allowed. Subsequent calls will result in  
* { @link org.eclipse.jgit.errors.TransportException }.  
* </p>  
* <p>  
* Implementations are free to use network connections as necessary to  
* efficiently (for both client and server) transfer objects from the remote  
* repository into this repository. When possible implementations should  
* avoid replacing/overwriting/duplicating an object already available in  
* the local destination repository. Locally available objects and packs  
* should always be preferred over remotely available objects and packs.  
* { @link org.eclipse.jgit.transport.Transport#isFetchThin() } should be  
* honored if applicable.  
* </p>  
*  
* @param monitor  
* progress monitor to inform the end-user about the amount of  
* work completed, or to indicate cancellation. Implementations  
* should poll the monitor at regular intervals to look for  
* cancellation requests from the user.  
* @param want  
* one or more refs advertised by this connection that the caller  
* wants to store locally.  
* @param have  
* additional objects known to exist in the destination  
* repository, especially if they aren't yet reachable by the ref  
* database. Connections should take this set as an addition to  
* what is reachable through all Refs, not in replace of it.  
* @throws org.eclipse.jgit.errors.TransportException  
* objects could not be copied due to a network failure.
protocol error, or error on remote side, or connection was already used for fetch.
*/

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* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/LockFailedException.java
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* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/SubmoduleAddCommand.java
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* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/BlameCommand.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/AddNoteCommand.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/ReflogCommand.java
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  jar/org/eclipse/jgit/util/time/ProposedTimestamp.java
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  jar/org/eclipse/jgit/internal/ketch/KetchLeader.java
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  jar/org/eclipse/jgit/transport/WantNotValidException.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/KetchText.java
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* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/storage/reftree/RefTreeDatabase.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/Proposal.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/transport/ReceivedPackStatistics.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/LagCheck.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/ReplicaFetchRequest.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/ProposalRound.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/storage/reftree/RefTree.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/PrivateReplica.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/LocalReplica.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/util/time/MonotonicSystemClock.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/storage/reftree/RefTreeRename.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/ElectionRound.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/KetchReplica.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/storage/reftree/RefTreePdate.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/KetchLeaderCache.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/LogIndex.java
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* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/LeaderSnapshot.java
* /opt/cola/permits/110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/internal/ketch/ReplicaConfig.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/TranslationBundleLoadingException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/TranslationBundleException.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/TranslationBundleException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/TranslationBundleException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/TranslationBundleException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/TranslationBundleException.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/TranslationBundleException.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/errors/NotSupportedException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/lib/ProgressMonitor.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/revwalk/filter/OrRevFilter.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/revwalk/filter/AndRevFilter.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/treewalk/filter/OrTreeFilter.java
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jar/org/eclipse/jgit/internal/storage/file/WindowCursor.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/api/LogCommand.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/api/errors/MultipleParentsNotAllowedException.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/treewalk/filter/IndexDiffFilter.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/api/RevertCommand.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/internal/storage/reftable/LogCursor.java
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  jar/org/eclipse/jgit/dircache/BaseDirCacheEditor.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/transport/RefLeaseSpec.java

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jar/org/eclipse/jgit/treewalk/CanonicalTreeParser.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/util/ChangeIdUtil.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-jar/org/eclipse/jgit/api/NameRevCommand.java
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jar/org/eclipse/jgit/api/errors/RefNotFoundException.java
*/
jar/org/eclipse/jgit/api/errors/UnmergedPathsException.java

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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
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  jar/org/eclipse/jgit/api/FetchCommand.java
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jar/org/eclipse/jgit/patch/Patch.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/transport/Daemon.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/patch/HunkHeader.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/patch/FileHeader.java
* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2-
jar/org/eclipse/jgit/merge/StrategySimpleTwoWayInCore.java

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  jar/org/eclipse/jgit/transport/PostUploadHook.java
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* /opt/cola/permits/1110676752_1606843642.21/0/org-eclipse-jgit-5-0-2-201807311906-r-sources-2.jar/org/eclipse/jgit/lib/Ref.java

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* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/ResolvedMethodParameterEquivalence.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/JacksonSerializerConvention.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/PropertySourcedRequestMappingHandlerMapping.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/plugins/DefaultRequestHandlerCombiner.java
* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/scanners/ResourcePathProvider.java
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* /opt/cola/permits/1177939630_1625570717.51/0/springfox-spring-web-2-9-2-sources-3-jar/springfox/documentation/spring/web/readers/parameter/ExpansionContext.java
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## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=  
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ 
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ 

## Dependency rules

%.d: $(srcdir)/%.c

@echo "generating dependency information for $<"
@$(_SHELL) -ec '$(_GEN_DEPS.c) $< \n| sed 's/(^\$\n)\(.*\).o[:]=/\1.o $@ : /g' \n| -s $@ ] || rm -f $@' 

%.d: $(srcdir)/%.cpp

@echo "generating dependency information for $<"
@$(_SHELL) -ec '$(_GEN_DEPS.cc) $< \n| sed 's/(^\$\n)\(.*\).o[:]=/\1.o $@ : /g' \n| -s $@ ] || rm -f $@' 

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)

$(RM) $@ && ln -s ${<F} $@ 

%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)

$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@ 

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'

STATIC_PREFIX_WHEN_USED =

STATIC_PREFIX =

## End BSD-specific setup

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* /opt/cola/permits/1000002513_1646171449.18/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopTracer.java
* /opt/cola/permits/1000002513_1646171449.18/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopSpan.java
* /opt/cola/permits/1000002513_1646171449.18/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopSpanContext.java
* /opt/cola/permits/1000002513_1646171449.18/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopSpanBuilder.java
* /opt/cola/permits/1000002513_1646171449.18/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopScopeManager.java
* /opt/cola/permits/1000002513_1646171449.18/0/opentracing-noop-0-31-0-sources-
jar/io/opentracing/noop/NoopTracerFactory.java

1.457 api-ldap-extras-trigger 1.0.0-M20
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1.458 bdbclient 0.2.2

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The 10 level includes the 1000 most common English words (according to the Moby (TM) Words II [MWords] package), a subset of the 1000 most common words on the Internet (again, according to Moby Words II), and frequently class 16 from Brian Kelk's "UK English Wordlist with Frequency Classification".

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From: Brian Kelk <Brian.Kelk@cl.cam.ac.uk>

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Date: Tue, 11 Jul 2000 19:31:34 +0100

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Included for the use of the fix_strcasecmp.c module which works around a Solaris problem.

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1.475 jackson 2.8.6

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1.476 jboss-logmanager 1.4.0.Final

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1.477 httpcore-nio 4.4.11

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*/

Found in path(s):
*/opt/cola/permits/1145440743_1616178883.36/0/metrics-core-2-2-0-sources-5-jar/com/yammer/metrics/stats/ThreadLocalRandom.java

1.479 anytree 2.6.0

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**
/**

Determines if the contents of a PatternMatcherInput, starting from the
current offset of the input contains a pattern.

If a pattern match is found, a MatchResult
instance representing the <b>first</b> such match is made accessible via

{ @link #getMatch() }. The current offset of the
PatternMatcherInput is set to the offset corresponding to the end
of the match, so that a subsequent call to this method will continue
searching where the last call left off. You should remember that the
region between the begin and end offsets of the PatternMatcherInput are
considered the input to be searched, and that the current offset
of the PatternMatcherInput reflects where a search will start from.
Matches extending beyond the end offset of the PatternMatcherInput
will not be matched. In other words, a match must occur entirely
between the begin and end offsets of the input. See

{ @link org.apache.oro.text.regex.PatternMatcherInput PatternMatcherInput } for more details.

As a side effect, if a match is found, the PatternMatcherInput match
offset information is updated. See the PatternMatcherInput

{ @link org.apache.oro.text.regex.PatternMatcherInput#setMatchOffsets
setMatchOffsets(int, int) } method for more details.
* The pattern must be an AwkPattern instance, otherwise a
* ClassCastException will be thrown. You are not required to, and
* indeed should NOT try to (for performance reasons), catch a
* ClassCastException because it will never be thrown as long as you use
* an AwkPattern as the pattern parameter.

* This method is usually used in a loop as follows:

```java
PatternMatcher matcher;
PatternCompiler compiler;
Pattern pattern;
PatternMatcherInput input;
MatchResult result;

compiler = new AwkCompiler();
matcher = new AwkMatcher();

try {
  pattern = compiler.compile(somePatternString);
} catch(MalformedPatternException e) {
  System.err.println("Bad pattern.");
  System.err.println(e.getMessage());
  return;
}

input = new PatternMatcherInput(someStringInput);

while(matcher.contains(input, pattern)) {
  result = matcher.getMatch();
  // Perform whatever processing on the result you want.
}

```

* @param input  The PatternMatcherInput to test for a match.
* @param pattern  The Pattern to be matched.
* @return True if the input contains a pattern match, false otherwise.
* @exception ClassCastException If a Pattern instance other than an
*         AwkPattern is passed as the pattern parameter.
*/

Found in path(s):
* /opt/cola/permits/1000740375_1646171523.75/0/oro-2-0-8-sources-jar/org/apache/oro/text/awk/AwkMatcher.java

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addition of ISO 9796-1 padding.</li>
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- Justin Kolb <jkolb@064pristx.com> - patch to DSA signature generation in OpenPGP. Fix for the unexpected "Unexpected end of ZLIB input stream" exception.
- Ralf Hauser <ralfhauser@064gmx.ch> - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator.
- Michal Dvorak <M_Dvorak@064kbr.cz> - getNextUpdate patch for OCSP SingleResp.
- Klaus Greve Fiorentini <Klaus@064cpqcd.com.br> - array fix in PGP PublicKeyEncSessionPacket.
- Olivier Refalo <Olivier_Refalo@fpl.com> - null pointer exception fix for JDK 1.3 CMSSignedData objects.
- Mariusz Bandola <mariusz.bandola@064cryptotech.com.pl> - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for delaying with general objects in sequences.
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- Ian Haywood <ian@064haywood.bpa.nu> - addition of getSignatureType to PGPSignature.
- Jonathan Edwards <s34gull@064mac.com> - initial support for reading multiple rings from a PGP key file.
- Andrew Thornton <andrew@064cared.cmc.ac.uk> - patch for RSA PUBLIC KEY in PEMReader.
- Gregor Leander <g@064bos-bremen.de> - initial parsing of multiple sequence entries in an X.500 Name.
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- W.R. Dittmer <wdittmer@064cs.vu.nl> - patch to decoding of SignatureCreationTime in BCPG. Patch to PGPKeyPair to fix nullpointer exception.
- Perez Paz Luis Alberto <laperez@064banxico.org.mx> - patch to use of BitString in X.500 name.
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Alpesh Parmar <alps@064linuxmail.org> - patch for class cast problem in PGPPublicKey.getSignatures().

Jay Gengelbach <jengelbach@064webmethods.com> - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.

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Nickolay Bolshakov <tyrex@064rekomsoft.ru> - patch for class cast exception in AuthorityInformationAccess class.

Soren Hilmer <soren.hilmer@064tietoenator.com> - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.

Steve Mitchell <mitchell@064intertrust.com> - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP.

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Dirk Eisner <D.Eisner@seeburger.de> - initial implementation of ISO 7816-4 padding.

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Matteo <matartuso&#064libero.it> - sequence patch to ASN1Dump.

Andrew Paterson <andrew.paterson&#064burnsecs.com> - patches to PGP tools, isRevoked method on PGPPublicKey.

Vladimir Molotkov <vladimir.n.molotkov&#064intel.com> - extensive provider exception handling compliance testing.

Matteo <matartuso&#064libero.it> - sequence patch to ASN1Dump.

Andrew Paterson <andrew.paterson&#064burnsecs.com> - patches to PGP tools, isRevoked method on PGPPublicKey.

Vladimir Molotkov <vladimir.n.molotkov&#064intel.com> - extensive provider exception handling compliance testing.

Florin Kollan <adlocflo&#064web.de> - fix to ElGamalKeyParameters equality testing.

Pavel Vassiliev <pavlaov&#064gmail.com> - Initial GOST28147Mac implementation.

Tom Pesman <tom&#0646inux.net> - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.

Lukasz Kowalczyk <lukasz.b.kowalczyk&#064gmail.com> - patch to fix parsing issue with OpenSSL PEM based certificate requests.

Arndt Hasch <Arndt.Hasch&#064maxence.de> - additional fix for partial reading with new style PGP packets.

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David M. Lee <dmlee&#064Crossroads.com> - code for add and remove secret key in the PGPSecretKeyRing class. Additions to SMIME and CMS unit tests.

Mike Dillon <md5&#064embody.org> - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.

tu-vi cung <t2cung&#064hotmail.com> - patch for out of bounds problem in getDecoderStream method.

Chris Schultz <cschultz&#064gmail.com> - fix for InputStream constructor for X509V2AttributeCertificate.

David M. Lee <dmlee&#064Crossroads.com> - implementation assistance with streaming CMS classes.

Joel Rees <rees&#064ddcom.co.jp> - fix to correct getOID methods from returning same set on X.509 attribute certificates.

Francesc Sau <francesc.sau&#064partners.netfocus.es> - micro fix for tsp Accuracy class.

Larry Bugbee <bugbee&#064mac.com> - initial ECNR implementation.

Remi Blancher <Remi.Blancher&#064keynectis.com> - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.

Brian O'Rourke <brianorourke&#064gmail.com> - patch for signature creation time override in OpenPGP.

Andreas Schwier <andreas.schwier&#064cardcontact.de> - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.

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Carlos Valiente <superdupont&#064gmail.com> - Addition of CRL writing to the PEMWriter class.

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Marzio Lo Giudice <marzio.logiudice@064gmail.com> - fix to endianess in KDF2BytesGenerator, additional KDF2 tests.

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Chris Viles <chris.viles@064yahoo.com> - fix to SignatureSubpacket critical bit setting.

Pasi Eronen <Pasi.Eronen@nokia.com> - extra toString() support for ASN.1 library. Initial patch for large OID components.

Lijun Liao <lijun.liao@064rub.de> - performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream.

Maria Ivanova <maria.ivanova@064gmail.com> - support for tags > 30 in ASN.1 parsing.

Armin Hauml.berlin <arminha@student.ethz.ch> - first cut of internationalisation, initial PKIX validation classes.

Marius Schilder <mschilder@064google.com> - main set of test vectors for Bleichenbacher's forgery attack.

Xavier Le Vouch <xavier@064brittanysoftware.com> - general code clean ups.

Erik Tews <e_tews@064dc.informatik.tu-darmstadt.de> - initial threaded random seed generator, constant-time PKCS#1.5 decoding.

Thomas Dixon <reikomusha@064gmail.com> - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.

Frank Cornelis <info@064frankcornelis.be> - addition of crlAccessMethod in X509ObjectIdentifiers.

Rui Joaquim <joaquim@064cc.isel.ipl.pt> - initial implementation of RSA blinding for signatures.

David Stacey <DStacey@064allantgroup.com> - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.

Martijn Brinkers <list@064mitm.nl> - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.

Julius Davies <juliusdavies@064gmail.com> - additional modes and algorithm support in PEMReader.

Matthias <g&@064artner.de> - GnuPG compatibility changes for PBEFileProcessor.

Olga Kaulinther <olga.kaeltner@064hip-consulting.com> - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.

Germano Rizzo <germano.rizzo@064gmail.com> - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.

N&uuml;cut;e;ria Mar&iacute;acut e; <numaa@064hotmail.com> - patch for alternate data type recognition in CMSSignedDataParser.
Janis Schuller <js@tzi.de> - addition of NotationData packets for OpenPGP.

Michael Samblanet <mike@64samblanet.com> - patches towards improved Sun/default provider support in CMS.

Mike StJohns <mstjohns@064comcast.net> - patches for supporting empty subject in X.509 certificate generation, noneWithECSA.

Ramon Keller <ramon.keller@064gm.ch> - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.

Mark Nelson <mark@064nbr.com> - correction to excluded DN in name constraints processing for PKIX processing.

Eugene Golushkov <eugene_gff@064ukr.net> - mask fix to single byte read in TlsInputStream.

Julien Pasquier <julienpasquier@064free.fr> - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.

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Mike StJohns <mstjohns@064comcast.net> - patches for supporting empty subject in X.509 certificate generation, noneWithECSA.
Henrik Andersson <k.henrik.andersson&#064gmail.com> addition of UniqueIssuerID to certificate generation.

Cagdas Citir <cagdascirit&#064gmail.com> subjectAlternativeName fix for x.509CertStoreSelector.

Harakiri <harakiri_23&#064yahoo.com> datahandler patch for attached parts in SMIME signatures.

Pedro Henriques <pmahenriques&#064gmail.com> explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.

Lothar Kinneringer <job&#064kimmeringer.de> verbose mode for ASN1Dump, support for DERExternal.

Richard Farr <frarr.50&#064gmail.com> initial SRP-6a implementation.

Thomas Castiglione <castiglione&#064064au.ibm.com> patch to encoding for CRMF OptionalValidity.

Elisabetta Romani <eromani&#064064sogei.it> patch for recognising multiple counter signatures.

Robin Lundgren <r737lundgren&#064gmail.com> CMPCertificate constructor from X509CertificateStructure fix.

Petr Kadlec <mormegil&#064064centrum.cz> fix to sign extension key and IV problem in HC-128, HC-256.

Andreas Antener <antener_xa&#064gmail.com> fix for buffer reset in AsymmetricBufferedBlockCipher.

Harendra Rawat <hsrawat&#064064yahoo.com> fix for BERConstructedOctetString.

Rolf Lindemann <lindemann&#064064trustcenter.de> patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].

Alex Artamonov <alexart.home&#064gmail.com> name look up patch for GOST-2001 parameters.

Mike Lyons <mlyons&#064layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.

Chris Cole <chris_h_cole&#064064yahoo.com> identified a problem handling null passwords when loading a BKS keystore.

Tomas Krivanek <tom&#064064atack.cz> added checking of Sender header to SignedMailValidator.

Michael <emfau&#064t-online.de> correction of field error in getResponse method in CertRepMessage.

Trevor Perrin <trevor&#064064cryptography.com> addition of constant time equals to avoid possible timing attacks.

Markus Kilaringsjo <markus&#064064primekey.se> several enhancements to TimeStampResponseGenerator.

Dario Novakovic <daronis&#064064yahoo.com> fix for NPE when checking revocation reason on CRL without extensions.

Michael Smith <msmith&#064cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.

Andrea Zilio <andrea.zilio&#064gmail.com> fix for PEM password encryption of private keys.

Alex Birkett <alex&#064064birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].

Wayne Grant <waynedgrant&#064gmail.com> additional OIDs for PKCS10 and certificate generation support.

Frank Cornelis <info&#064064frankcornelis.be> additional support classes for CAdES, enhancements to OCSP classes.

Jan Dittberner <jan&#064064dittberner.info> addHeader patch for SMIME generator.

Bob McGowan <boaobnmcgoo&#064064btinternet.com> patch to support different content and mgf digests in PSS signing.

Ivo Matheis <i.matheis&#064064seeburger.de> fix to padding verification in ISO-9796-1.

Marco Sandrini <nessche&#064gmail.com> patch to add IV to ISO9797Alg3Mac.

Alf Malf <alfilmalf&#064064hotmail.com> removal of unnecessary limit in CMSContentInfoParser.

Alfonso Massa <alfonso.massa&#064064insiel.it> contributions to CMS time stamp classes.

Giacomo Boccardo <gboccardo&#064064unimacasp.it> initial work on CMSTimeStampedDataParser.

Arnis Tartu <arnis&#064064ut.ee> patches for dealing with OIDs with specific key sizes associated in CMS.
Janusz Sikociski <J.Sikocinski@#064gdzie.pl> addition of Features subpacket support to OpenPGP API.

Juri Hudelejev <jhudelejev@#064gmail.com> JavaDoc fix to CMSIGNEDDataParser.

Liane Velten <liane.velten@#064bjp-consulting.com> fine tuning of code for DHParameters validation.

Shawn Willden <swwillden@#064google.com> additional functionality to PGPKeyRing.

Atanas Krachev <akrachev@#064gmail.com> added support for revocation signatures in OpenPGP.

Mickael Laiking <mickael.laiking@#064keynectis.com> initial cut of EAC classes.

Tim Buktu <tbuktu@#064hotmail.com> Initial implementation of NTRU signing and encryption.

Bernd <bernd@#064gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.

Steing Inge Morisbak <stein.inge.morisbak@#064BEKK.no> Test code for lower case Hex data in PEM headers.

Andreas Schmid <andreas.schmid@#064ngtech.com> Additional expiry time check in PGPublicKeys.

Phil Steitz <phil.steitz@#064gmail.com> Final patch eliminating JCE dependencies in the OpenPGP BC classes.


Daniel Fitzpatrick <daniel.f.nwr@#064gmail.com> Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.

Andy Neilson <Andy.Neilson@#064quest.com>a further patches to deal with multiple providers and PEMReader.

Ted Shaw <xiao.xj@#064gmail.com> patch to MiscPEMGenerator for handling new PKCS10CertificateRequests.

Eleriseth <Eleriseth@#064WPECGLTybVii8Ri6Y7Vz12Lvd2EUilV99v3yNV3IWROG8.fms> speed up for SIC/CTR mode. Provider compatibility generalisations for EC operations.

Kenny Root <kenny@#064the-b.org> patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV() patch for AED.

Maarten Bodewes <maarten.bodewes@#064gmail.com> initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.

Philip Clay <phil_b@#064yahoo.com> Initial implementation of J-PAKE.

Brian Carlstrom <bdc@#064carlstrom.com> compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, initial provider PBKDF2WithHmacSHA1 SecretKeyFactory.

Samuel Lidkeacute:n Borell <samuel@#064primekey.se> patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder.

Sergio Demian Lerner <sergiolerner@#064certimix.com> pointing out isInfinity issue in ECDSASigner signature verification.

Tim Whittington <Tim.Whittington@#064orionhealth.com> patch to remove extra init call in CMac, additional of Encodable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skeein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Nokeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt, PGP API documentation and code quality work.

Marcus Lundblad <marcus.lundblad@#064primekey.se> patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.
<li>Andrey Zhozhin &lt;zhozhin#064xrm.ru&gt; patch for override of TSP SignerInfo attributes.</li>
<li>Sergey Tiunov &lt;t5555d#064gmail.com&gt; initial cut of DVCS classes.</li>
<li>Damian Kolasa &lt;fatredyy#064gmail.com&gt; ASN1Sequence patch for class cast issue in X9Curve.</li>
<li>Ash Hughes &lt;ashley.hughes#064blueyonder.co.uk&gt; patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().</li>
<li>Daniel Hirsch &lt;dev#064daniel-hirsch.de&gt; patch to support parsing of explicit EC parameters in PEM files.</li>
<li>Daniele Ricci &lt;daniele.athome#064gmail.com&gt; initial implementation of EC keys for OpenPGP and RFC6637 support.</li>
<li>Matti Aarnio &lt;matti.aarnio#064methics.fi&gt; tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes.</li>
<li>Babak Najafi &lt;bnajafi#064akamai.com&gt; fixes to OpenPGP NotationData to prevent truncation problems.</li>
<li>Eric M&uuml;ller &lt;eric.mueller#064sage.de&gt; additional standard algorithm name lookups in JcaPEMKeyConverer.</li>
<li>Mathias Herbert &lt;Mathias.Herberts#064gmail.com&gt; fix to inOFF usage in RFC3394WrapEngine.</li>
<li>Daniil Ivanov &lt;daniil.ivanov#064gmail.com&gt; addition of provider support for GOST HMAC SecretKeyFactory.</li>
<li>Daniele Grasso &lt;daniele.grasso86#064gmail.com&gt; contributions to final Key calculation code for SRP6.</li>
<li>Andrey Utkin &lt;cindrhc#064gmail.com&gt; patch to reconstruction of ECOST keys from PrivateKeyInfo objects in provider classes.</li>
<li>Arnis Tartu &lt;arnis#064ut.ee&gt; checker for generated key vs OID in JceCMSContentEncryptorBuilder.</li>
<li>Axel VDB &lt;axel-vdb#064riseup.net&gt; initial implementation of Shacal2.</li>
<li>Roberto Tyley &lt;dev&gt; further work on completing gradle build.</li>
<li>Waldemar Dick &lt;wdick#064devmue.de&gt; code improvement in x500 ASN.1 package.</li>
<li>Sid Steward &lt;sid.steward#064pdflabs.com&gt; code improvements to ASN1Boolean.</li>
<li>Alex Klyubin &lt;klyubin#064google.com&gt; AlgorithmParameters check for EC key agreement.</li>
<li>Jonathan Gillett &lt;gsoc.student#064gmail.com&gt; Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.</li>
<li>Andreas Reiter &lt;andreas.reiter#064iaik.tugraz.at&gt; Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.</li>
<li>Kieran Miller &lt;kieran.miller#064gmail.com&gt; initial implementation for RFC 5649 key wrap with padding.</li>
<li>Oliver Ehli &lt;ehli#064arago.de&gt; Additional support for BSI plain ECDSA in the provider.</li>
<li>Daniel Heldt&lt;Daniel.Heldt#064cryptovision.com&gt; Initial support for encodable state message digests</li>
<li>Robert Bushman &lt;bouncycastle#064traxel.com&gt; Clean up of DirectKeySignature example.</li>
<li>Maurice Aarts &lt;aarts#064risecure.com&gt; updated to KDF generator to follow NIST SP 800-108.</li>
<li>Franskuz Kiefer &lt;https://github.com/franszkuskiefer&gt; initial implementation of Cramer-Shoup.</li>
<li>KB Sriram &lt;mail_kb#064yahoo.com&gt; testing for odd encodings for PGP User Attribute Subpackets.</li>
<li>Marco Schulze &lt;marco#064nightlabs.de&gt; Reported verification bug in GenericSigner.</li>
<li>Martin Schaefer &lt;https://github.com/martinschaefer&gt; contributed a code-cleanup patch.</li>
<li>Lijun Liao &lt;ljin.liao#064gmail.com&gt; add;tion of getSignatureAlgorithmID to BasicOCSPResp.</li>
<li>dstutz &lt;https://github.com/dstutz&gt; added iteration count setters to PKCS#12 PBE mac/key generator builders.</li>
<li>Tobias Wich &lt;tobias.wich#064ecsec.de&gt; Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.</li>
<li>Hauke Mehrtens &lt;hauke#064hauke-m.de&gt; TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.</li>
Daniel Zimmerman <dmz@#064galois.com> Further key quality improvements to RSAKeyPairGenerator.

Jens Kapitza &lt;jkapitza@#064schwarze-allianz.de&gt; Iterative support in OpenPGP API, code cleanup in OpenPGP API.

Johan Eklund &lt;johan@#064primekey.se&gt; Update to RFC 6960 for OCSPObjectIdentifiers.

nikosn &lt;https://github.com/nikosn&gt; Fix to encoding of EC private keys to ensure encoding matches order length.

Axel von dem Bruch &lt;axel-vdb@#064riseup.net&gt; Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest.

Derek Atkins &lt;derek@#064iltfp.com&gt; Documentation fixes to X9ObjectIdentifiers.

Peter Jr Halicky &lt;peto@#064halicky.sk&gt; Correction to notification/error message handling in SignedMailValidator.

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Peter Jr Halicky &lt;peto@#064halicky.sk&gt; Correction to notification/error message handling in SignedMailValidator.
methods in PGP internal API public.

- William Glanton <wglanton77@gmail.com> Fixed bug in Poly1305 [#BIA-620].
- jdvorak001 <https://github.com/jdvorak001> Speed improvements for ASN.1 ObjectIdentifier cache.
- Joseph Naegle <jnaegle@#064grierforensics.com> Patch for handling multiple certificates in a DANE SMIMEA entry.
- The Google Security Team (Project Wycheproof) <https://github.com/google/wycheproof> defect analysis and additional test cases for the provider.
- Gorka Irazoqui <girazoki@#064wpi.edu> from Intel Security Center of Excellence <https://security-center.intel.com/> detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine.
- joerg.senekowitsch@#064veridos.com> patch to deal with hard coded boolean in EAC ECDSAPublicKey.
- Alexandr Krivoshta <wipe@#064ya.ru> N4 calculation fix to GOFB mode.
- Artem Storozhuk <storozhs72@gmail.com> N4 calculation fix to GOFB mode.
- Na Yu <na.yu@#064samsung.com> Constructor patches to CMC PKIData.
- Evangelos Karatsiolis <ekaratsiolis@#064mtg.de> Corrected use of explicit tagging in X.509 PolicyConstraints class.
- Sebastian Wolfgang Roland <sebastianwolfgang.roland@#064stud.tu-darmstadt.de> Initial XMSS/XMSS-MT implementation.
- Mike Safonov <https://github.com/MikeSafonov> initial implementation of GOST3410-2012 for light weight provider and JCA.
- Artem Storozhuk <storozhs72@gmail.com> initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.
- Andreas Glaser <andreass.glaser@gi-de.com> patch to recognise ANSSI curves for PKCS#10 requests.

1.487 netty 3.10.6.Final

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1.492 libcap 2.22 11.el7

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1.493 jboss-annotations-api-1-3-spec

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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- analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.502 libjpeg 8c
1.502.1 Available under license:
No license file was found, but licenses were detected in source scan.

/*
 * jcmarker.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modified 2003-2010 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write JPEG datastream markers.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcmarker.c
No license file was found, but licenses were detected in source scan.

/*
 * jmorecfg.h
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 */
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains additional configuration options that customize the
* JPEG software for special applications or support machine-dependent
* optimizations. Most users will not need to touch this file.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jmorecfg.h
No license file was found, but licenses were detected in source scan.

/*
 * jcprepct.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the compression preprocessing controller.
 * This controller manages the color conversion, downsampling,
 * and edge expansion steps.
 *
 * Most of the complexity here is associated with buffering input rows
 * as required by the downsampler. See the comments at the head of
 * jcsample.c for the downsampler's needs.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcprepct.c
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/*
 * jdpostct.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the decompression postprocessing controller.
 * This controller manages the upsampling, color conversion, and color
 * quantization/reduction steps; specifically, it controls the buffering
 * between upsample/color conversion and color quantization/reduction.
 *
 * If no color quantization/reduction is required, then this module has no
 * work to do, and it just hands off to the upsample/color conversion code.
 * An integrated upsample/convert/quantize process would replace this module
 * entirely.
Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdpostct.c
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/*
 * jerror.h
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file defines the error and message codes for the JPEG library.
 * Edit this file to add new codes, or to translate the message strings to
 * some other language.
 * A set of error-reporting macros are defined too. Some applications using
 * the JPEG library may wish to include this file to get the error codes
 * and/or the macros.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jerror.h
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/*
 * jpeglib.h
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modified 2002-2010 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file defines the application interface for the JPEG library.
 * Most applications using the library need only include this file,
 * and perhaps jerror.h if they want to know the exact error codes.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jpeglib.h
No license file was found, but licenses were detected in source scan.

/*
 * jversion.h
 *
 * Copyright (C) 1991-2011, Thomas G. Lane, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains software version identification.
*/

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* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jmemdosa.asm
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/*
 * jaricom.c
 *
 * Developed 1997-2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains probability estimation tables for common use in
 * arithmetic entropy encoding and decoding routines.
 *
 * This data represents Table D.2 in the JPEG spec (ISO/IEC IS 10918-1
 * and CCITT Recommendation ITU-T T.81) and Table 24 in the JBIG spec
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jaricom.c
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/*
 * jmemdos.c
 *
 * Copyright (C) 1992-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file provides an MS-DOS-compatible implementation of the system-
 * dependent portion of the JPEG memory manager. Temporary data can be
 * stored in extended or expanded memory as well as in regular DOS files.
 *
 * If you use this file, you must be sure that NEED_FAR_POINTERS is defined
 * if you compile in a small-data memory model; it should NOT be defined if
 * you use a large-data memory model. This file is not recommended if you

* are using a flat-memory-space 386 environment such as DJGCC or Watcom C.
* Also, this code will NOT work if struct fields are aligned on greater than
* 2-byte boundaries.
*
* Based on code contributed by Ge' Weijers.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jmemdos.c
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 HDDswitch.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to process some of cjpeg's more complicated
 * command-line switches. Switches processed here are:
 *-qtaps file Read quantization tables from text file
 *-scans file Read scan script from text file
 *-quality N,N,... Set quality ratings
 *-qslots N,N,... Set component quantization table selectors
 *-sample HxV,HxV,... Set component sampling factors
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/rdswitch.c
No license file was found, but licenses were detected in source scan.

*/
 * wrtarga.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in Targa format.
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 *
 * Based on code contributed by Lee Daniel Crocker.
 */

Found in path(s):
/*
 * wrtle.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in RLE format.
 * The Utah Raster Toolkit library is required (version 3.1 or later).
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 *
 * Based on code contributed by Mike Lijewski,
 * with updates from Robert Hutchinson.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/wrtarga.c
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/*
 * cjpeg.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modified 2003-2010 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a command-line user interface for the JPEG compressor.
 * It should work on any system with Unix- or MS-DOS-style command lines.
 *
 * Two different command line styles are permitted, depending on the
 * compile-time switch TWO_FILE_COMMANDLINE:
 *cjpeg [options] inputfile outputfile
 *cjpeg [options] [inputfile]
 *In the second style, output is always to standard output, which you'd
 *normally redirect to a file or pipe to some other program. Input is
 *either from a named file or from standard input (typically redirected).
 *The second style is convenient on Unix but is unhelpful on systems that
 *don't support pipes. Also, you MUST use the first style if your system
 *doesn't do binary I/O to stdin/stdout.
 *
 * To simplify script writing, the "-outfile" switch is provided. The syntax
 *cjpeg [options] -outfile outputfile inputfile
* works regardless of which command line style is used.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/cjpeg.c
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/**
 * jddctmgr.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modified 2002-2010 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the inverse-DCT management logic.
 * This code selects a particular IDCT implementation to be used,
 * and it performs related housekeeping chores. No code in this file
 * is executed per IDCT step, only during output pass setup.
 *
 * Note that the IDCT routines are responsible for performing coefficient
 * dequantization as well as the IDCT proper. This module sets up the
 * dequantization multiplier table needed by the IDCT routine.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jddctmgr.c
No license file was found, but licenses were detected in source scan.

/**
 * rdppm.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modified 2009 by Bill Allombert, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to read input images in PPM/PGM format.
 * The extended 2-byte-per-sample raw PPM/PGM formats are supported.
 * The PBMPPLUS library is NOT required to compile this software
 * (but it is highly useful as a set of PPM image manipulation programs).
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume input from
 * an ordinary stdio stream. They further assume that reading begins
 * at the start of the file; start_input may need work if the
 * user interface has already read some data (e.g., to determine that
 * the file is indeed PPM format).
/*
/* Portions of this code are based on the PBMPLUS library, which is:
**
** Copyright (C) 1988 by Jef Poskanzer.
**
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** implied warranty.
*/

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/*
* jdmerge.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains code for merged upsampling/color conversion.
*
* This file combines functions from jdsample.c and jdcolor.c;
* read those files first to understand what's going on.
*
* When the chroma components are to be upsampled by simple replication
* (ie, box filtering), we can save some work in color conversion by
* calculating all the output pixels corresponding to a pair of chroma
* samples at one time. In the conversion equations
* R = Y + K1 * Cr
* G = Y + K2 * Cb + K3 * Cr
* B = Y + K4 * Cb
* only the Y term varies among the group of pixels corresponding to a pair
* of chroma samples, so the rest of the terms can be calculated just once.
* At typical sampling ratios, this eliminates half or three-quarters of the
* multiplications needed for color conversion.
*
* This file currently provides implementations for the following cases:
* YCbCr => RGB color conversion only.
* Sampling ratios of 2h1v or 2h2v.
* No scaling needed at upsample time.
* Corner-aligned (non-CCIR601) sampling alignment.
* Other special cases could be added, but in most applications these are
* the only common cases. (For uncommon cases we fall back on the more
* general code in jdsample.c and jdcolor.c.)
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdmerge.c
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/ *
* cderror.h
* 
* Copyright (C) 1994-1997, Thomas G. Lane.
* Modified 2009 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file defines the error and message codes for the cjpeg/djpeg
* applications. These strings are not needed as part of the JPEG library
* proper.
* Edit this file to add new codes, or to translate the message strings to
* some other language.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/cderror.h
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/ *
* jpegint.h
* 
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file provides common declarations for the various JPEG modules.
* These declarations are considered internal to the JPEG library; most
* applications using the library shouldn't need to include this file.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jpegint.h
No license file was found, but licenses were detected in source scan.

/ *
* rdrle.c
* 
* Copyright (C) 1991-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains routines to read input images in Utah RLE format.
* The Utah Raster Toolkit library is required (version 3.1 or later).
* These routines may need modification for non-Unix environments or
  specialized applications. As they stand, they assume input from
  an ordinary stdin stream. They further assume that reading begins
  at the start of the file; start_input may need work if the
  user interface has already read some data (e.g., to determine that
  the file is indeed RLE format).
* Based on code contributed by Mike Lijewski,
* with updates from Robert Hutchinson.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/rdrle.c
No license file was found, but licenses were detected in source scan.

/*
 * jdapimin.c
 *
 * Copyright (C) 1994-1998, Thomas G. Lane.
 * Modified 2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * This file contains application interface code for the decompression half
 * of the JPEG library. These are the "minimum" API routines that may be
 * needed in either the normal full-decompression case or the
 * transcoding-only case.
 * Most of the routines intended to be called directly by an application
 * are in this file or in jdapistd.c. But also see jcomapi.c for routines
 * shared by compression and decompression, and jdtrans.c for the transcoding
 * case.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdapimin.c
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/*
 * rdbmp.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modified 2009-2010 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains routines to read input images in Microsoft "BMP"
* format (MS Windows 3.x, OS/2 1.x, and OS/2 2.x flavors).
* Currently, only 8-bit and 24-bit images are supported, not 1-bit or
* 4-bit (feeding such low-depth images into JPEG would be silly anyway).
* Also, we don't support RLE-compressed files.
*
* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume input from
* an ordinary stdio stream. They further assume that reading begins
* at the start of the file; start_input may need work if the
* user interface has already read some data (e.g., to determine that
* the file is indeed BMP format).
*
* This code contributed by James Arthur Boucher.
* /

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/rdbmp.c
No license file was found, but licenses were detected in source scan.

/*
 * jconfig.txt
 *
 * Copyright (C) 1991-1994, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * *
 * This file documents the configuration options that are required to
 * customize the JPEG software for a particular system.
 * *
 * The actual configuration options for a particular installation are stored
 * in jconfig.h. On many machines, jconfig.h can be generated automatically
 * or copied from one of the "canned" jconfig files that we supply. But if
 * you need to generate a jconfig.h file by hand, this file tells you how.
 * *
 * DO NOT EDIT THIS FILE --- IT WON'T ACCOMPLISH ANYTHING.
 * EDIT A COPY NAMED JCONFIG.H.
 *
/*
* These symbols indicate the properties of your machine or compiler.
* #define the symbol if yes, #undef it if no.
*/
/* Does your compiler support function prototypes?  
* (If not, you also need to use ansi2knr, see install.txt)  
*/
#define HAVE_PROTOTYPES

/* Does your compiler support the declaration "unsigned char"?  
* How about "unsigned short"?  
*/
#define HAVE_UNSIGNED_CHAR
#define HAVE UNSIGNED SHORT

/* Define "void" as "char" if your compiler doesn't know about type void.  
* NOTE: be sure to define void such that "void *" represents the most general  
* pointer type, e.g., that returned by malloc().  
*/
/* #define void char */

/* Define "const" as empty if your compiler doesn't know the "const" keyword.  
*/
/* #define const */

/* Define this if an ordinary "char" type is unsigned.  
* If you're not sure, leaving it undefined will work at some cost in speed.  
* If you defined HAVE_UNSIGNED_CHAR then the speed difference is minimal.  
*/
#undef CHAR IS UNSIGNED

/* Define this if your system has an ANSI-conforming <stddef.h> file.  
*/
#define HAVE_STDDEF_H

/* Define this if your system has an ANSI-conforming <stdlib.h> file.  
*/
#define HAVE_STDLIB_H

/* Define this if your system does not have an ANSI/SysV <string.h>,  
* but does have a BSD-style <strings.h>.  
*/
#undef NEED_BSD_STRINGS

/* Define this if your system does not provide typedef size_t in any of the  
* ANSI-standard places (stddef.h, stdlib.h, or stdio.h), but places it in  
* <sys/types.h> instead.  
*/
#undef NEED_SYS_TYPES_H

/* For 80x86 machines, you need to define NEED_FAR_POINTERS,  
* unless you are using a large-data memory model or 80386 flat-memory mode.  
*/
* On less brain-damaged CPUs this symbol must not be defined.
* (Defining this symbol causes large data structures to be referenced through
* "far" pointers and to be allocated with a special version of malloc.)
*/
#undef NEED_FAR_POINTERS

/* Define this if your linker needs global names to be unique in less
* than the first 15 characters.
*/
#undef NEED_SHORT_EXTERNAL_NAMES

/* Although a real ANSI C compiler can deal perfectly well with pointers to
* unspecified structures (see "incomplete types" in the spec), a few pre-ANSI
* and pseudo-ANSI compilers get confused. To keep one of these bozos happy,
* define INCOMPLETE_TYPES_BROKEN. This is not recommended unless you
* actually get "missing structure definition" warnings or errors while
* compiling the JPEG code.
*/
#undef INCOMPLETE_TYPES_BROKEN

/* Define "boolean" as unsigned char, not int, on Windows systems.
*/
#ifdef _WIN32
#ifndef __RPCNDR_H__	/* don't conflict if rpcndr.h already read */
typedef unsigned char boolean;
#endif
#define HAVE_BOOLEAN	/* prevent jmorecfg.h from redefining it */
#endif

/*
* The following options affect code selection within the JPEG library,
* but they don't need to be visible to applications using the library.
* To minimize application namespace pollution, the symbols won't be
* defined unless JPEG_INTERNALS has been defined.
*/
#ifdef JPEG_INTERNALS

/* Define this if your compiler implements ">>" on signed values as a logical
* (unsigned) shift; leave it undefined if ">>" is a signed (arithmetic) shift,
* which is the normal and rational definition.
*/
#undef RIGHT_SHIFT_IS_UNSIGNED

#endif /* JPEG_INTERNALS */
/*
 * The remaining options do not affect the JPEG library proper,
 * but only the sample applications cjpegdjpeg (see cjpegc.c, djpegc.c).
 * Other applications can ignore these.
 */

#ifdef JPEG_CJPEG_DJPEG

/* These defines indicate which image (non-JPEG) file formats are allowed. */
#define BMP_SUPPORTED	/* BMP image file format */
#define GIF_SUPPORTED	/* GIF image file format */
#define PPM_SUPPORTED	/* PBMPLUS PPM/PGM image file format */
#undef RLE_SUPPORTED	/* Utah RLE image file format */
#define TARGA_SUPPORTED	/* Targa image file format */

/* Define this if you want to name both input and output files on the command
 * line, rather than using stdin and optionally stdout. You MUST do this if
 * your system can't cope with binary I/O to stdin/stdout. See comments at
 * head of cjpegc.c or djpegc.c.
 */
#undef TWO_FILE_COMMANDLINE

/* Define this if your system needs explicit cleanup of temporary files.
 * This is crucial under MS-DOS, where the temporary "files" may be areas
 * of extended memory; on most other systems it's not as important.
 */
#undef NEED_SIGNAL_CATCHER

/* By default, we open image files with fopen(...."rb") or fopen(...."wb").
 * This is necessary on systems that distinguish text files from binary files,
 * and is harmless on most systems that don't. If you have one of the rare
 * systems that complains about the "b" spec, define this symbol.
 */
#undef DONT_USE_B_MODE

/* Define this if you want percent-done progress reports from cjpegdjpeg.
 */
#undef PROGRESS_REPORT

#endif /* JPEG_CJPEG_DJPEG */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jconfig.txt
No license file was found, but licenses were detected in source scan.
/*
 * jmemmac.c
 *
 * Copyright (C) 1992-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * jmemmac.c provides an Apple Macintosh implementation of the system-
 * dependent portion of the JPEG memory manager.
 *
 * If you use jmemmac.c, then you must define USE_MAC_MEMMGR in the
 * JPEG_INTERNALS part of jconfig.h.
 *
 * jmemmac.c uses the Macintosh toolbox routines NewPtr and DisposePtr
 * instead of malloc and free. It accurately determines the amount of
 * memory available by using CompactMem. Notice that if left to its
 * own devices, this code can chew up all available space in the
 * application's zone, with the exception of the rather small "slop"
 * factor computed in jpeg_mem_available(). The application can ensure
 * that more space is left over by reducing max_memory_to_use.
 *
 * Large images are swapped to disk using temporary files and System 7.0+'s
 * temporary folder functionality.
 *
 * Note that jmemmac.c depends on two features of MacOS that were first
 * introduced in System 7: FindFolder and the FSSpec-based calls.
 * If your application uses jmemmac.c and is run under System 6 or earlier,
 * and the jpeg library decides it needs a temporary file, it will abort,
 * printing error messages about requiring System 7. (If no temporary files
 * are created, it will run fine.)
 *
 * If you want to use jmemmac.c in an application that might be used with
 * System 6 or earlier, then you should remove dependencies on FindFolder
 * and the FSSpec calls. You will need to replace FindFolder with some
 * other mechanism for finding a place to put temporary files, and you
 * should replace the FSSpec calls with their HFS equivalents:
 *
 * FSpDelete   ->  HDelete
 * FSpGetFInfo ->  HGetFInfo
 * FSpCreate   ->  HCreate
 * FSpOpenDF   ->  HOpen     *** Note: not HOpenDF ***
 * FSMakeFSSpec ->  (fill in spec by hand.)
 *
 * (Use HOpen instead of HOpenDF. HOpen is just a glue-interface to PBHOpen,
 * which is on all HFS macs. HOpenDF is a System 7 addition which avoids the
 * ages-old problem of names starting with a period.)
 *
 * Contributed by Sam Bushell (jsam@iagu.on.net) and
* Dan Gildor (gyld@in-touch.com).
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jmemmac.c
No license file was found, but licenses were detected in source scan.

/*
 * jidctfst.c
 *
 * Copyright (C) 1994-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a fast, not so accurate integer implementation of the
 * inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
 * must also perform dequantization of the input coefficients.
 *
 * A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
 * on each row (or vice versa, but it's more convenient to emit a row at
 * a time). Direct algorithms are also available, but they are much more
 * complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on Arai, Agui, and Nakajima's algorithm for
 * scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
 * Japanese, but the algorithm is described in the Pennebaker & Mitchell
 * JPEG textbook (see REFERENCES section in file README). The following code
 * is based directly on figure 4-8 in P&M.
 * While an 8-point DCT cannot be done in less than 11 multiplies, it is
 * possible to arrange the computation so that many of the multiplies are
 * simple scalings of the final outputs. These multiplies can then be
 * folded into the multiplications or divisions by the JPEG quantization
 * table entries. The AA&N method leaves only 5 multiplies and 29 adds
 * to be done in the DCT itself.
 * The primary disadvantage of this method is that with fixed-point math,
 * accuracy is lost due to imprecise representation of the scaled
 * quantization values. The smaller the quantization table entry, the less
 * precise the scaled value, so this implementation does worse with high-
 * quality-setting files than with low-quality ones.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jidctfst.c
No license file was found, but licenses were detected in source scan.
* Copyright (C) 1991-1998, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains optional default-setting code for the JPEG compressor.
* Applications do not have to use this file, but those that don't use it
* must know a lot more about the innards of the JPEG code.
*/

Found in path(s):

*/opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcparam.c

No license file was found, but licenses were detected in source scan.

/*

* jfdctfst.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains a fast, not so accurate integer implementation of the
* forward DCT (Discrete Cosine Transform).
*
* A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
* on each column. Direct algorithms are also available, but they are
* much more complex and seem not to be any faster when reduced to code.
*
* This implementation is based on Arai, Agui, and Nakajima's algorithm for
* scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
* Japanese, but the algorithm is described in the Pennebaker & Mitchell
* JPEG textbook (see REFERENCES section in file README). The following code
* is based directly on figure 4-8 in P&M.
* While an 8-point DCT cannot be done in less than 11 multiplies, it is
* possible to arrange the computation so that many of the multiplies are
* simple scalings of the final outputs. These multiplies can then be
* folded into the multiplications or divisions by the JPEG quantization
* table entries. The AA&N method leaves only 5 multiplies and 29 adds
* to be done in the DCT itself.
* The primary disadvantage of this method is that with fixed-point math,
* accuracy is lost due to imprecise representation of the scaled
* quantization values. The smaller the quantization table entry, the less
* precise the scaled value, so this implementation does worse with high-
* quality-setting files than with low-quality ones.
*/

Found in path(s):
No license file was found, but licenses were detected in source scan.

/*
 * jidctflt.c
 *
 * Copyright (C) 1994-1998, Thomas G. Lane.
 * Modified 2010 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a floating-point implementation of the
 * inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
 * must also perform dequantization of the input coefficients.
 *
 * This implementation should be more accurate than either of the integer
 * IDCT implementations. However, it may not give the same results on all
 * machines because of differences in roundoff behavior. Speed will depend
 * on the hardware's floating point capacity.
 *
 * A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
 * on each row (or vice versa, but it's more convenient to emit a row at
 * a time). Direct algorithms are also available, but they are much more
 * complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on Arai, Agui, and Nakajima's algorithm for
 * scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
 * Japanese, but the algorithm is described in the Pennebaker & Mitchell
 * JPEG textbook (see REFERENCES section in file README). The following code
 * is based directly on figure 4-8 in P&M.
 * While an 8-point DCT cannot be done in less than 11 multiplies, it is
 * possible to arrange the computation so that many of the multiplies are
 * simple scalings of the final outputs. These multiplies can then be
 * folded into the multiplications or divisions by the JPEG quantization
 * table entries. The AA&N method leaves only 5 multiplies and 29 adds
 * to be done in the DCT itself.
 * The primary disadvantage of this method is that with a fixed-point
 * implementation, accuracy is lost due to imprecise representation of the
 * scaled quantization values. However, that problem does not arise if
 * we use floating point arithmetic.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jidctflt.c

No license file was found, but licenses were detected in source scan.

/*
 * jutils.c
* Copyright (C) 1991-1996, Thomas G. Lane.
* Modified 2009 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains tables and miscellaneous utility routines needed
* for both compression and decompression.
* Note we prefix all global names with "j" to minimize conflicts with
* a surrounding application.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jutils.c
No license file was found, but licenses were detected in source scan.

/*
* jmemname.c
*
* Copyright (C) 1992-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file provides a generic implementation of the system-dependent
* portion of the JPEG memory manager. This implementation assumes that
* you must explicitly construct a name for each temp file.
* Also, the problem of determining the amount of memory available
* is shoved onto the user.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jmemname.c
No license file was found, but licenses were detected in source scan.

/*
* jdtrans.c
*
* Copyright (C) 1995-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains library routines for transcoding decompression,
* that is, reading raw DCT coefficient arrays from an input JPEG file.
* The routines in jdapimin.c will also be needed by a transcoder.
*/

Found in path(s):
No license file was found, but licenses were detected in source scan.

* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdtrans.c

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jpegtran.c

No license file was found, but licenses were detected in source scan.

* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jpegtran.c

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jpegtran.c
No license file was found, but licenses were detected in source scan.

/*
 * jdcolor.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains output colorspace conversion routines.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdcolor.c

No license file was found, but licenses were detected in source scan.

The Independent JPEG Group's JPEG software
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README for release 8c of 16-Jan-2011
====================================

This distribution contains the eighth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

This software is the work of Tom Lane, Guido Vollbeding, Philip Gladstone, Bill Allombert, Jim Boucher, Lee Crocker, Bob Friesenhahn, Ben Jackson, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION ROADMAP
=======================

This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
ACKNOWLEDGMENTS Special thanks.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:
User documentation:

install.txt  How to configure and install the IJG software.
usage.txt   Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
*.1        Unix-style man pages for programs (same info as usage.txt).
wizard.txt Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:

libjpeg.txt How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.txt Overview of the JPEG library's internal structure.
filelist.txt Road map of IJG files.
coderules.txt Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced “jay-peg”) is a standardized compression method for full-color and gray-scale images.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.
We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

LEGAL ISSUES
==============

In plain English:

1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-2011, Thomas G. Lane, Guido Vollbeding. All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of
the Independent JPEG Group”.

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software”.

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch, sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA. ansi2knr.c is NOT covered by the above copyright and conditions, but instead by the usual distribution terms of the Free Software Foundation; principally, that you must include source code if you redistribute it. (See the file ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part of any program generated from the IJG code, this does not limit you more than the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that "The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated.”

REFERENCES

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We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30–44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at http://www.ijg.org/files/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...


Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology.

If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.


IJG JPEG 8 introduces an implementation of the JPEG SmartScale extension

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from http://www.ecma-international.org/publications/techreports/E-TR-098.htm. A PostScript version of the JFIF document is available at http://www.ijg.org/files/jfif.ps.gz. There is also a plain text version at http://www.ijg.org/files/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from http://www.ijg.org/files/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS
=======================

The "official" archive site for this software is www.ijg.org. The most recent released version can always be found there in directory "files". This particular version will be archived as http://www.ijg.org/files/jpegsrc.v8c.tar.gz, and in Windows-compatible "zip" archive format as http://www.ijg.org/files/jpegsrc8c.zip.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG. It is available on the World Wide Web at http://www.faqs.org/qa-qa/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body
send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

ACKNOWLEDGMENTS
====================
Thank to Juergen Bruder for providing me with a copy of the common DCT algorithm article, only to find out that I had come to the same result in a more direct and comprehensible way with a more generative approach.

Thank to Istvan Sebestyen and Joan L. Mitchell for inviting me to the ITU JPEG (Study Group 16) meeting in Geneva, Switzerland.

Thank to Thomas Wiegand and Gary Sullivan for inviting me to the Joint Video Team (MPEG & ITU) meeting in Geneva, Switzerland.

Thank to John Korejwa and Massimo Ballerini for inviting me to fruitful consultations in Boston, MA and Milan, Italy.

Thank to Hendrik Elstner, Roland Fassauer, Simone Zuck, Guenther Maier-Gerber, Walter Stoebier, Fred Schmitz, and Norbert Braunagel for corresponding business development.

Thank to Nico Zschach and Dirk Stelling of the technical support team at the Digital Images company in Halle for providing me with extra equipment for configuration tests.

Thank to Richard F. Lyon (then of Foveon Inc.) for fruitful communication about JPEG configuration in Sigma Photo Pro software.

Thank to Andrew Finkenstadt for hosting the ijk.org site.

Last but not least special thank to Thomas G. Lane for the original design and development of this singular software package.

FILE FORMAT WARS

The ISO JPEG standards committee actually promotes different formats like "JPEG 2000" or "JPEG XR" which are incompatible with original DCT-based JPEG and which are based on faulty technologies. IJK therefore does not and will not support such momentary mistakes (see REFERENCES). We have little or no sympathy for the promotion of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files. Don't use an incompatible file format!

(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

TO DO

====
Version 8 is the first release of a new generation JPEG standard to overcome the limitations of the original JPEG specification. More features are being prepared for coming releases...

Please send bug reports, offers of help, etc. to jpeg-info@uc.ag.

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/README
No license file was found, but licenses were detected in source scan.

/*
* jmemmgr.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains the JPEG system-independent memory management routines. This code is usable across a wide variety of machines; most of the system dependencies have been isolated in a separate file.
* The major functions provided here are:
* pool-based allocation and freeing of memory;
* policy decisions about how to divide available memory among the virtual arrays;
* control logic for swapping virtual arrays between main memory and backing storage.
* The separate system-dependent file provides the actual backing-storage access code, and it contains the policy decision about how much total main memory to use.
* This file is system-dependent in the sense that some of its functions are unnecessary in some systems. For example, if there is enough virtual memory so that backing storage will never be used, much of the virtual array control logic could be removed. (Of course, if you have that much memory then you shouldn't care about a little bit of unused code...)
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jmemmgr.c
No license file was found, but licenses were detected in source scan.

/*
* jidctint.c
*
* Copyright (C) 1991-1998, Thomas G. Lane.
* Modification developed 2002-2009 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains a slow-but-accurate integer implementation of the
* inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
* must also perform dequantization of the input coefficients.
*
* A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
* on each row (or vice versa, but it's more convenient to emit a row at
* a time). Direct algorithms are also available, but they are much more
* complex and seem not to be any faster when reduced to code.
*
* This implementation is based on an algorithm described in
* C. Loeffler, A. Ligtenberg and G. Moschytz, "Practical Fast 1-D DCT
* Algorithms with 11 Multiplications", Proc. Int'l. Conf. on Acoustics,
* The primary algorithm described there uses 11 multiplies and 29 adds.
* We use their alternate method with 12 multiplies and 32 adds.
* The advantage of this method is that no data path contains more than one
* multiplication; this allows a very simple and accurate implementation in
* scaled fixed-point arithmetic, with a minimal number of shifts.
*
* We also provide IDCT routines with various output sample block sizes for
* direct resolution reduction or enlargement and for direct resolving the
* common 2x1 and 1x2 subsampling cases without additional resampling: NxN
* (N=1...16), 2NxN, and Nx2N (N=1...8) pixels for one 8x8 input DCT block.
*
* For N<8 we simply take the corresponding low-frequency coefficients of
* the 8x8 input DCT block and apply an NxN point IDCT on the sub-block
* to yield the downscaled outputs.
* This can be seen as direct low-pass downsampling from the DCT domain
* point of view rather than the usual spatial domain point of view,
* yielding significant computational savings and results at least
* as good as common bilinear (averaging) spatial downsampling.
*
* For N>8 we apply a partial NxN IDCT on the 8 input coefficients as
* lower frequencies and higher frequencies assumed to be zero.
* It turns out that the computational effort is similar to the 8x8 IDCT
* regarding the output size.
* Furthermore, the scaling and descaling is the same for all IDCT sizes.
*
* CAUTION: We rely on the FIX() macro except for the N=1,2,4,8 cases
* since there would be too many additional constants to pre-calculate.
*
Found in path(s):
*/

/
* wrjpgcom.c

* Copyright (C) 1994-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains a very simple stand-alone application that inserts
* user-supplied text as a COM (comment) marker in a JFIF file.
* This may be useful as an example of the minimum logic needed to parse
* JPEG markers.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/wrjpgcom.c
No license file was found, but licenses were detected in source scan.

/*
* jdarith.c
*
* Developed 1997-2009 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains portable arithmetic entropy decoding routines for JPEG
*
* Both sequential and progressive modes are supported in this single module.
*
* Suspension is not currently supported in this module.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdarith.c
No license file was found, but licenses were detected in source scan.

/*
* jcapimin.c
*
* Copyright (C) 1994-1998, Thomas G. Lane.
* Modified 2003-2010 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains application interface code for the compression half
* of the JPEG library. These are the "minimum" API routines that may be
* needed in either the normal full-compression case or the transcoding-only
* case.
*
* Most of the routines intended to be called directly by an application
* are in this file or in jcapistd.c. But also see jcparam.c for
* parameter-setup helper routines, jcomapi.c for routines shared by
* compression and decompression, and jctrans.c for the transcoding case.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcapimin.c
No license file was found, but licenses were detected in source scan.

/*
 * jctrans.c
 *
 * Copyright (C) 1995-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains library routines for transcoding compression,
 * that is, writing raw DCT coefficient arrays to an output JPEG file.
 * The routines in jcapimin.c will also be needed by a transcoder.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jctrans.c
No license file was found, but licenses were detected in source scan.

/*
 * transupp.h
 *
 * Copyright (C) 1997-2009, Thomas G. Lane, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains declarations for image transformation routines and
 * other utility code used by the jpegtran sample application. These are
 * NOT part of the core JPEG library. But we keep these routines separate
 * from jpegtran.c to ease the task of maintaining jpegtran-like programs
 * that have other user interfaces.
 *
 * NOTE: all the routines declared here have very specific requirements
 * about when they are to be executed during the reading and writing of the
 * source and destination files. See the comments in transupp.c, or see
 * jpegtran.c for an example of correct usage.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/transupp.h
No license file was found, but licenses were detected in source scan.

/*
 * jcapistd.c
 * 
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * 
 * This file contains application interface code for the compression half
 * of the JPEG library. These are the "standard" API routines that are
 * used in the normal full-compression case. They are not used by a
 * transcoding-only application. Note that if an application links in
 * jpeg_start_compress, it will end up linking in the entire compressor.
 * We thus must separate this file from jcamin.c to avoid linking the
 * whole compression library into a transcoder.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcapistd.c

No license file was found, but licenses were detected in source scan.

/*
 * wrppm.c
 * 
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modified 2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * 
 * This file contains routines to write output images in PPM/PGM format.
 * The extended 2-byte-per-sample raw PPM/PGM formats are supported.
 * The PBMPLUS library is NOT required to compile this software
 * (but it is highly useful as a set of PPM image manipulation programs).
 * 
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/wrppm.c

No license file was found, but licenses were detected in source scan.

IJG JPEG LIBRARY: FILE LIST

Copyright (C) 1994-2009, Thomas G. Lane, Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

Here is a road map to the files in the IJG JPEG distribution. The distribution includes the JPEG library proper, plus two application programs ("cjpeg" and "djpeg") which use the library to convert JPEG files to and from some other popular image formats. A third application "jpegtran" uses the library to do lossless conversion between different variants of JPEG. There are also two stand-alone applications, "rdjpgcom" and "wrjpgrcom".

THE JPEG LIBRARY
=================

Include files:

jpeglib.h JPEG library's exported data and function declarations.
jconfig.h Configuration declarations. Note: this file is not present in the distribution; it is generated during installation.
jmorecfg.h Additional configuration declarations; need not be changed for a standard installation.
jerro.h Declares JPEG library's error and trace message codes.
jinclude.h Central include file used by all IJG .c files to reference system include files.
jpegint.h JPEG library's internal data structures.
jdct.h Private declarations for forward & reverse DCT subsystems.
jnemsys.h Private declarations for memory management subsystem.
jversion.h Version information.

Applications using the library should include jpeglib.h (which in turn includes jconfig.h and jmorecfg.h). Optionally, jerro.h may be included if the application needs to reference individual JPEG error codes. The other include files are intended for internal use and would not normally be included by an application program. (cjpeg/djjpeg/etc do use jinclude.h, since its function is to improve portability of the whole IJG distribution. Most other applications will directly include the system include files they want, and hence won't need jinclude.h.)

C source code files:

These files contain most of the functions intended to be called directly by an application program:

jcapimin.c Application program interface: core routines for compression.
jcapistd.c Application program interface: standard compression.
jdapimin.c Application program interface: core routines for decompression.
jdapistd.c: Application program interface: standard decompression.
jcomapi.c: Application program interface routines common to compression and decompression.
jcparam.c: Compression parameter setting helper routines.
jctrans.c: API and library routines for transcoding compression.
jdtrans.c: API and library routines for transcoding decompression.

Compression side of the library:

jcinit.c: Initialization: determines which other modules to use.
jcmaster.c: Master control: setup and inter-pass sequencing logic.
jcprepct.c: Preprocessor buffer controller (preprocessor => JPEG compressor).
jcparam.c: Compression parameter setting helper routines.
jctrans.c: API and library routines for transcoding compression.
jdtrans.c: API and library routines for transcoding decompression.

Decompression side of the library:

jdmaster.c: Master control: determines which other modules to use.
jdinput.c: Input controller: controls input processing modules.
jdmainct.c: Main buffer controller (JPEG decompressor => postprocessor).
jdcoefct.c: Buffer controller for DCT coefficient buffer.
jdcolor.c: Color space conversion.
jdmerge.c: Merged upsampling/color conversion (faster, lower quality).
jquant1.c: One-pass color quantization using a fixed-spacing colormap.
jquant2.c: Two-pass color quantization using a custom-generated colormap. Also handles one-pass quantization to an externally given map.
jdatsrc.c: Data source managers for memory and stdio input.

cSupport files for both compression and decompression:
jaricom.c: Tables for common use in arithmetic entropy encoding and decoding routines.
error.c: Standard error handling routines (application replaceable).
jmemmgr.c: System-independent (more or less) memory management code.
utils.c: Miscellaneous utility routines.

jmemmgr.c relies on a system-dependent memory management module. The IJG distribution includes the following implementations of the system-dependent module:

jmemnobs.c: “No backing store”: assumes adequate virtual memory exists.
jmemansi.c: Makes temporary files with ANSI-standard routine tmpfile().
jmemname.c: Makes temporary files with program-generated file names.
jmemdos.c: Custom implementation for MS-DOS (16-bit environment only): can use extended and expanded memory as well as temp files.
jmemmac.c: Custom implementation for Apple Macintosh.

Exactly one of the system-dependent modules should be configured into an installed JPEG library (see install.txt for hints about which one to use). On unusual systems you may find it worthwhile to make a special system-dependent memory manager.

Non-C source code files:

jmemdosa.asm: 80x86 assembly code support for jmemdos.c; used only in MS-DOS-specific configurations of the JPEG library.

CJPEG/DJPEG/JPEGTRAN

Include files:

cdjpeg.h: Declarations shared by cjpeg/djpeg/jpegtran modules.
cerror.h: Additional error and trace message codes for cjpeg et al.
transupp.h: Declarations for jpegtran support routines in transupp.c.

C source code files:

cjpeg.c: Main program for cjpeg.
djpeg.c: Main program for djpeg.
jpegtran.c: Main program for jpegtran.
cdjpeg.c: Utility routines used by all three programs.
rdcolormap.c: Code to read a colormap file for djpeg's "-map" switch.
rdswitch.c: Code to process some of cjpeg's more complex switches. Also used by jpegtran.
transupp.c: Support code for jpegtran: lossless image manipulations.

Image file reader modules for cjpeg:

dbmp.c: BMP file input.
dgif.c: GIF file input (now just a stub).
dppm.c: PPM/PGM file input.
drle.c: Utah RLE file input.
dtarga.c: Targa file input.

Image file writer modules for djpeg:

wrbmp.c: BMP file output.
wrgif.c: GIF file output (a mere shadow of its former self).
wppm.c: PPM/PGM file output.
wrle.c: Utah RLE file output.
wtarga.c: Targa file output.

RDJPGCOM/WRJPGCOM

C source code files:

rdjpgcom.c: Stand-alone rdjpgcom application.
wrjpgcom.c: Stand-alone wrjpgcom application.

These programs do not depend on the IJG library. They do use jconfig.h and jinclude.h, only to improve portability.

ADDITIONAL FILES

Documentation (see README for a guide to the documentation files):

README: Master documentation file.
*.txt: Other documentation files.
*.1: Documentation in Unix man page format.
change.log: Version-to-version change highlights.
example.c: Sample code for calling JPEG library.

Configuration/installation files and programs (see install.txt for more info):

configure: Unix shell script to perform automatic configuration.
configure.ac: Source file for use with Autoconf to generate configure.
ltmain.sh: Support scripts for configure (from GNU libtool).
config.guess
config.sub

depcomp

missing

install-sh

Install shell script for those Unix systems lacking one.

Makefile.in

Makefile input for configure.

Makefile.am

Source file for use with Automake to generate Makefile.in.

ckconfig.c

Program to generate jconfig.h on non-Unix systems.

jconfig.txt

Template for making jconfig.h by hand.

mak*.

*Sample makefiles for particular systems.

jconfig.*

*Sample jconfig.h for particular systems.

libjpeg.map

Script to generate shared library with versioned symbols.

aclocal.m4

Macro definitions for use with Autoconf.

ansi2knr.c

De-ANSIfier for pre-ANSI C compilers (courtesy of
L. Peter Deutsch and Aladdin Enterprises).

Test files (see install.txt for test procedure):

test*.

*Source and comparison files for confidence test.

These are binary image files, NOT text files.

Found in path(s):

* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/filelist.txt

No license file was found, but licenses were detected in source scan.

/*

* jdsample.c

*

* Copyright (C) 1991-1996, Thomas G. Lane.
* Modified 2002-2008 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains upsampling routines.
*
* Upsampling input data is counted in "row groups". A row group
* is defined to be (v_samp_factor * DCT_v_scaled_size / min_DCT_v_scaled_size)
* sample rows of each component. Upsampling will normally produce
* max_v_samp_factor pixel rows from each row group (but this could vary
* if the upsampler is applying a scale factor of its own).
*
* An excellent reference for image resampling is
*/

Found in path(s):

* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdsample.c
No license file was found, but licenses were detected in source scan.

/*
 * jdatasrc.c
 *
 /* Copyright (C) 1994-1996, Thomas G. Lane.
 * Modified 2009-2010 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains decompression data source routines for the case of
 * reading JPEG data from memory or from a file (or any stdio stream).
 * While these routines are sufficient for most applications,
 * some will want to use a different source manager.
 * IMPORTANT: we assume that fread() will correctly transcribe an array of
 * JOCTETs from 8-bit-wide elements on external storage.  If char is wider
 * than 8 bits on your machine, you may need to do some tweaking.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdatasrc.c

No license file was found, but licenses were detected in source scan.

/*
 * cdjpeg.h
 *
 /* Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains common declarations for the sample applications
 * cjpeg and djpeg.  It is NOT used by the core JPEG library.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/cdjpeg.h

No license file was found, but licenses were detected in source scan.

/*
 * jccolor.c
 *
 /* Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains input colorspace conversion routines.
 */
Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jccolor.c
No license file was found, but licenses were detected in source scan.

/ *
* transupp.c
*
* Copyright (C) 1997-2009, Thomas G. Lane, Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains image transformation routines and other utility code
* used by the jpegtran sample application. These are NOT part of the core
* JPEG library. But we keep these routines separate from jpegtran.c to
* ease the task of maintaining jpegtran-like programs that have other user
* interfaces.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/transupp.c
No license file was found, but licenses were detected in source scan.

IJG JPEG LIBRARY: SYSTEM ARCHITECTURE

Copyright (C) 1991-2009, Thomas G. Lane, Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file provides an overview of the architecture of the IJG JPEG software;
that is, the functions of the various modules in the system and the interfaces
between modules. For more precise details about any data structure or calling
convention, see the include files and comments in the source code.

We assume that the reader is already somewhat familiar with the JPEG standard.
The README file includes references for learning about JPEG. The file
libjpeg.txt describes the library from the viewpoint of an application
programmer using the library; it's best to read that file before this one.
Also, the file coderules.txt describes the coding style conventions we use.

In this document, JPEG-specific terminology follows the JPEG standard:
A "component" means a color channel, e.g., Red or Luminance.
A "sample" is a single component value (i.e., one number in the image data).
A "coefficient" is a frequency coefficient (a DCT transform output number).
A "block" is an 8x8 group of samples or coefficients.
An "MCU" (minimum coded unit) is an interleaved set of blocks of size
determined by the sampling factors, or a single block in a
noninterleaved scan.
We do not use the terms "pixel" and "sample" interchangeably. When we say pixel, we mean an element of the full-size image, while a sample is an element of the downsampled image. Thus the number of samples may vary across components while the number of pixels does not. (This terminology is not used rigorously throughout the code, but it is used in places where confusion would otherwise result.)

*** System features ***

The IJG distribution contains two parts:
* A subroutine library for JPEG compression and decompression.
* cjpeg/djpeg, two sample applications that use the library to transform JFIF JPEG files to and from several other image formats.

cjpeg/djpeg are of no great intellectual complexity: they merely add a simple command-line user interface and I/O routines for several uncompressed image formats. This document concentrates on the library itself.

We desire the library to be capable of supporting all JPEG baseline, extended sequential, and progressive DCT processes. Hierarchical processes are not supported.

The library does not support the lossless (spatial) JPEG process. Lossless JPEG shares little or no code with lossy JPEG, and would normally be used without the extensive pre- and post-processing provided by this library. We feel that lossless JPEG is better handled by a separate library.

Within these limits, any set of compression parameters allowed by the JPEG spec should be readable for decompression. (We can be more restrictive about what formats we can generate.) Although the system design allows for all parameter values, some uncommon settings are not yet implemented and may never be; nonintegral sampling ratios are the prime example. Furthermore, we treat 8-bit vs. 12-bit data precision as a compile-time switch, not a run-time option, because most machines can store 8-bit pixels much more compactly than 12-bit.

By itself, the library handles only interchange JPEG datastreams --- in particular the widely used JFIF file format. The library can be used by surrounding code to process interchange or abbreviated JPEG datastreams that are embedded in more complex file formats. (For example, libtiff uses this library to implement JPEG compression within the TIFF file format.)

The library includes a substantial amount of code that is not covered by the JPEG standard but is necessary for typical applications of JPEG. These functions preprocess the image before JPEG compression or postprocess it after decompression. They include colorspace conversion, downsampling/upsampling, and color quantization. This code can be omitted if not needed.
A wide range of quality vs. speed tradeoffs are possible in JPEG processing, and even more so in decompression postprocessing. The decompression library provides multiple implementations that cover most of the useful tradeoffs, ranging from very-high-quality down to fast-preview operation. On the compression side we have generally not provided low-quality choices, since compression is normally less time-critical. It should be understood that the low-quality modes may not meet the JPEG standard's accuracy requirements; nonetheless, they are useful for viewers.

*** Portability issues ***

Portability is an essential requirement for the library. The key portability issues that show up at the level of system architecture are:

1. Memory usage. We want the code to be able to run on PC-class machines with limited memory. Images should therefore be processed sequentially (in strips), to avoid holding the whole image in memory at once. Where a full-image buffer is necessary, we should be able to use either virtual memory or temporary files.

2. Near/far pointer distinction. To run efficiently on 80x86 machines, the code should distinguish "small" objects (kept in near data space) from "large" ones (kept in far data space). This is an annoying restriction, but fortunately it does not impact code quality for less brain-damaged machines, and the source code clutter turns out to be minimal with sufficient use of pointer typedefs.

3. Data precision. We assume that "char" is at least 8 bits, "short" and "int" at least 16, "long" at least 32. The code will work fine with larger data sizes, although memory may be used inefficiently in some cases. However, the JPEG compressed datastream must ultimately appear on external storage as a sequence of 8-bit bytes if it is to conform to the standard. This may pose a problem on machines where char is wider than 8 bits. The library represents compressed data as an array of values of typedef JOCTET. If no data type exactly 8 bits wide is available, custom data source and data destination modules must be written to unpack and pack the chosen JOCTET datatype into 8-bit external representation.

*** System overview ***

The compressor and decompressor are each divided into two main sections: the JPEG compressor or decompressor proper, and the preprocessing or postprocessing functions. The interface between these two sections is the image data that the official JPEG spec regards as its input or output: this data is in the colorspace to be used for compression, and it is downsampled to the sampling factors to be used. The preprocessing and postprocessing
steps are responsible for converting a normal image representation to or from this form. (Those few applications that want to deal with YCbCr downsampled data can skip the preprocessing or postprocessing step.)

Looking more closely, the compressor library contains the following main elements:

Preprocessing:
* Color space conversion (e.g., RGB to YCbCr).
* Edge expansion and downsampling. Optionally, this step can do simple smoothing --- this is often helpful for low-quality source data.

JPEG proper:
* MCU assembly, DCT, quantization.
* Entropy coding (sequential or progressive, Huffman or arithmetic).

In addition to these modules we need overall control, marker generation, and support code (memory management & error handling). There is also a module responsible for physically writing the output data --- typically this is just an interface to fwrite(), but some applications may need to do something else with the data.

The decompressor library contains the following main elements:

JPEG proper:
* Entropy decoding (sequential or progressive, Huffman or arithmetic).
* Dequantization, inverse DCT, MCU disassembly.

Postprocessing:
* Upsampling. Optionally, this step may be able to do more general rescaling of the image.
* Color space conversion (e.g., YCbCr to RGB). This step may also provide gamma adjustment [ currently it does not ].
* Optional color quantization (e.g., reduction to 256 colors).
* Optional color precision reduction (e.g., 24-bit to 15-bit color).
[This feature is not currently implemented.]

We also need overall control, marker parsing, and a data source module. The support code (memory management & error handling) can be shared with the compression half of the library.

There may be several implementations of each of these elements, particularly in the decompressor, where a wide range of speed/quality tradeoffs is very useful. It must be understood that some of the best speedups involve merging adjacent steps in the pipeline. For example, upsampling, color space conversion, and color quantization might all be done at once when using a low-quality ordered-dither technique. The system architecture is designed to allow such merging where appropriate.
Note: it is convenient to regard edge expansion (padding to block boundaries) as a preprocessing/postprocessing function, even though the JPEG spec includes it in compression/decompression. We do this because downsampling/upsampling can be simplified a little if they work on padded data: it's not necessary to have special cases at the right and bottom edges. Therefore the interface buffer is always an integral number of blocks wide and high, and we expect compression preprocessing to pad the source data properly. Padding will occur only to the next block (8-sample) boundary. In an interleaved-scan situation, additional dummy blocks may be used to fill out MCUs, but the MCU assembly and disassembly logic will create or discard these blocks internally. (This is advantageous for speed reasons, since we avoid DCTing the dummy blocks. It also permits a small reduction in file size, because the compressor can choose dummy block contents so as to minimize their size in compressed form. Finally, it makes the interface buffer specification independent of whether the file is actually interleaved or not.) Applications that wish to deal directly with the downscaled data must provide similar buffering and padding for odd-sized images.

*** Poor man's object-oriented programming ***

It should be clear by now that we have a lot of quasi-independent processing steps, many of which have several possible behaviors. To avoid cluttering the code with lots of switch statements, we use a simple form of object-style programming to separate out the different possibilities.

For example, two different color quantization algorithms could be implemented as two separate modules that present the same external interface; at runtime, the calling code will access the proper module indirectly through an "object".

We can get the limited features we need while staying within portable C. The basic tool is a function pointer. An "object" is just a struct containing one or more function pointer fields, each of which corresponds to a method name in real object-oriented languages. During initialization we fill in the function pointers with references to whichever module we have determined we need to use in this run. Then invocation of the module is done by indirecting through a function pointer; on most machines this is no more expensive than a switch statement, which would be the only other way of making the required run-time choice. The really significant benefit, of course, is keeping the source code clean and well structured.

We can also arrange to have private storage that varies between different implementations of the same kind of object. We do this by making all the module-specific object structs be separately allocated entities, which will be accessed via pointers in the master compression or decompression struct. The "public" fields or methods for a given kind of object are specified by a commonly known struct. But a module's initialization code can allocate a larger struct that contains the common struct as its first member, plus...
additional private fields. With appropriate pointer casting, the module's internal functions can access these private fields. (For a simple example, see jdatadst.c, which implements the external interface specified by struct jpeg_destination_mgr, but adds extra fields.)

(Of course this would all be a lot easier if we were using C++, but we are not yet prepared to assume that everyone has a C++ compiler.)

An important benefit of this scheme is that it is easy to provide multiple versions of any method, each tuned to a particular case. While a lot of precalculation might be done to select an optimal implementation of a method, the cost per invocation is constant. For example, the upsampling step might have a "generic" method, plus one or more "hardwired" methods for the most popular sampling factors; the hardwired methods would be faster because they'd use straight-line code instead of for-loops. The cost to determine which method to use is paid only once, at startup, and the selection criteria are hidden from the callers of the method.

This plan differs a little bit from usual object-oriented structures, in that only one instance of each object class will exist during execution. The reason for having the class structure is that on different runs we may create different instances (choose to execute different modules). You can think of the term "method" as denoting the common interface presented by a particular set of interchangeable functions, and "object" as denoting a group of related methods, or the total shared interface behavior of a group of modules.

*** Overall control structure ***

We previously mentioned the need for overall control logic in the compression and decompression libraries. In IJG implementations prior to v5, overall control was mostly provided by "pipeline control" modules, which proved to be large, unwieldy, and hard to understand. To improve the situation, the control logic has been subdivided into multiple modules. The control modules consist of:

1. Master control for module selection and initialization. This has two responsibilities:

   1A. Startup initialization at the beginning of image processing.
       The individual processing modules to be used in this run are selected and given initialization calls.

   1B. Per-pass control. This determines how many passes will be performed and calls each active processing module to configure itself appropriately at the beginning of each pass. End-of-pass processing, where necessary, is also invoked from the master control module.
Method selection is partially distributed, in that a particular processing module may contain several possible implementations of a particular method, which it will select among when given its initialization call. The master control code need only be concerned with decisions that affect more than one module.

2. Data buffering control. A separate control module exists for each inter-processing-step data buffer. This module is responsible for invoking the processing steps that write or read that data buffer.

Each buffer controller sees the world as follows:

input data => processing step A => buffer => processing step B => output data

|              |               |
------------------ controller ------------------

The controller knows the dataflow requirements of steps A and B: how much data they want to accept in one chunk and how much they output in one chunk. Its function is to manage its buffer and call A and B at the proper times.

A data buffer control module may itself be viewed as a processing step by a higher-level control module; thus the control modules form a binary tree with elementary processing steps at the leaves of the tree.

The control modules are objects. A considerable amount of flexibility can be had by replacing implementations of a control module. For example:

* Merging of adjacent steps in the pipeline is done by replacing a control module and its pair of processing-step modules with a single processing-step module. (Hence the possible merges are determined by the tree of control modules.)
* In some processing modes, a given interstep buffer need only be a "strip" buffer large enough to accommodate the desired data chunk sizes. In other modes, a full-image buffer is needed and several passes are required. The control module determines which kind of buffer is used and manipulates virtual array buffers as needed. One or both processing steps may be unaware of the multi-pass behavior.

In theory, we might be able to make all of the data buffer controllers interchangeable and provide just one set of implementations for all. In practice, each one contains considerable special-case processing for its particular job. The buffer controller concept should be regarded as an overall system structuring principle, not as a complete description of the task performed by any one controller.

*** Compression object structure ***

Here is a sketch of the logical structure of the JPEG compression library:
This sketch also describes the flow of control (subroutine calls) during typical image data processing. Each of the components shown in the diagram is an "object" which may have several different implementations available. One or more source code files contain the actual implementation(s) of each object.

The objects shown above are:

* **Main controller**: buffer controller for the subsampled-data buffer, which holds the preprocessed input data. This controller invokes preprocessing to fill the subsampled-data buffer, and JPEG compression to empty it. There is usually no need for a full-image buffer here; a strip buffer is adequate.

* **Preprocessing controller**: buffer controller for the downsampling input data buffer, which lies between colorspace conversion and downsampling. Note that a unified conversion/downsampling module would probably replace this controller entirely.

* **Colorspace conversion**: converts application image data into the desired JPEG color space; also changes the data from pixel-interleaved layout to separate component planes. Processes one pixel row at a time.

* **Downsampling**: performs reduction of chroma components as required. Optionally may perform pixel-level smoothing as well. Processes a "row group" at a time, where a row group is defined as Vmax pixel rows of each component before downsampling, and Vk sample rows afterwards (remember Vk differs across components). Some downsampling or smoothing algorithms may require context rows above and below the current row group; the preprocessing controller is responsible for supplying these rows via proper buffering. The downsampler is responsible for edge expansion at the right edge (i.e., extending each sample row to a multiple of 8 samples); but the preprocessing controller is responsible for vertical edge expansion (i.e., duplicating the bottom sample row as needed to make a multiple of 8 rows).

* **Coefficient controller**: buffer controller for the DCT-coefficient data. This controller handles MCU assembly, including insertion of dummy DCT blocks when needed at the right or bottom edge. When performing Huffman-code optimization or emitting a multiscan JPEG file, this controller is responsible for buffering the full image. The equivalent of one fully interleaved MCU row of subsampled data is processed per call,
even when the JPEG file is noninterleaved.

* Forward DCT and quantization: Perform DCT, quantize, and emit coefficients. Works on one or more DCT blocks at a time. (Note: the coefficients are now emitted in normal array order, which the entropy encoder is expected to convert to zigzag order as necessary. Prior versions of the IJG code did the conversion to zigzag order within the quantization step.)

* Entropy encoding: Perform Huffman or arithmetic entropy coding and emit the coded data to the data destination module. Works on one MCU per call. For progressive JPEG, the same DCT blocks are fed to the entropy coder during each pass, and the coder must emit the appropriate subset of coefficients.

In addition to the above objects, the compression library includes these objects:

* Master control: determines the number of passes required, controls overall and per-pass initialization of the other modules.

* Marker writing: generates JPEG markers (except for RSTn, which is emitted by the entropy encoder when needed).

* Data destination manager: writes the output JPEG datastream to its final destination (e.g., a file). The destination manager supplied with the library knows how to write to a stdio stream; for other behaviors, the surrounding application may provide its own destination manager.

* Memory manager: allocates and releases memory, controls virtual arrays (with backing store management, where required).

* Error handler: performs formatting and output of error and trace messages; determines handling of nonfatal errors. The surrounding application may override some or all of this object's methods to change error handling.

* Progress monitor: supports output of "percent-done" progress reports. This object represents an optional callback to the surrounding application: if wanted, it must be supplied by the application.

The error handler, destination manager, and progress monitor objects are defined as separate objects in order to simplify application-specific customization of the JPEG library. A surrounding application may override individual methods or supply its own all-new implementation of one of these objects. The object interfaces for these objects are therefore treated as part of the application interface of the library, whereas the other objects are internal to the library.

The error handler and memory manager are shared by JPEG compression and
decompression; the progress monitor, if used, may be shared as well.

*** Decompression object structure ***

Here is a sketch of the logical structure of the JPEG decompression library:

```
|-- Entropy decoding
    |-- Coefficient controller --|
    |                            |-- Dequantize, Inverse DCT
Main controller --|
    |                               |-- Upsampling
    |-- Postprocessing controller --|   |-- Colorspace conversion
    |                   |-- Color quantization
    |                   |-- Color precision reduction
```

As before, this diagram also represents typical control flow. The objects shown are:

* Main controller: buffer controller for the subsampled-data buffer, which holds the output of JPEG decompression proper. This controller's primary task is to feed the postprocessing procedure. Some upsampling algorithms may require context rows above and below the current row group; when this is true, the main controller is responsible for managing its buffer so as to make context rows available. In the current design, the main buffer is always a strip buffer; a full-image buffer is never required.

* Coefficient controller: buffer controller for the DCT-coefficient data. This controller handles MCU disassembly, including deletion of any dummy DCT blocks at the right or bottom edge. When reading a multiscan JPEG file, this controller is responsible for buffering the full image. (Buffering DCT coefficients, rather than samples, is necessary to support progressive JPEG.) The equivalent of one fully interleaved MCU row of subsampled data is processed per call, even when the source JPEG file is noninterleaved.

* Entropy decoding: Read coded data from the data source module and perform Huffman or arithmetic entropy decoding. Works on one MCU per call. For progressive JPEG decoding, the coefficient controller supplies the prior coefficients of each MCU (initially all zeroes), which the entropy decoder modifies in each scan.

* Dequantization and inverse DCT: like it says. Note that the coefficients buffered by the coefficient controller have NOT been dequantized; we merge dequantization and inverse DCT into a single step for speed reasons. When scaled-down output is asked for, simplified DCT algorithms may be used that need fewer coefficients and emit fewer samples per DCT block, not the full 8x8. Works on one DCT block at a time.
* Postprocessing controller: buffer controller for the color quantization input buffer, when quantization is in use. (Without quantization, this controller just calls the upsampler.) For two-pass quantization, this controller is responsible for buffering the full-image data.

* Upsampling: restores chroma components to full size. (May support more general output rescaling, too. Note that if undersized DCT outputs have been emitted by the DCT module, this module must adjust so that properly sized outputs are created.) Works on one row group at a time. This module also calls the color conversion module, so its top level is effectively a buffer controller for the upsampling->color conversion buffer. However, in all but the highest-quality operating modes, upsampling and color conversion are likely to be merged into a single step.

* Colorspace conversion: convert from JPEG color space to output color space, and change data layout from separate component planes to pixel-interleaved. Works on one pixel row at a time.

* Color quantization: reduce the data to colormapped form, using either an externally specified colormap or an internally generated one. This module is not used for full-color output. Works on one pixel row at a time; may require two passes to generate a color map. Note that the output will always be a single component representing colormap indexes. In the current design, the output values are JSAMPLEs, so an 8-bit compilation cannot quantize to more than 256 colors. This is unlikely to be a problem in practice.

* Color reduction: this module handles color precision reduction, e.g., generating 15-bit color (5 bits/primary) from JPEG's 24-bit output. Not quite clear yet how this should be handled... should we merge it with colorspace conversion???

Note that some high-speed operating modes might condense the entire postprocessing sequence to a single module (upsample, color convert, and quantize in one step).

In addition to the above objects, the decompression library includes these objects:

* Master control: determines the number of passes required, controls overall and per-pass initialization of the other modules. This is subdivided into input and output control: jdinput.c controls only input-side processing, while jdmaster.c handles overall initialization and output-side control.

* Marker reading: decodes JPEG markers (except for RSTn).

* Data source manager: supplies the input JPEG datastream. The source
manager supplied with the library knows how to read from a stdio stream; for other behaviors, the surrounding application may provide its own source manager.

* Memory manager: same as for compression library.

* Error handler: same as for compression library.

* Progress monitor: same as for compression library.

As with compression, the data source manager, error handler, and progress monitor are candidates for replacement by a surrounding application.

*** Decompression input and output separation ***

To support efficient incremental display of progressive JPEG files, the decompressor is divided into two sections that can run independently:

1. Data input includes marker parsing, entropy decoding, and input into the coefficient controller's DCT coefficient buffer. Note that this processing is relatively cheap and fast.

2. Data output reads from the DCT coefficient buffer and performs the IDCT and all postprocessing steps.

For a progressive JPEG file, the data input processing is allowed to get arbitrarily far ahead of the data output processing. (This occurs only if the application calls jpeg_consume_input(); otherwise input and output run in lockstep, since the input section is called only when the output section needs more data.) In this way the application can avoid making extra display passes when data is arriving faster than the display pass can run. Furthermore, it is possible to abort an output pass without losing anything, since the coefficient buffer is read-only as far as the output section is concerned. See libjpeg.txt for more detail.

A full-image coefficient array is only created if the JPEG file has multiple scans (or if the application specifies buffered-image mode anyway). When reading a single-scan file, the coefficient controller normally creates only a one-MCU buffer, so input and output processing must run in lockstep in this case. jpeg_consume_input() is effectively a no-op in this situation.

The main impact of dividing the decompressor in this fashion is that we must be very careful with shared variables in the cinfo data structure. Each variable that can change during the course of decompression must be classified as belonging to data input or data output, and each section must look only at its own variables. For example, the data output section may not depend on any of the variables that describe the current scan in the JPEG
file, because these may change as the data input section advances into a new scan.

The progress monitor is (somewhat arbitrarily) defined to treat input of the file as one pass when buffered-image mode is not used, and to ignore data input work completely when buffered-image mode is used. Note that the library has no reliable way to predict the number of passes when dealing with a progressive JPEG file, nor can it predict the number of output passes in buffered-image mode. So the work estimate is inherently bogus anyway.

No comparable division is currently made in the compression library, because there isn't any real need for it.

*** Data formats ***

Arrays of pixel sample values use the following data structure:

- `typedef something JSAMPLE;` a pixel component value, 0..MAXJSAMPLE
- `typedef JSAMPLE *JSAMPROW;` ptr to a row of samples
- `typedef JSAMPROW *JSAMPARRAY;` ptr to a list of rows
- `typedef JSAMPARRAY *JSAMPIMAGE;` ptr to a list of color-component arrays

The basic element type JSAMPLE will typically be one of unsigned char, (signed) char, or short. Short will be used if samples wider than 8 bits are to be supported (this is a compile-time option). Otherwise, unsigned char is used if possible. If the compiler only supports signed chars, then it is necessary to mask off the value when reading. Thus, all reads of JSAMPLE values must be coded as "GETJSAMPLE(value)", where the macro will be defined as "((value) & 0xFF)" on signed-char machines and "((int) (value))" elsewhere.

With these conventions, JSAMPLE values can be assumed to be >= 0. This helps simplify correct rounding during downsampling, etc. The JPEG standard's specification that sample values run from -128..127 is accommodated by subtracting 128 from the sample value in the DCT step. Similarly, during decompression the output of the IDCT step will be immediately shifted back to 0..255. (NB: different values are required when reading. Thus, all reads of JSAMPLE values must be coded as "GETJSAMPLE(value)", where the macro will be defined as "((value) & 0xFF)" on signed-char machines and "((int) (value))" elsewhere.

The code is written in terms of MAXJSAMPLE and CENTERJSAMPLE, which will be defined as 255 and 128 respectively in an 8-bit implementation, and as 4095 and 2048 in a 12-bit implementation.)

We use a pointer per row, rather than a two-dimensional JSAMPLE array. This choice costs only a small amount of memory and has several benefits:

* Code using the data structure doesn't need to know the allocated width of the rows. This simplifies edge expansion/compression, since we can work in an array that's wider than the logical picture width.
* Indexing doesn't require multiplication; this is a performance win on many machines.
* Arrays with more than 64K total elements can be supported even on machines where malloc() cannot allocate chunks larger than 64K.
* The rows forming a component array may be allocated at different times without extra copying. This trick allows some speedups in smoothing steps that need access to the previous and next rows.

Note that each color component is stored in a separate array; we don't use the traditional layout in which the components of a pixel are stored together. This simplifies coding of modules that work on each component independently, because they don't need to know how many components there are. Furthermore, we can read or write each component to a temporary file independently, which is helpful when dealing with noninterleaved JPEG files.

In general, a specific sample value is accessed by code such as
GETJSAMPLE(image[colorcomponent][row][col])
where col is measured from the image left edge, but row is measured from the first sample row currently in memory. Either of the first two indexings can be precomputed by copying the relevant pointer.

Since most image-processing applications prefer to work on images in which the components of a pixel are stored together, the data passed to or from the surrounding application uses the traditional convention: a single pixel is represented by N consecutive JSAMPLE values, and an image row is an array of (# of color components)*(image width) JSAMPLEs. One or more rows of data can be represented by a pointer of type JSAMPARRAY in this scheme. This scheme is converted to component-wise storage inside the JPEG library. (Applications that want to skip JPEG preprocessing or postprocessing will have to contend with component-wise storage.)

Arrays of DCT-coefficient values use the following data structure:

typedef short JCOEF; // a 16-bit signed integer
typedef JCOEF JBLOCK[DCTSIZE2]; // an 8x8 block of coefficients
typedef JBLOCK *JBLOCKROW; // ptr to one horizontal row of 8x8 blocks
typedef JBLOCKROW *JBLOCKARRAY; // ptr to a list of such rows
typedef JBLOCKARRAY *JBLOCKIMAGE; // ptr to a list of color component arrays

The underlying type is at least a 16-bit signed integer; while "short" is big enough on all machines of interest, on some machines it is preferable to use "int" for speed reasons, despite the storage cost. Coefficients are grouped into 8x8 blocks (but we always use #defines DCTSIZE and DCTSIZE2 rather than "8" and "64").

The contents of a coefficient block may be in either "natural" or zigzagged order, and may be true values or divided by the quantization coefficients, depending on where the block is in the processing pipeline. In the current
library, coefficient blocks are kept in natural order everywhere; the entropy codecs zigzag or dezigzag the data as it is written or read. The blocks contain quantized coefficients everywhere outside the DCT/IDCT subsystems. (This latter decision may need to be revisited to support variable quantization a la JPEG Part 3.)

Notice that the allocation unit is now a row of 8x8 blocks, corresponding to eight rows of samples. Otherwise the structure is much the same as for samples, and for the same reasons.

On machines where malloc() can't handle a request bigger than 64Kb, this data structure limits us to rows of less than 512 JBLOCKs, or a picture width of 4000+ pixels. This seems an acceptable restriction.

On 80x86 machines, the bottom-level pointer types (JSAMPROW and JBLOCKROW) must be declared as "far" pointers, but the upper levels can be "near" (implying that the pointer lists are allocated in the DS segment). We use a #define symbol FAR, which expands to the "far" keyword when compiling on 80x86 machines and to nothing elsewhere.

*** Suspendable processing ***

In some applications it is desirable to use the JPEG library as an incremental, memory-to-memory filter. In this situation the data source or destination may be a limited-size buffer, and we can't rely on being able to empty or refill the buffer at arbitrary times. Instead the application would like to have control return from the library at buffer overflow/underrun, and then resume compression or decompression at a later time.

This scenario is supported for simple cases. (For anything more complex, we recommend that the application "bite the bullet" and develop real multitasking capability.) The libjpeg.txt file goes into more detail about the usage and limitations of this capability; here we address the implications for library structure.

The essence of the problem is that the entropy codec (coder or decoder) must be prepared to stop at arbitrary times. In turn, the controllers that call the entropy codec must be able to stop before having produced or consumed all the data that they normally would handle in one call. That part is reasonably straightforward: we make the controller call interfaces include "progress counters" which indicate the number of data chunks successfully processed, and we require callers to test the counter rather than just assume all of the data was processed.

Rather than trying to restart at an arbitrary point, the current Huffman codecs are designed to restart at the beginning of the current MCU after a
suspension due to buffer overflow/underrun. At the start of each call, the codec's internal state is loaded from permanent storage (in the JPEG object structures) into local variables. On successful completion of the MCU, the permanent state is updated. (This copying is not very expensive, and may even lead to *improved* performance if the local variables can be registerized.) If a suspension occurs, the codec simply returns without updating the state, thus effectively reverting to the start of the MCU. Note that this implies leaving some data unprocessed in the source/destination buffer (ie, the compressed partial MCU). The data source/destination module interfaces are specified so as to make this possible. This also implies that the data buffer must be large enough to hold a worst-case compressed MCU; a couple thousand bytes should be enough.

In a successive-approximation AC refinement scan, the progressive Huffman decoder has to be able to undo assignments of newly nonzero coefficients if it suspends before the MCU is complete, since decoding requires distinguishing previously-zero and previously-nonzero coefficients. This is a bit tedious but probably won't have much effect on performance. Other variants of Huffman decoding need not worry about this, since they will just store the same values again if forced to repeat the MCU.

This approach would probably not work for an arithmetic codec, since its modifiable state is quite large and couldn't be copied cheaply. Instead it would have to suspend and resume exactly at the point of the buffer end.

The JPEG marker reader is designed to cope with suspension at an arbitrary point. It does so by backing up to the start of the marker parameter segment, so the data buffer must be big enough to hold the largest marker of interest. Again, a couple KB should be adequate. (A special “skip” convention is used to bypass COM and APPn markers, so these can be larger than the buffer size without causing problems; otherwise a 64K buffer would be needed in the worst case.)

The JPEG marker writer currently does *not* cope with suspension. We feel that this is not necessary; it is much easier simply to require the application to ensure there is enough buffer space before starting. (An empty 2K buffer is more than sufficient for the header markers; and ensuring there are a dozen or two bytes available before calling jpeg_finish_compress() will suffice for the trailer.) This would not work for writing multi-scan JPEG files, but we simply do not intend to support that capability with suspension.

*** Memory manager services ***

The JPEG library's memory manager controls allocation and deallocation of memory, and it manages large "virtual" data arrays on machines where the operating system does not provide virtual memory. Note that the same
memory manager serves both compression and decompression operations.

In all cases, allocated objects are tied to a particular compression or decompression master record, and they will be released when that master record is destroyed.

The memory manager does not provide explicit deallocation of objects. Instead, objects are created in "pools" of free storage, and a whole pool can be freed at once. This approach helps prevent storage-leak bugs, and it speeds up operations whenever malloc/free are slow (as they often are). The pools can be regarded as lifetime identifiers for objects. Two pools/lifetimes are defined:

* JPOOL_PERMANENT lasts until master record is destroyed
* JPOOL_IMAGE lasts until done with image (JPEG datastream)

Permanent lifetime is used for parameters and tables that should be carried across from one datastream to another; this includes all application-visible parameters. Image lifetime is used for everything else. (A third lifetime, JPOOL_PASS = one processing pass, was originally planned. However it was dropped as not being worthwhile. The actual usage patterns are such that the peak memory usage would be about the same anyway; and having per-pass storage substantially complicates the virtual memory allocation rules --- see below.)

The memory manager deals with three kinds of object:

1. "Small" objects. Typically these require no more than 10K-20K total.
2. "Large" objects. These may require tens to hundreds of K depending on image size. Semantically they behave the same as small objects, but we distinguish them for two reasons:
   * On MS-DOS machines, large objects are referenced by FAR pointers, small objects by NEAR pointers.
   * Pool allocation heuristics may differ for large and small objects.

Note that individual "large" objects cannot exceed the size allowed by type size_t, which may be 64K or less on some machines.

3. "Virtual" objects. These are large 2-D arrays of JSAMPLEs or JBLOCKs (typically large enough for the entire image being processed). The memory manager provides stripwise access to these arrays. On machines without virtual memory, the rest of the array may be swapped out to a temporary file.

(Note: JSAMPARRAY and JBLOCKARRAY data structures are a combination of large objects for the data proper and small objects for the row pointers. For convenience and speed, the memory manager provides single routines to create these structures. Similarly, virtual arrays include a small control block and a JSAMPARRAY or JBLOCKARRAY working buffer, all created with one call.)

In the present implementation, virtual arrays are only permitted to have image lifespan. (Permanent lifespan would not be reasonable, and pass lifespan is not very useful since a virtual array's raison d'être is to store data for multiple passes through the image.) We also expect that only "small" objects
will be given permanent lifespan, though this restriction is not required by the memory manager.

In a non-virtual-memory machine, some performance benefit can be gained by making the in-memory buffers for virtual arrays be as large as possible. (For small images, the buffers might fit entirely in memory, so blind swapping would be very wasteful.) The memory manager will adjust the height of the buffers to fit within a prespecified maximum memory usage. In order to do this in a reasonably optimal fashion, the manager needs to allocate all of the virtual arrays at once. Therefore, there isn't a one-step allocation routine for virtual arrays; instead, there is a "request" routine that simply allocates the control block, and a "realize" routine (called just once) that determines space allocation and creates all of the actual buffers. The realize routine must allow for space occupied by non-virtual large objects. (We don't bother to factor in the space needed for small objects, on the grounds that it isn't worth the trouble.)

To support all this, we establish the following protocol for doing business with the memory manager:

1. Modules must request virtual arrays (which may have only image lifespan) during the initial setup phase, i.e., in their jinit_xxx routines.
2. All "large" objects (including JSAMPARRAYs and JBLOCKARRAYs) must also be allocated during initial setup.
3. realize_virt_arrays will be called at the completion of initial setup.

The above conventions ensure that sufficient information is available for it to choose a good size for virtual array buffers.

Small objects of any lifespan may be allocated at any time. We expect that the total space used for small objects will be small enough to be negligible in the realize_virt_arrays computation.

In a virtual-memory machine, we simply pretend that the available space is infinite, thus causing realize_virt_arrays to decide that it can allocate all the virtual arrays as full-size in-memory buffers. The overhead of the virtual-array access protocol is very small when no swapping occurs.

A virtual array can be specified to be "pre-zeroed"; when this flag is set, never-yet-written sections of the array are set to zero before being made available to the caller. If this flag is not set, never-written sections of the array contain garbage. (This feature exists primarily because the equivalent logic would otherwise be needed in jdcoefct.c for progressive JPEG mode; we may as well make it available for possible other uses.)

The first write pass on a virtual array is required to occur in top-to-bottom order; read passes, as well as any write passes after the first one, may access the array in any order. This restriction exists partly to simplify the virtual array control logic, and partly because some file systems may not support seeking beyond the current end-of-file in a temporary file. The main implication of this restriction is that rearrangement of rows (such as
converting top-to-bottom data order to bottom-to-top) must be handled while reading data out of the virtual array, not while putting it in.

*** Memory manager internal structure ***

To isolate system dependencies as much as possible, we have broken the memory manager into two parts. There is a reasonably system-independent "front end" (jmemmgr.c) and a "back end" that contains only the code likely to change across systems. All of the memory management methods outlined above are implemented by the front end. The back end provides the following routines for use by the front end (none of these routines are known to the rest of the JPEG code):

- jpeg_mem_init, jpeg_mem_term: system-dependent initialization/shutdown
- jpeg_get_small, jpeg_free_small: interface to malloc and free library routines (or their equivalents)
- jpeg_get_large, jpeg_free_large: interface to FAR malloc/free in MSDOS machines; else usually the same as jpeg_get_small/jpeg_free_small
- jpeg_mem_available: estimate available memory
- jpeg_open_backing_store: create a backing-store object
- read_backing_store, manipulate a backing-store object
- write_backing_store,
- close_backing_store

On some systems there will be more than one type of backing-store object (specifically, in MS-DOS a backing store file might be an area of extended memory as well as a disk file). jpeg_open_backing_store is responsible for choosing how to implement a given object. The read/write/close routines are method pointers in the structure that describes a given object; this lets them be different for different object types.

It may be necessary to ensure that backing store objects are explicitly released upon abnormal program termination. For example, MS-DOS won't free extended memory by itself. To support this, we will expect the main program or surrounding application to arrange to call self_destruct (typically via jpeg_destroy) upon abnormal termination. This may require a SIGINT signal handler or equivalent. We don't want to have the back end module install its own signal handler, because that would pre-empt the surrounding application's ability to control signal handling.

The IJG distribution includes several memory manager back end implementations.
Usually the same back end should be suitable for all applications on a given system, but it is possible for an application to supply its own back end at need.

*** Implications of DNL marker ***

Some JPEG files may use a DNL marker to postpone definition of the image height (this would be useful for a fax-like scanner's output, for instance). In these files the SOF marker claims the image height is 0, and you only find out the true image height at the end of the first scan.

We could read these files as follows:
1. Upon seeing zero image height, replace it by 65535 (the maximum allowed).
2. When the DNL is found, update the image height in the global image descriptor.
This implies that control modules must avoid making copies of the image height, and must re-test for termination after each MCU row. This would be easy enough to do.

In cases where image-size data structures are allocated, this approach will result in very inefficient use of virtual memory or much-larger-than-necessary temporary files. This seems acceptable for something that probably won't be a mainstream usage. People might have to forgo use of memory-hogging options (such as two-pass color quantization or noninterleaved JPEG files) if they want efficient conversion of such files. (One could improve efficiency by demanding a user-supplied upper bound for the height, less than 65536; in most cases it could be much less.)

The standard also permits the SOF marker to overestimate the image height, with a DNL to give the true, smaller height at the end of the first scan. This would solve the space problems if the overestimate wasn't too great. However, it implies that you don't even know whether DNL will be used.

This leads to a couple of very serious objections:
1. Testing for a DNL marker must occur in the inner loop of the decompressor's Huffman decoder; this implies a speed penalty whether the feature is used or not.
2. There is no way to hide the last-minute change in image height from an application using the decoder. Thus *every* application using the IJG library would suffer a complexity penalty whether it cared about DNL or not.

We currently do not support DNL because of these problems.

A different approach is to insist that DNL-using files be preprocessed by a separate program that reads ahead to the DNL, then goes back and fixes the SOF marker. This is a much simpler solution and is probably far more efficient. Even if one wants piped input, buffering the first scan of the JPEG file needs
a lot smaller temp file than is implied by the maximum-height method. For
this approach we'd simply treat DNL as a no-op in the decompressor (at most,
check that it matches the SOF image height).

We will not worry about making the compressor capable of outputting DNL.
Something similar to the first scheme above could be applied if anyone ever
wants to make that work.

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/structure.txt
No license file was found, but licenses were detected in source scan.

/ *
* rdtarga.c *
 *
* Copyright (C) 1991-1996, Thomas G. Lane. *
* This file is part of the Independent JPEG Group's software. *
* For conditions of distribution and use, see the accompanying README file. *
* *
* This file contains routines to read input images in Targa format. *
* *
* These routines may need modification for non-Unix environments or *
* specialized applications. As they stand, they assume input from *
* an ordinary stdio stream. They further assume that reading begins *
* at the start of the file; start_input may need work if the *
* user interface has already read some data (e.g., to determine that *
* the image is indeed Targa format). *
* *
* Based on code contributed by Lee Daniel Crocker. *
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/wrbmp.c
No license file was found, but licenses were detected in source scan.

/ *
* wrbmp.c *
 *
* Copyright (C) 1994-1996, Thomas G. Lane. *
* This file is part of the Independent JPEG Group's software. *
* For conditions of distribution and use, see the accompanying README file. *
* *
* This file contains routines to write output images in Microsoft "BMP" *
* format (MS Windows 3.x and OS/2 1.x flavors). *
* Either 8-bit colormapped or 24-bit full-color format can be written. *
* No compression is supported. *
* *
* These routines may need modification for non-Unix environments or
specialized applications. As they stand, they assume output to
an ordinary stdio stream.

This code contributed by James Arthur Boucher.

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-arg/jpeg-8c/wrbmp.c
No license file was found, but licenses were detected in source scan.

 /**< Copyright (C) 1989, 2000 Aladdin Enterprises. All rights reserved. */
/**< ansi2knr is distributed in the hope that it will be useful, but WITHOUT ANY
WARRANTY. No author or distributor accepts responsibility to anyone for the
consequences of using it or for whether it serves any particular purpose or
works at all, unless he says so in writing. Refer to the GNU General Public
License (the "GPL") for full details.

Everyone is granted permission to copy, modify and redistribute ansi2knr,
but only under the conditions described in the GPL. A copy of this license
is supposed to have been given to you along with ansi2knr so you can know
your rights and responsibilities. It should be in a file named COPYLEFT,
or, if there is no file named COPYLEFT, a file named COPYING. Among other
things, the copyright notice and this notice must be preserved on all
copies.

We explicitly state here what we believe is already implied by the GPL: if
the ansi2knr program is distributed as a separate set of sources and a
separate executable file which are aggregated on a storage medium together
with another program, this in itself does not bring the other program under
the GPL, nor does the mere fact that such a program or the procedures for
constructing it invoke the ansi2knr executable bring any other part of the
program under the GPL.

*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-arg/jpeg-8c/ansi2knr.c
No license file was found, but licenses were detected in source scan.

/*
* jmemsys.h
*
* Copyright (C) 1992-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This include file defines the interface between the system-independent
* and system-dependent portions of the JPEG memory manager. No other
* modules need include it. (The system-independent portion is jmemmgr.c;
* there are several different versions of the system-dependent portion.)
*
* This file works as-is for the system-dependent memory managers supplied
* in the IJG distribution. You may need to modify it if you write a
* custom memory manager. If system-dependent changes are needed in
* this file, the best method is to #ifdef them based on a configuration
* symbol supplied in jconfig.h, as we have done with USE_MSDOS_MEMMGR
* and USE_MAC_MEMMGR.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jmemsys.h
No license file was found, but licenses were detected in source scan.

/*
* rdgif.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains routines to read input images in GIF format.
*
*************************************************************************
* NOTE: to avoid entanglements with Unisys' patent on LZW compression,      *
* the ability to read GIF files has been removed from the IJG distribution. *
* Sorry about that.                                                      *
*************************************************************************
*
* We are required to state that
* "The Graphics Interchange Format(c) is the Copyright property of
* CompuServe Incorporated. GIF(sm) is a Service Mark property of
* CompuServe Incorporated."  
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/rdgif.c
No license file was found, but licenses were detected in source scan.

/*
* jdmaster.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2002-2009 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains master control logic for the JPEG decompressor.
* These routines are concerned with selecting the modules to be executed
* and with determining the number of passes and the work to be done in each
* pass.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdmaster.c
No license file was found, but licenses were detected in source scan.

INSTALLATION INSTRUCTIONS for the Independent JPEG Group's JPEG software

Copyright (C) 1991-2010, Thomas G. Lane, Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file explains how to configure and install the IJG software. We have tried to make this software extremely portable and flexible, so that it can be adapted to almost any environment. The downside of this decision is that the installation process is complicated. We have provided shortcuts to simplify the task on common systems. But in any case, you will need at least a little familiarity with C programming and program build procedures for your system.

If you are only using this software as part of a larger program, the larger program's installation procedure may take care of configuring the IJG code. For example, Ghostscript's installation script will configure the IJG code. You don't need to read this file if you just want to compile Ghostscript.

If you are on a Unix machine, you may not need to read this file at all.
Try doing
./configure
make
make test
If that doesn't complain, do
make install
(better do "make -n install" first to see if the makefile will put the files where you want them). Read further if you run into snags or want to customize the code for your system.

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BEFORE YOU START
================

Before installing the software you must unpack the distributed source code. Since you are reading this file, you have probably already succeeded in this task. However, there is a potential for error if you needed to convert the files to the local standard text file format (for example, if you are on MS-DOS you may have converted LF end-of-line to CR/LF). You must apply such conversion to all the files EXCEPT those whose names begin with "test". The test files contain binary data; if you change them in any way then the self-test will give bad results.

Please check the last section of this file to see if there are hints for the specific machine or compiler you are using.

CONFIGURING THE SOFTWARE
============================

To configure the IJG code for your system, you need to create two files:
* jconfig.h: contains values for system-dependent #define symbols.
* Makefile: controls the compilation process.
(On a non-Unix machine, you may create "project files" or some other substitute for a Makefile. jconfig.h is needed in any environment.)

We provide three different ways to generate these files:
* On a Unix system, you can just run the "configure" script.
* We provide sample jconfig files and makefiles for popular machines;
  if your machine matches one of the samples, just copy the right sample files to jconfig.h and Makefile.
* If all else fails, read the instructions below and make your own files.

Configuring the software using the automatic "configure" script
-----------------------------------------------------------------

If you are on a Unix machine, you can just type
 ./configure
 and let the configure script construct appropriate configuration files.
If you're using "csh" on an old version of System V, you might need to type
sh configure
instead to prevent csh from trying to execute configure itself.
Expect configure to run for a few minutes, particularly on slower machines;
it works by compiling a series of test programs.

Configure was created with GNU Autoconf and it follows the usual conventions
for GNU configure scripts. It makes a few assumptions that you may want to
override. You can do this by providing optional switches to configure:

* Configure will build both static and shared libraries, if possible.
  If you want to build libjpeg only as a static library, say
  ./configure --disable-shared
  If you want to build libjpeg only as a shared library, say
  ./configure --disable-static
  Configure uses GNU libtool to take care of system-dependent shared library
  building methods.

* Configure will use gcc (GNU C compiler) if it's available, otherwise cc.
  To force a particular compiler to be selected, use the CC option, for example
  ./configure CC='cc'
  The same method can be used to include any unusual compiler switches.
  For example, on HP-UX you probably want to say
  ./configure CC='cc -Aa'
  to get HP's compiler to run in ANSI mode.

* The default CFLAGS setting is "-g" for non-gcc compilers, "-g -O2" for gcc.
  You can override this by saying, for example,
  ./configure CFLAGS='-O2'
  if you want to compile without debugging support.

* Configure will set up the makefile so that "make install" will install files
  into /usr/local/bin, /usr/local/man, etc. You can specify an installation
  prefix other than "/usr/local" by giving configure the option "--prefix=PATH".

* If you don't have a lot of swap space, you may need to enable the IJG
  software's internal virtual memory mechanism. To do this, give the option
  "--enable-maxmem=N" where N is the default maxmemory limit in megabytes.
  This is discussed in more detail under "Selecting a memory manager", below.
  You probably don't need to worry about this on reasonably-sized Unix machines,
  unless you plan to process very large images.

Configure has some other features that are useful if you are cross-compiling
or working in a network of multiple machine types; but if you need those
features, you probably already know how to use them.

Configuring the software using one of the supplied jconfig and makefile files
If you have one of these systems, you can just use the provided configuration files:

Makefile jconfig file System and/or compiler

makefile.manx jconfig.manx Amiga, Manx Aztec C
makefile.sas jconfig.sas Amiga, SAS C
makeproj.mac jconfig.mac Apple Macintosh, Metrowerks CodeWarrior
mak*jpeg.st jconfig.st Atari ST/STE/TT, Pure C or Turbo C
makefile.bcc jconfig.bcc MS-DOS or OS/2, Borland C
makefile.dj jconfig.djMS-DOS, DJGPP (Delorie's port of GNU C)
makefile.mc6 jconfig.mc6 MS-DOS, Microsoft C (16-bit only)
makefile.wat jconfig.wat MS-DOS, OS/2, or Windows NT, Watcom C
makefile.vcj jconfig.vcj Windows NT/95, MS Visual C++
mak*.vc6 jconfig.vc Windows NT/95, MS Visual C++ 6
mak*.v10 jconfig.vc Windows NT/95, MS Visual C++ 2010 (v10)
makefile.mms jconfig.mms Digital VMS, with MMS software
makefile.vms jconfig.vms Digital VMS, without MMS software

Copy the proper jconfig file to jconfig.h and the makefile to Makefile (or whatever your system uses as the standard makefile name). For more info see the appropriate system-specific hints section near the end of this file.

Configuring the software by hand

First, generate a jconfig.h file. If you are moderately familiar with C, the comments in jconfig.txt should be enough information to do this; just copy jconfig.txt to jconfig.h and edit it appropriately. Otherwise, you may prefer to use the ckconfig.c program. You will need to compile and execute ckconfig.c by hand --- we hope you know at least enough to do that. ckconfig.c may not compile the first try (in fact, the whole idea is for it to fail if anything is going to). If you get compile errors, fix them by editing ckconfig.c according to the directions given in ckconfig.c. Once you get it to run, it will write a suitable jconfig.h file, and will also print out some advice about which makefile to use.

You may also want to look at the canned jconfig files, if there is one for a system similar to yours.

Second, select a makefile and copy it to Makefile (or whatever your system uses as the standard makefile name). The most generic makefiles we provide are

makefile.ansi: if your C compiler supports function prototypes
makefile.unix: if not.
You have function prototypes if ckconfig.c put "#define HAVE_PROTOTYPES" in jconfig.h. You may want to start from one of the other makefiles if there is one for a system similar to yours.

Look over the selected Makefile and adjust options as needed. In particular you may want to change the CC and CFLAGS definitions. For instance, if you are using GCC, set CC=gcc. If you had to use any compiler switches to get ckconfig.c to work, make sure the same switches are in CFLAGS.

If you are on a system that doesn't use makefiles, you'll need to set up project files (or whatever you do use) to compile all the source files and link them into executable files cjpeg, djpeg, jpegtan, rdjpgcom, and wrjpgcom. See the file lists in any of the makefiles to find out which files go into each program. Note that the provided makefiles all make a "library" file libjpeg first, but you don't have to do that if you don't want to; the file lists identify which source files are actually needed for compression, decompression, or both. As a last resort, you can make a batch script that just compiles everything and links it all together; makefile.vms is an example of this (it's for VMS systems that have no make-like utility).

Here are comments about some specific configuration decisions you'll need to make:

Command line style
--------------------

These programs can use a Unix-like command line style which supports redirection and piping, like this:
cjpeg inputfile >outputfile
cjpeg <inputfile >outputfile
source program | cjpeg >outputfile
The simpler "two file" command line style is just
cjpeg inputfile outputfile
You may prefer the two-file style, particularly if you don't have pipes.

You MUST use two-file style on any system that doesn't cope well with binary data fed through stdin/stdout; this is true for some MS-DOS compilers, for example. If you're not on a Unix system, it's safest to assume you need two-file style. (But if your compiler provides either the Posix-standard fdopen() library routine or a Microsoft-compatible setmode() routine, you can safely use the Unix command line style, by defining USE_FDOOPEN or USE_SETMODE respectively.)

To use the two-file style, make jconfig.h say "#define TWO_FILE_COMMANDLINE".

Selecting a memory manager
--------------------------

...
The IJG code is capable of working on images that are too big to fit in main memory; data is swapped out to temporary files as necessary. However, the code to do this is rather system-dependent. We provide five different memory managers:

* jmemansi.c This version uses the ANSI-standard library routine tmpfile(), which not all non-ANSI systems have. On some systems tmpfile() may put the temporary file in a non-optimal location; if you don't like what it does, use jmemname.c.

* jmemname.c This version creates named temporary files. For anything except a Unix machine, you'll need to configure the select_file_name() routine appropriately; see the comments near the head of jmemname.c. If you use this version, define NEED_SIGNAL_CATCHER in jconfig.h to make sure the temp files are removed if the program is aborted.

* jmemnobs.c (That stands for No Backing Store :-).) This will compile on almost any system, but it assumes you have enough main memory or virtual memory to hold the biggest images you work with.

* jmemdos.c This should be used with most 16-bit MS-DOS compilers. See the system-specific notes about MS-DOS for more info.

IMPORTANT: if you use this, define USE_MSDOS_MEMMGR in jconfig.h, and include the assembly file jmemdosa.asm in the programs. The supplied makefiles and jconfig files for 16-bit MS-DOS compilers already do both.

* jmemmac.c Custom version for Apple Macintosh; see the system-specific notes for Macintosh for more info.

To use a particular memory manager, change the SYSDEPMEM variable in your makefile to equal the corresponding object file name (for example, jmemansi.o or jmemansi.obj for jmemansi.c).

If you have plenty of (real or virtual) main memory, just use jmemnobs.c. "Plenty" means about ten bytes for every pixel in the largest images you plan to process, so a lot of systems don't meet this criterion.

If yours doesn't, try jmemansi.c first. If that doesn't compile, you'll have to use jmemname.c; be sure to adjust select_file_name() for local conditions.

You may also need to change unlink() to remove() in close_backing_store().

Except with jmemnobs.c or jmemmac.c, you need to adjust the DEFAULT_MAX_MEM setting to a reasonable value for your system (either by adding a #define for DEFAULT_MAX_MEM to jconfig.h, or by adding a -D switch to the Makefile).

This value limits the amount of data space the program will attempt to allocate. Code and static data space isn't counted, so the actual memory needs for cjpeg or djpeg are typically 100 to 150Kb more than the max-memory.
setting. Larger max-memory settings reduce the amount of I/O needed to process a large image, but too large a value can result in "insufficient memory" failures. On most Unix machines (and other systems with virtual memory), just set DEFAULT_MAX_MEM to several million and forget it. At the other end of the spectrum, for MS-DOS machines you probably can't go much above 300K to 400K. (On MS-DOS the value refers to conventional memory only. Extended/expanded memory is handled separately by jmemdos.c.)

BUILDING THE SOFTWARE
======================

Now you should be able to compile the software. Just say "make" (or whatever's necessary to start the compilation). Have a cup of coffee.

Here are some things that could go wrong:

If your compiler complains about undefined structures, you should be able to shut it up by putting "#define INCOMPLETE_TYPES_BROKEN" in jconfig.h.

If you have trouble with missing system include files or inclusion of the wrong ones, read jinclude.h. This shouldn't happen if you used configure or ckconfig.c to set up jconfig.h.

There are a fair number of routines that do not use all of their parameters; some compilers will issue warnings about this, which you can ignore. There are also a few configuration checks that may give "unreachable code" warnings. Any other warning deserves investigation.

If you don't have a getenv() library routine, define NO_GETENV.

Also see the system-specific hints, below.

TESTING THE SOFTWARE
=====================

As a quick test of functionality we've included a small sample image in several forms:
testorig.jpg Starting point for the djpeg tests.
testimg.ppm The output of djpeg testorig.jpg
testimg.bmp The output of djpeg -bmp -colors 256 testorig.jpg
testimg.jpg The output of cjpeg testimg.ppm
testprog.jpg Progressive-mode equivalent of testorig.jpg.
testimgp.jpg The output of cjpeg -progressive -optimize testimg.ppm
(The first- and second-generation .jpg files aren't identical since JPEG is lossy.) If you can generate duplicates of the testimg* files then you probably have working programs.
With most of the makefiles, "make test" will perform the necessary comparisons.

If you're using a makefile that doesn't provide the test option, run djpeg and cjpeg by hand and compare the output files to testing* with whatever binary file comparison tool you have. The files should be bit-for-bit identical.

If the programs complain "MAX_ALLOC_CHUNK is wrong, please fix", then you need to reduce MAX_ALLOC_CHUNK to a value that fits in type size_t. Try adding "#define MAX_ALLOC_CHUNK 65520L" to jconfig.h. A less likely configuration error is "ALIGN_TYPE is wrong, please fix": defining ALIGN_TYPE as long should take care of that one.

If the cjpeg test run fails with "Missing Huffman code table entry", it's a good bet that you needed to define RIGHT_SHIFT_IS_UNSIGNED. Go back to the configuration step and run ckconfig.c. (This is a good plan for any other test failure, too.)

If you are using Unix (one-file) command line style on a non-Unix system, it's a good idea to check that binary I/O through stdin/stdout actually works. You should get the same results from "djpeg <testorig.jpg >out.ppm" as from "djpeg -outfile out.ppm testorig.jpg". Note that the makefiles all use the latter style and therefore do not exercise stdin/stdout! If this check fails, try recompiling with USE_SETMODE or USE_FDOPEN defined. If it still doesn't work, better use two-file style.

If you chose a memory manager other than jmemnobs.c, you should test that temporary-file usage works. Try "djpeg -bmp -colors 256 -max 0 testorig.jpg" and make sure its output matches testing.bmp. If you have any really large images handy, try compressing them with -optimize and/or decompressing with -colors 256 to make sure your DEFAULT_MAX_MEM setting is not too large.

NOTE: this is far from an exhaustive test of the JPEG software; some modules, such as 1-pass color quantization, are not exercised at all. It's just a quick test to give you some confidence that you haven't missed something major.

INSTALLING THE SOFTWARE

Once you're done with the above steps, you can install the software by copying the executable files (cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom) to wherever you normally install programs. On Unix systems, you'll also want to put the man pages (cjpeg.1, djpeg.1, jpegtran.1, rdjpgcom.1, wrjpgcom.1) in the man-page directory. The pre-fab makefiles don't support this step.
since there's such a wide variety of installation procedures on different systems.

If you generated a Makefile with the "configure" script, you can just say make install
to install the programs and their man pages into the standard places.
(You'll probably need to be root to do this.) We recommend first saying make -n install
to see where configure thought the files should go. You may need to edit the Makefile, particularly if your system's conventions for man page filenames don't match what configure expects.

If you want to install the IJG library itself, for use in compiling other programs besides ours, then you need to put the four include files
jpeglib.h jerror.h jconfig.h jmorecfg.h
into your include-file directory, and put the library file libjpeg.a
(extension may vary depending on system) wherever library files go.
If you generated a Makefile with "configure", it will do what it thinks is the right thing if you say make install-lib

OPTIONAL STUFF
==============

Progress monitor:

If you like, you can #define PROGRESS_REPORT (in jconfig.h) to enable display of percent-done progress reports. The routine provided in cdjpeg.c merely prints percentages to stderr, but you can customize it to do something fancier.

Utah RLE file format support:

We distribute the software with support for RLE image files (Utah Raster Toolkit format) disabled, because the RLE support won't compile without the Utah library. If you have URT version 3.1 or later, you can enable RLE support as follows:
1. #define RLE_SUPPORTED in jconfig.h.
2. Add a -I option to CFLAGS in the Makefile for the directory containing the URT .h files (typically the "include" subdirectory of the URT distribution).
3. Add -L... -lrle to LDLIBS in the Makefile, where ... specifies the directory containing the URT "librle.a" file (typically the "lib" subdirectory of the URT distribution).

Support for 12-bit-deep pixel data:
The JPEG standard allows either 8-bit or 12-bit data precision. (For color, this means 8 or 12 bits per channel, of course.) If you need to work with deeper than 8-bit data, you can compile the IJG code for 12-bit operation.

To do so:

1. In jmorecfg.h, define BITS_IN_JSAMPLE as 12 rather than 8.
2. In jconfig.h, undefine BMP_SUPPORTED, RLE_SUPPORTED, and TARGA_SUPPORTED, because the code for those formats doesn't handle 12-bit data and won't even compile. (The PPM code does work, as explained below. The GIF code works too; it scales 8-bit GIF data to and from 12-bit depth automatically.)
3. Compile. Don't expect "make test" to pass, since the supplied test files are for 8-bit data.

Currently, 12-bit support does not work on 16-bit-int machines.

Note that a 12-bit version will not read 8-bit JPEG files, nor vice versa; so you'll want to keep around a regular 8-bit compilation as well. (Run-time selection of data depth, to allow a single copy that does both, is possible but would probably slow things down considerably; it's very low on our to-do list.)

The PPM reader (rdppm.c) can read 12-bit data from either text-format or binary-format PPM and PGM files. Binary-format PPM/PGM files which have a maxval greater than 255 are assumed to use 2 bytes per sample, MSB first (big-endian order). As of early 1995, 2-byte binary format is not officially supported by the PBMPLUS library, but it is expected that a future release of PBMPLUS will support it. Note that the PPM reader will read files of any maxval regardless of the BITS_IN_JSAMPLE setting; incoming data is automatically rescaled to either maxval=255 or maxval=4095 as appropriate for the cjpeg bit depth.

The PPM writer (wrppm.c) will normally write 2-byte binary PPM or PGM format, maxval 4095, when compiled with BITS_IN_JSAMPLE=12. Since this format is not yet widely supported, you can disable it by compiling wrppm.c with PPM_NORAWWORD defined; then the data is scaled down to 8 bits to make a standard 1-byte/sample PPM or PGM file. (Yes, this means still another copy of djpeg to keep around. But hopefully you won't need it for very long. Poskanzer's supposed to get that new PBMPLUS release out Real Soon Now.)

Of course, if you are working with 12-bit data, you probably have it stored in some other, nonstandard format. In that case you'll probably want to write your own I/O modules to read and write your format.

Note that a 12-bit version of cjpeg always runs in "-optimize" mode, in order to generate valid Huffman tables. This is necessary because our default Huffman tables only cover 8-bit data.

Removing code:
If you need to make a smaller version of the JPEG software, some optional
functions can be removed at compile time. See the xxx_SUPPORTED #defines in
jconfig.h and jmorecfg.h. If at all possible, we recommend that you leave in
decoder support for all valid JPEG files, to ensure that you can read anyone's
output. Taking out support for image file formats that you don't use is the
most painless way to make the programs smaller. Another possibility is to
remove some of the DCT methods: in particular, the "IFAST" method may not be
enough faster than the others to be worth keeping on your machine. (If you
do remove ISLOW or IFAST, be sure to redefine JDCT_DEFAULT or JDCT_FASTEST
to a supported method, by adding a #define in jconfig.h.)

OPTIMIZATION
============

Unless you own a Cray, you'll probably be interested in making the JPEG
software go as fast as possible. This section covers some machine-dependent
optimizations you may want to try. We suggest that before trying any of
this, you first get the basic installation to pass the self-test step.
Repeat the self-test after any optimization to make sure that you haven't
broken anything.

The integer DCT routines perform a lot of multiplications. These
multiplications must yield 32-bit results, but none of their input values
are more than 16 bits wide. On many machines, notably the 680x0 and 80x86
CPUs, a 16x16=>32 bit multiply instruction is faster than a full 32x32=>32
bit multiply. Unfortunately there is no portable way to specify such a
multiplication in C, but some compilers can generate one when you use the
right combination of casts. See the MULTIPLYxxx macro definitions in
jdct.h. If your compiler makes "int" be 32 bits and "short" be 16 bits,
defining SHORTxSHORT_32 is fairly likely to work. When experimenting with
alternate definitions, be sure to test not only whether the code still works
(use the self-test), but also whether it is actually faster --- on some
compilers, alternate definitions may compute the right answer, yet be slower
than the default. Timing cjpeg on a large PGM (grayscale) input file is the
best way to check this, as the DCT will be the largest fraction of the runtime
in that mode. (Note: some of the distributed compiler-specific jconfig files
already contain #define switches to select appropriate MULTIPLYxxx
definitions.)

If your machine has sufficiently fast floating point hardware, you may find
that the float DCT method is faster than the integer DCT methods, even
after tweaking the integer multiply macros. In that case you may want to
make the float DCT be the default method. (The only objection to this is
that float DCT results may vary slightly across machines.) To do that, add
"#define JDCT_DEFAULT JDCT_FLOAT" to jconfig.h. Even if you don't change
the default, you should redefine JDCT_FASTEST, which is the method selected
by djpeg's -fast switch. Don't forget to update the documentation files (usage.txt and/or cjpeg.1, djpeg.1) to agree with what you've done.

If access to "short" arrays is slow on your machine, it may be a win to define type JCOEF as int rather than short. This will cost a good deal of memory though, particularly in some multi-pass modes, so don't do it unless you have memory to burn and short is REALLY slow.

If your compiler can compile function calls in-line, make sure the INLINE macro in jmorecfg.h is defined as the keyword that marks a function inline-able. Some compilers have a switch that tells the compiler to inline any function it thinks is profitable (e.g., -finline-functions for gcc). Enabling such a switch is likely to make the compiled code bigger but faster.

In general, it's worth trying the maximum optimization level of your compiler, and experimenting with any optional optimizations such as loop unrolling. (Unfortunately, far too many compilers have optimizer bugs ... be prepared to back off if the code fails self-test.) If you do any experimentation along these lines, please report the optimal settings to jpeg-info@uc.ag so we can mention them in future releases. Be sure to specify your machine and compiler version.

HINTS FOR SPECIFIC SYSTEMS
==========================

We welcome reports on changes needed for systems not mentioned here. Submit 'em to jpeg-info@uc.ag. Also, if configure or ckconfig.c is wrong about how to configure the JPEG software for your system, please let us know.

Acorn RISC OS:

(Thanks to Simon Middleton for these hints on compiling with Desktop C.) After renaming the files according to Acorn conventions, take a copy of makefile.ansi, change all occurrences of 'libjpeg.a' to 'libjpeg.o' and change these definitions as indicated:

CFLAGS= -throwback -IC: -Wn
LDLIBS=C:o.Stubs
SYSDEPMEM=jmemansi.o
LN=Link
AR=LibFile -c -o

Also add a new line '.c.o:; $(cc) $< $(cflags) -c -o $@'. Remove the lines '$(RM) libjpeg.o' and '$(AR2) libjpeg.o' and the 'jconfig.h' dependency section.
Copy jconfig.txt to jconfig.h. Edit jconfig.h to define TWO_FILE_COMMANDLINE and CHAR_IS_UNSIGNED.

Run the makefile using !AMU not !Make. If you want to use the 'clean' and 'test' makefile entries then you will have to fiddle with the syntax a bit and rename the test files.

Amiga:

SAS C 6.50 reportedly is too buggy to compile the IJG code properly. A patch to update to 6.51 is available from SAS or AmiNet FTP sites.

The supplied config files are set up to use jmemname.c as the memory manager, with temporary files being created on the device named by "JPEGTMP:"

Atari ST/STE/TT:

Copy the project files makcjpeg.st, makdjpeg.st, maktjpeg.st, and makljpeg.st to cjjpeg.prj, djpeg.prj, jpegtran.prj, and libjpeg.prj respectively. The project files should work as-is with Pure C. For Turbo C, change library filenames "pc..." to "tc..." in each project file. Note that libjpeg.prj selects jmemansi.c as the recommended memory manager. You'll probably want to adjust the DEFAULT_MAX_MEM setting --- you want it to be a couple hundred K less than your normal free memory. Put "#define DEFAULT_MAX_MEM nnnn" into jconfig.h to do this.

To use the 68881/68882 coprocessor for the floating point DCT, add the compiler option "-8" to the project files and replace pcfltlib.lib with pc881lib.lib in cjjpeg.prj and djpeg.prj. Or if you don't have a coprocessor, you may prefer to remove the float DCT code by undefining DCT_FLOAT_SUPPORTED in jmorecfg.h (since without a coprocessor, the float code will be too slow to be useful). In that case, you can delete pcfltlib.lib from the project files.

Note that you must make libjpeg.lib before making cjjpeg.ttp, djpeg.ttp, or jpegtran.ttp. You'll have to perform the self-test by hand.

We haven't bothered to include project files for rdjpgcom and wrjpgcom. Those source files should just be compiled by themselves; they don't depend on the JPEG library. You can use the default.prj project file of the Pure C distribution to make the programs.

There is a bug in some older versions of the Turbo C library which causes the space used by temporary files created with "tmpfile()" not to be freed after an abnormal program exit. If you check your disk afterwards, you will find...
cluster chains that are allocated but not used by a file. This should not happen in cjpeg/djpeg/jpegtran, since we enable a signal catcher to explicitly close temp files before exiting. But if you use the JPEG library with your own code, be sure to supply a signal catcher, or else use a different system-dependent memory manager.

Cray:

Should you be so fortunate as to be running JPEG on a Cray YMP, there is a compiler bug in old versions of Cray's Standard C (prior to 3.1). If you still have an old compiler, you'll need to insert a line reading "#pragma novector" just before the loop

```c
for (i = 1; i <= (int) htbl->bits[l]; i++)
    huffsize[p++] = (char) l;
```

in fix_huff_tbl (in V5beta1, line 204 of jchuff.c and line 176 of jdhuff.c).

[This bug may or may not still occur with the current IJG code, but it's probably a dead issue anyway...]

HP-UX:

If you have HP-UX 7.05 or later with the "software development" C compiler, you should run the compiler in ANSI mode. If using the configure script, say

```bash
./configure CC='cc -Aa'
```

(or -Ae if you prefer). If configuring by hand, use makefile.ansi and add "-Aa" to the CFLAGS line in the makefile.

If you have a pre-7.05 system, or if you are using the non-ANSI C compiler delivered with a minimum HP-UX system, then you must use makefile.unix (and do NOT add -Aa); or just run configure without the CC option.

On HP 9000 series 800 machines, the HP C compiler is buggy in revisions prior to A.08.07. If you get complaints about "not a typedef name", you'll have to use makefile.unix, or run configure without the CC option.

Macintosh, generic comments:

The supplied user-interface files (cjpeg.c, djpeg.c, etc) are set up to provide a Unix-style command line interface. You can use this interface on the Mac by means of the ccommand() library routine provided by Metrowerks CodeWarrior or Think C. This is only appropriate for testing the library, however; to make a user-friendly equivalent of cjpeg/djpeg you'd really want to develop a Mac-style user interface. There isn't a complete example available at the moment, but there are some helpful starting points:

1. Sam Bushell's free "To JPEG" applet provides drag-and-drop conversion to
JPEG under System 7 and later. This only illustrates how to use the compression half of the library, but it does a very nice job of that part. The CodeWarrior source code is available from http://www.pobox.com/~jsam.

2. Jim Brunner prepared a Mac-style user interface for both compression and decompression. Unfortunately, it hasn’t been updated since IJG v4, and the library’s API has changed considerably since then. Still it may be of some help, particularly as a guide to compiling the IJG code under Think C. Jim’s code is available from the Info-Mac archives, at sumex-aim.stanford.edu or mirrors thereof; see file /info-mac/dev/src/jpeg-convert.c.hqx.

jmemmac.c is the recommended memory manager back end for Macintosh. It uses NewPtr/DisposePtr instead of malloc/free, and has a Mac-specific implementation of jpeg_mem_available(). It also creates temporary files that follow Mac conventions. (That part of the code relies on System-7-or-later OS functions. See the comments in jmemmac.c if you need to run it on System 6.) NOTE that USE_MAC_MEMMGR must be defined in jconfig.h to use jmemmac.c.

You can also use jmemnobs.c, if you don’t care about handling images larger than available memory. If you use any memory manager back end other than jmemmac.c, we recommend replacing “malloc” and “free” by “NewPtr” and “DisposePtr”, because Mac C libraries often have peculiar implementations of malloc/free. (For instance, free() may not return the freed space to the Mac Memory Manager. This is undesirable for the IJG code because jmemmgr.c already clumps space requests.)

Macintosh, Metrowerks CodeWarrior:

The Unix-command-line-style interface can be used by defining USE_CCOMMAND. You’ll also need to define TWO_FILE_COMMANDLINE to avoid stdin/stdout. This means that when using the cjpeg/djpeg programs, you’ll have to type the input and output file names in the “Arguments” text-edit box, rather than using the file radio buttons. (Perhaps USE_FDOPEN or USE_SETMODE would eliminate the problem, but I haven’t heard from anyone who’s tried it.)

On 680x0 Macs, Metrowerks defines type “double” as a 10-byte IEEE extended float. jmemmgr.c won’t like this: it wants sizeof(ALIGN_TYPE) to be a power of 2. Add “#define ALIGN_TYPE long” to jconfig.h to eliminate the complaint.

The supplied configuration file jconfig.mac can be used for your jconfig.h; it includes all the recommended symbol definitions. If you have AppleScript installed, you can run the supplied script makeproj.mac to create CodeWarrior project files for the library and the testbed applications, then build the library and applications. (Thanks to Dan Sears and Don Agro for this nifty hack, which saves us from trying to maintain CodeWarrior project files as part of the IJG distribution...)
Macintosh, Think C:

The documentation in Jim Brunner's "JPEG Convert" source code (see above) includes detailed build instructions for Think C; it's probably somewhat out of date for the current release, but may be helpful.

If you want to build the minimal command line version, proceed as follows. You'll have to prepare project files for the programs; we don't include any in the distribution since they are not text files. Use the file lists in any of the supplied makefiles as a guide. Also add the ANSI and Unix C libraries in a separate segment. You may need to divide the JPEG files into more than one segment; we recommend dividing compression and decompression modules. Define USE_CCOMMAND in jconfig.h so that the ccommand() routine is called. You must also define TWO_FILE_COMMANDLINE because stdin/stdout don't handle binary data correctly.

On 680x0 Macs, Think C defines type "double" as a 12-byte IEEE extended float. jmemmgr.c won't like this: it wants sizeof(ALIGN_TYPE) to be a power of 2. Add "#define ALIGN_TYPE long" to jconfig.h to eliminate the complaint.

jconfig.mac should work as a jconfig.h configuration file for Think C, but the makeproj.mac AppleScript script is specific to CodeWarrior. Sorry.

MIPS R3000:

MIPS's cc version 1.31 has a rather nasty optimization bug. Don't use -O if you have that compiler version. (Use "cc -V" to check the version.)

Note that the R3000 chip is found in workstations from DEC and others.

MS-DOS, generic comments for 16-bit compilers:

The IJG code is designed to work well in 80x86 "small" or "medium" memory models (i.e., data pointers are 16 bits unless explicitly declared "far"; code pointers can be either size). You may be able to use small model to compile cjpeg or djpeg by itself, but you will probably have to use medium model for any larger application. This won't make much difference in performance. You *will* take a noticeable performance hit if you use a large-data memory model, and you should avoid "huge" model if at all possible. Be sure that NEED_FAR_POINTERS is defined in jconfig.h if you use a small-data memory model; be sure it is NOT defined if you use a large-data model. (The supplied makefiles and jconfig files for Borland and Microsoft C compile in medium model and define NEED_FAR_POINTERS.)

The DOS-specific memory manager, jmemdos.c, should be used if possible. It needs some assembly-code routines which are in jmemdosa.asm; make sure your makefile assembles that file and includes it in the library. If you
don't have a suitable assembler, you can get pre-assembled object files for
jmemdos.a by FTP from ftp.uu.net:/graphics/jpeg/jdosaoj.zip. (DOS-oriented
distributions of the IJG source code often include these object files.)

When using jmembos.c, jconfig.h must define USE_MSDOS_MEMMGR and must set
MAX_ALLOC_CHUNK to less than 64K (65520L is a typical value). If your
C library's far-heap malloc() can't allocate blocks that large, reduce
MAX_ALLOC_CHUNK to whatever it can handle.

If you can't use jmembos.c for some reason --- for example, because you
don't have an assembler to assemble jmembosa.asm --- you'll have to fall
back to jmembansi.c or jmembname.c. You'll probably still need to set
MAX_ALLOC_CHUNK in jconfig.h, because most DOS C libraries won't malloc()
more than 64K at a time. IMPORTANT: if you use jmembansi.c or jmembname.c,
you will have to compile in a large-data memory model in order to get the
right stdio library. Too bad.

wrjpgcom needs to be compiled in large model, because it malloc()s a 64KB
work area to hold the comment text. If your C library's malloc can't
handle that, reduce MAX_COM_LENGTH as necessary in wrjpgcom.c.

Most MS-DOS compilers treat stdin/stdout as text files, so you must use
two-file command line style. But if your compiler has either fdopen() or
setmode(), you can use one-file style if you like. To do this, define
USE_SETMODE or USE_FDOPEN so that stdin/stdout will be set to binary mode.
(USE_SETMODE seems to work with more DOS compilers than USE_FDOPEN.) You
should test that I/O through stdin/stdout produces the same results as I/O
to explicitly named files... the "make test" procedures in the supplied
makefiles do NOT use stdin/stdout.

MS-DOS, generic comments for 32-bit compilers:

None of the above comments about memory models apply if you are using a
32-bit flat-memory-space environment, such as DJGPP or Watcom C. (And you
should use one if you have it, as performance will be much better than
8086-compatible code!) For flat-memory-space compilers, do NOT define
NEED_FAR_POINTERS, and do NOT use jmembos.c. Use jmemnobs.c if the
environment supplies adequate virtual memory, otherwise use jmembansi.c or
jmembname.c.

You'll still need to be careful about binary I/O through stdin/stdout.
See the last paragraph of the previous section.

MS-DOS, Borland C:

Be sure to convert all the source files to DOS text format (CR/LF newlines).
Although Borland C will often work OK with unmodified Unix (LF newlines) source files, sometimes it will give bogus compile errors. "Illegal character '#'" is the most common such error. (This is true with Borland C 3.1, but perhaps is fixed in newer releases.)

If you want one-file command line style, just undefine TWO_FILE_COMMANDLINE. jconfig.bcc already includes #define USE_SETMODE to make this work. (fdopen does not work correctly.)

MS-DOS, Microsoft C:

makefile.mc6 works with Microsoft C, DOS Visual C++, etc. It should only be used if you want to build a 16-bit (small or medium memory model) program.

If you want one-file command line style, just undefine TWO_FILE_COMMANDLINE. jconfig.mc6 already includes #define USE_SETMODE to make this work. (fdopen does not work correctly.)

Note that this makefile assumes that the working copy of itself is called "makefile". If you want to call it something else, say "makefile.mak", be sure to adjust the dependency line that reads "$(_FILE) : makefile". Otherwise the make will fail because it doesn't know how to create "makefile". Worse, some releases of Microsoft's make utilities give an incorrect error message in this situation.

Old versions of MS C fail with an "out of macro expansion space" error because they can't cope with the macro TRACEMS8 (defined in jerror.h). If this happens to you, the easiest solution is to change TRACEMS8 to expand to nothing. You'll lose the ability to dump out JPEG coefficient tables with djpeg -debug -debug, but at least you can compile.

Original MS C 6.0 is very buggy; it compiles incorrect code unless you turn off optimization entirely (remove -O from CFLAGS). 6.00A is better, but it still generates bad code if you enable loop optimizations (-Ol or -Ox).

MS C 8.0 crashes when compiling jquant1.c with optimization switch /Oo ... which is on by default. To work around this bug, compile that one file with /Oo-.

Microsoft Windows (all versions), generic comments:

Some Windows system include files define typedef boolean as "unsigned char". The IJG code also defines typedef boolean, but we make it "int" by default. This doesn't affect the IJG programs because we don't import those Windows include files. But if you use the JPEG library in your own program, and some of your program's files import one definition of boolean while some import the
other, you can get all sorts of mysterious problems. A good preventive step is to make the IJG library use "unsigned char" for boolean. To do that, add something like this to your jconfig.h file:

```c
/* Define "boolean" as unsigned char, not int, per Windows custom */
#ifndef __RPCNDR_H__ /* don't conflict if rpcndr.h already read */
typedef unsigned char boolean;
#endif
#define HAVE_BOOLEAN /* prevent jmorecfg.h from redefining it */
```
(This is already in jconfig.vc, by the way.)

waveif.h contains the declarations

```c
#define far
#define FAR far
```
Since jmorecfg.h tries to define FAR as empty, you may get a compiler warning if you include both jpeglib.h and windef.h (which windows.h includes). To suppress the warning, you can put "#ifdef FAR"/"#endif" around the line "#define FAR" in jmorecfg.h.
(Something like this is already in jmorecfg.h, by the way.)

When using the library in a Windows application, you will almost certainly want to modify or replace the error handler module jerror.c, since our default error handler does a couple of inappropriate things:
1. it tries to write error and warning messages on stderr;
2. in event of a fatal error, it exits by calling exit().

A simple stopgap solution for problem 1 is to replace the line

```c
fprintf(stderr, "%s\n", buffer);
```
(in output_message in jerror.c) with

```c
MessageBox(ActiveWindow(),buffer,"JPEG Error",MB_OK|MB_ICONERROR);
```
It's highly recommended that you at least do that much, since otherwise error messages will disappear into nowhere. (Beginning with IJG v6b, this code is already present in jerror.c; just define USE_WINDOWS_MESSAGEBOX in jconfig.h to enable it.)

The proper solution for problem 2 is to return control to your calling application after a library error. This can be done with the setjmp/longjmp technique discussed in libjpeg.txt and illustrated in example.c. (NOTE: some older Windows C compilers provide versions of setjmp/longjmp that don't actually work under Windows. You may need to use the Windows system functions Catch and Throw instead.)

The recommended memory manager under Windows is jmemnobs.c; in other words, let Windows do any virtual memory management needed. You should NOT use jmemdos.c nor jmemdos.asm under Windows.

For Windows 3.1, we recommend compiling in medium or large memory model; for newer Windows versions, use a 32-bit flat memory model. (See the MS-DOS sections above for more info about memory models.) In the 16-bit memory
You may also want to modify jdatasrc.c and jdatadst.c to use Windows file operations rather than fread/fwrite. This is only necessary if your C compiler doesn’t provide a competent implementation of C stdio functions.

You might want to tweak the RGB_xxx macros in jmorecfg.h so that the library will accept or deliver color pixels in BGR sample order, not RGB; BGR order is usually more convenient under Windows. Note that this change will break the sample applications cjpeg/djpeg, but the library itself works fine.

Many people want to convert the IJG library into a DLL. This is reasonably straightforward, but watch out for the following:

1. Don’t try to compile as a DLL in small or medium memory model; use large model, or even better, 32-bit flat model. Many places in the IJG code assume the address of a local variable is an ordinary (not FAR) pointer; that isn’t true in a medium-model DLL.

2. Microsoft C cannot pass file pointers between applications and DLLs. (See Microsoft Knowledge Base, PSS ID Number Q50336.) So jdatasrc.c and jdatadst.c don’t work if you open a file in your application and then pass the pointer to the DLL. One workaround is to make jdatasrc.c/jdatadst.c part of your main application rather than part of the DLL.

3. You’ll probably need to modify the macros GLOBAL() and EXTERN() to attach suitable linkage keywords to the exported routine names. Similarly, you’ll want to modify METHODDEF() and JMETHOD() to ensure function pointers are declared in a way that lets application routines be called back through the function pointers. These macros are in jmorecfg.h. Typical definitions for a 16-bit DLL are:

```
#define GLOBAL(type) type _far _pascal _loadds _export
#define EXTERN(type) extern type _far _pascal _loadds
#define METHODDEF(type) static type _far _pascal
#define JMETHOD(type, methodname, arglist)  \  type (_far _pascal *methodname) arglist
```

For a 32-bit DLL you may want something like

```
#define GLOBAL(type) __declspec(dllexport) type
#define EXTERN(type) extern __declspec(dllexport) type
```
Although not all the GLOBAL routines are actually intended to be called by
the application, the performance cost of making them all DLL entry points is
negligible.

The unmodified IJG library presents a very C-specific application interface,
so the resulting DLL is only usable from C or C++ applications. There has
been some talk of writing wrapper code that would present a simpler interface
usable from other languages, such as Visual Basic. This is on our to-do list
but hasn't been very high priority --- any volunteers out there?

Microsoft Windows, Borland C:

The provided jconfig.bcc should work OK in a 32-bit Windows environment,
but you'll need to tweak it in a 16-bit environment (you'd need to define
NEED_FAR_POINTERS and MAX_ALLOC_CHUNK). Beware that makefile.bcc will need
alteration if you want to use it for Windows --- in particular, you should
use jmemnobs.c not jmemdos.c under Windows.

Borland C++ 4.5 fails with an internal compiler error when trying to compile
jdmerge.c in 32-bit mode. If enough people complain, perhaps Borland will fix
it. In the meantime, the simplest known workaround is to add a redundant
definition of the variable range_limit in h2v1_merged_upsample(), at the head
of the block that handles odd image width (about line 268 in v6 jdmerge.c):
/* If image width is odd, do the last output column separately */
if (cinfo->output_width & 1) {
    register JSAMPLE * range_limit = cinfo->sample_range_limit; /* ADD THIS */
    cb = GETJSAMPLE(*inptr1);
Pretty bizarre, especially since the very similar routine h2v2_merged_upsample
doesn't trigger the bug.
Recent reports suggest that this bug does not occur with "bcc32a" (the
Pentium-optimized version of the compiler).

Another report from a user of Borland C 4.5 was that incorrect code (leading
to a color shift in processed images) was produced if any of the following
optimization switch combinations were used:
-Ot -Og
-Ot -Op
-Ot -Om
So try backing off on optimization if you see such a problem. (Are there
several different releases all numbered "4.5"??)

Microsoft Windows, Microsoft Visual C++:

jconfig.vc should work OK with any Microsoft compiler for a 32-bit memory
model. makefile.vc is intended for command-line use. (If you are using
the Developer Studio environment, you may prefer the DevStudio project
files; see below.)

IJG JPEG 7 adds extern "C" to jpeglib.h. This avoids the need to put extern "C" { ... } around #include "jpeglib.h" in your C++ application. You can also force VC++ to treat the library as C++ code by renaming all the *.c files to *.cpp (and adjusting the makefile to match). In this case you also need to define the symbol DONT_USE_EXTERN_C in the configuration to prevent jpeglib.h from using extern "C".

Microsoft Windows, Microsoft Visual C++ 6 Developer Studio:

We include makefiles that should work as project files in DevStudio 6.0 or later. There is a library makefile that builds the IJG library as a static Win32 library, and application makefiles that build the sample applications as Win32 console applications. (Even if you only want the library, we recommend building the applications so that you can run the self-test.)

To use:
1. Open the command prompt, change to the main directory and execute the command line
   NMAKE /f makefile.vc setup-vc6
   This will move jconfig.vc to jconfig.h and makefiles to project files. (Note that the renaming is critical!)
2. Open the workspace file jpeg.dsw, build the library project. (If you are using DevStudio more recent than 6.0, you'll probably get a message saying that the project files are being updated.)
3. Open the workspace file apps.dsw, build the application projects.
4. To perform the self-test, execute the command line
   NMAKE /f makefile.vc test-build
5. Move the application .exe files from `app\Release` to an appropriate location on your path.

Microsoft Windows, Microsoft Visual C++ 2010 Developer Studio (v10):

We include makefiles that should work as project files in Visual Studio 2010 or later. There is a library makefile that builds the IJG library as a static Win32 library, and application makefiles that build the sample applications as Win32 console applications. (Even if you only want the library, we recommend building the applications so that you can run the self-test.)

To use:
1. Open the command prompt, change to the main directory and execute the command line
   NMAKE /f makefile.vc setup-v10
   This will move jconfig.vc to jconfig.h and makefiles to project files.
(Note that the renaming is critical!)

2. Open the solution file jpeg.sln, build the library project.
   (If you are using Visual Studio more recent than 2010 (v10), you'll probably get a message saying that the project files are being updated.)
3. Open the solution file apps.sln, build the application projects.
4. To perform the self-test, execute the command line
   NMAKE /f makefile.vc  test-build
5. Move the application .exe files from `app\Release to an appropriate location on your path.

Note:
There seems to be an optimization bug in the compiler which causes the self-test to fail with the color quantization option.
We have disabled optimization for the file jquant2.c in the library project file which causes the self-test to pass properly.

OS/2, Borland C++:

Watch out for optimization bugs in older Borland compilers; you may need to back off the optimization switch settings. See the comments in makefile.bcc.

SGI:

On some SGI systems, you may need to set "AR2= ar -ts" in the Makefile.
If you are using configure, you can do this by saying
./configure RANLIB='ar -ts'
This change is not needed on all SGIs. Use it only if the make fails at the stage of linking the completed programs.

On the MIPS R4000 architecture (Indy, etc.), the compiler option "-mips2" reportedly speeds up the float DCT method substantially, enough to make it faster than the default int method (but still slower than the fast int method). If you use -mips2, you may want to alter the default DCT method to be float. To do this, put "#define JDCT_DEFAULT JDCT_FLOAT" in jconfig.h.

VMS:

On an Alpha/VMS system with MMS, be sure to use the "/Marco=Alpha=1" qualifier with MMS when building the JPEG package.

VAX/VMS v5.5-1 may have problems with the test step of the build procedure reporting differences when it compares the original and test images. If the error points to the last block of the files, it is most likely bogus and may be safely ignored. It seems to be because the files are Stream_LF and
Backup/Compare has difficulty with the (presumably) null padded files.
This problem was not observed on VAX/VMS v6.1 or AXP/VMS v6.1.

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/install.txt
No license file was found, but licenses were detected in source scan.

/*
 * jdcoeft.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * This file contains the coefficient buffer controller for decompression.
 * This controller is the top level of the JPEG decompressor proper.
 * The coefficient buffer lies between entropy decoding and inverse-DCT steps.
 * In buffered-image mode, this controller is the interface between
 * input-oriented processing and output-oriented processing.
 * Also, the input side (only) is used when reading a file for transcoding.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdcoeft.c
No license file was found, but licenses were detected in source scan.

/*
 * jcdctmgr.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * This file contains the forward-DCT management logic.
 * This code selects a particular DCT implementation to be used,
 * and it performs related housekeeping chores including coefficient
 * quantization.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcdctmgr.c
No license file was found, but licenses were detected in source scan.

/*
 * jmemansi.c
 *
 * Copyright (C) 1992-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
 *
* This file provides a simple generic implementation of the system-
* dependent portion of the JPEG memory manager. This implementation
* assumes that you have the ANSI-standard library routine tmpfile().
* Also, the problem of determining the amount of memory available
* is shoved onto the user.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jmemansi.c
No license file was found, but licenses were detected in source scan.

*/
* cdjpeg.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
 *
* This file contains common support routines used by the IJG application
* programs (cjpeg, djpeg, jpegtran).
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/cdjpeg.c
No license file was found, but licenses were detected in source scan.

*/
* jchuff.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
 *
* This file contains Huffman entropy encoding routines.
* Both sequential and progressive modes are supported in this single module.
 *
* Much of the complexity here has to do with supporting output suspension.
* If the data destination module demands suspension, we want to be able to
* back up to the start of the current MCU. To do this, we copy state
* variables into local working storage, and update them back to the
* permanent JPEG objects only upon successful completion of an MCU.
 *
* We do not support output suspension for the progressive JPEG mode, since
* the library currently does not allow multiple-scan files to be written
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* with output suspension.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jchuff.c
No license file was found, but licenses were detected in source scan.

/*/  
* jerror.c
*
* Copyright (C) 1991-1998, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*  
* This file contains simple error-reporting and trace-message routines.
* These are suitable for Unix-like systems and others where writing to
* stderr is the right thing to do. Many applications will want to replace
* some or all of these routines.
*  
* If you define USE_WINDOWS_MESSAGEBOX in jconfig.h or in the makefile,
* you get a Windows-specific hack to display error messages in a dialog box.
* It ain't much, but it beats dropping error messages into the bit bucket,
* which is what happens to output to stderr under most Windows C compilers.
*  
* These routines are used by both the compression and decompression code.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jerror.c
No license file was found, but licenses were detected in source scan.

USING THE IJG JPEG LIBRARY

Copyright (C) 1994-2010, Thomas G. Lane, Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file describes how to use the IJG JPEG library within an application
program. Read it if you want to write a program that uses the library.

The file example.c provides heavily commented skeleton code for calling the
JPEG library. Also see jpeglib.h (the include file to be used by application
programs) for full details about data structures and function parameter lists.
The library source code, of course, is the ultimate reference.

Note that there have been *major* changes from the application interface
presented by IJG version 4 and earlier versions. The old design had several
inherent limitations, and it had accumulated a lot of cruft as we added features while trying to minimize application-interface changes. We have sacrificed backward compatibility in the version 5 rewrite, but we think the improvements justify this.

You should read at least the overview and basic usage sections before trying to program with the library. The sections on advanced features can be read if and when you need them.

OVERVIEW
========

Functions provided by the library

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Overview:
Functions provided by the library
Outline of typical usage
Basic library usage:
Data formats
Compression details
Decompression details
Mechanics of usage: include files, linking, etc
Advanced features:
Compression parameter selection
Decompression parameter selection
Special color spaces
Error handling
Compressed data handling (source and destination managers)
I/O suspension
Progressive JPEG support
Buffered-image mode
Abbreviated datastreams and multiple images
Special markers
Raw (downsampled) image data
Really raw data: DCT coefficients
Progress monitoring
Memory management
Memory usage
Library compile-time options
Portability considerations
Notes for MS-DOS implementors
The IJG JPEG library provides C code to read and write JPEG-compressed image files. The surrounding application program receives or supplies image data a scanline at a time, using a straightforward uncompressed image format. All details of color conversion and other preprocessing/postprocessing can be handled by the library.

The library includes a substantial amount of code that is not covered by the JPEG standard but is necessary for typical applications of JPEG. These functions preprocess the image before JPEG compression or postprocess it after decompression. They include colorspace conversion, downsampling/upsampling, and color quantization. The application indirectly selects use of this code by specifying the format in which it wishes to supply or receive image data. For example, if colormapped output is requested, then the decompression library automatically invokes color quantization.

A wide range of quality vs. speed tradeoffs are possible in JPEG processing, and even more so in decompression postprocessing. The decompression library provides multiple implementations that cover most of the useful tradeoffs, ranging from very-high-quality down to fast-preview operation. On the compression side we have generally not provided low-quality choices, since compression is normally less time-critical. It should be understood that the low-quality modes may not meet the JPEG standard's accuracy requirements; nonetheless, they are useful for viewers.

A word about functions *not* provided by the library. We handle a subset of the ISO JPEG standard; most baseline, extended-sequential, and progressive JPEG processes are supported. (Our subset includes all features now in common use.) Unsupported ISO options include:

* Hierarchical storage
* Lossless JPEG
* DNL marker
* Nonintegral subsampling ratios

We support both 8- and 12-bit data precision, but this is a compile-time choice rather than a run-time choice; hence it is difficult to use both precisions in a single application.

By itself, the library handles only interchange JPEG datastreams --- in particular the widely used JFIF file format. The library can be used by surrounding code to process interchange or abbreviated JPEG datastreams that are embedded in more complex file formats. (For example, this library is used by the free LIBTIFF library to support JPEG compression in TIFF.)

Outline of typical usage
------------------------

The rough outline of a JPEG compression operation is:
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Allocate and initialize a JPEG compression object
Specify the destination for the compressed data (eg, a file)
Set parameters for compression, including image size & colorspace
jpeg_start_compress(...);
while (scan lines remain to be written)
jpeg_write_scanlines(...);
jpeg_finish_compress(...);
Release the JPEG compression object

A JPEG compression object holds parameters and working state for the JPEG library. We make creation/destruction of the object separate from starting or finishing compression of an image; the same object can be re-used for a series of image compression operations. This makes it easy to re-use the same parameter settings for a sequence of images. Re-use of a JPEG object also has important implications for processing abbreviated JPEG datastreams, as discussed later.

The image data to be compressed is supplied to jpeg_write_scanlines() from in-memory buffers. If the application is doing file-to-file compression, reading image data from the source file is the application's responsibility. The library emits compressed data by calling a "data destination manager", which typically will write the data into a file; but the application can provide its own destination manager to do something else.

Similarly, the rough outline of a JPEG decompression operation is:

Allocate and initialize a JPEG decompression object
Specify the source of the compressed data (eg, a file)
Call jpeg_read_header() to obtain image info
Set parameters for decompression
jpeg_start_decompress(...);
while (scan lines remain to be read)
jpeg_read_scanlines(...);
jpeg_finish_decompress(...);
Release the JPEG decompression object

This is comparable to the compression outline except that reading the datastream header is a separate step. This is helpful because information about the image's size, colorspace, etc is available when the application selects decompression parameters. For example, the application can choose an output scaling ratio that will fit the image into the available screen size.

The decompression library obtains compressed data by calling a data source manager, which typically will read the data from a file; but other behaviors can be obtained with a custom source manager. Decompressed data is delivered into in-memory buffers passed to jpeg_read_scanlines().

It is possible to abort an incomplete compression or decompression operation.
by calling jpeg_abort(); or, if you do not need to retain the JPEG object, simply release it by calling jpeg_destroy().

JPEG compression and decompression objects are two separate struct types. However, they share some common fields, and certain routines such as jpeg_destroy() can work on either type of object.

The JPEG library has no static variables: all state is in the compression or decompression object. Therefore it is possible to process multiple compression and decompression operations concurrently, using multiple JPEG objects.

Both compression and decompression can be done in an incremental memory-to-memory fashion, if suitable source/destination managers are used. See the section on "I/O suspension" for more details.

BASIC LIBRARY USAGE

Data formats

Before diving into procedural details, it is helpful to understand the image data format that the JPEG library expects or returns.

The standard input image format is a rectangular array of pixels, with each pixel having the same number of "component" or "sample" values (color channels). You must specify how many components there are and the colorspace interpretation of the components. Most applications will use RGB data (three components per pixel) or grayscale data (one component per pixel).

PLEASE NOTE THAT RGB DATA IS THREE SAMPLES PER PIXEL, GRAYSCALE ONLY ONE. A remarkable number of people manage to miss this, only to find that their programs don't work with grayscale JPEG files.

There is no provision for colormapped input. JPEG files are always full-color or full grayscale (or sometimes another colorspace such as CMYK). You can feed in a colormapped image by expanding it to full-color format. However JPEG often doesn't work very well with source data that has been colormapped, because of dithering noise. This is discussed in more detail in the JPEG FAQ and the other references mentioned in the README file.

Pixels are stored by scanlines, with each scanline running from left to right. The component values for each pixel are adjacent in the row; for example, R,G,B,R,G,B,R,G,B,... for 24-bit RGB color. Each scanline is an array of data type JSAMPLE --- which is typically "unsigned char", unless you've changed jmorecfg.h. (You can also change the RGB pixel layout, say to B,G,R order, by modifying jmorecfg.h. But see the restrictions listed in
that file before doing so.)

A 2-D array of pixels is formed by making a list of pointers to the starts of scanlines; so the scanlines need not be physically adjacent in memory. Even if you process just one scanline at a time, you must make a one-element pointer array to conform to this structure. Pointers to JSAMPLE rows are of type JSAMPROW, and the pointer to the pointer array is of type JSAMPARRAY.

The library accepts or supplies one or more complete scanlines per call. It is not possible to process part of a row at a time. Scanlines are always processed top-to-bottom. You can process an entire image in one call if you have it all in memory, but usually it's simplest to process one scanline at a time.

For best results, source data values should have the precision specified by BITS_IN_JSAMPLE (normally 8 bits). For instance, if you choose to compress data that's only 6 bits/channel, you should left-justify each value in a byte before passing it to the compressor. If you need to compress data that has more than 8 bits/channel, compile with BITS_IN_JSAMPLE = 12. (See "Library compile-time options", later.)

The data format returned by the decompressor is the same in all details, except that colormapped output is supported. (Again, a JPEG file is never colormapped. But you can ask the decompressor to perform on-the-fly color quantization to deliver colormapped output.) If you request colormapped output then the returned data array contains a single JSAMPLE per pixel; its value is an index into a color map. The color map is represented as a 2-D JSAMPARRAY in which each row holds the values of one color component, that is, colormap[i][j] is the value of the i'th color component for pixel value (map index) j. Note that since the colormap indexes are stored in JSAMPLEs, the maximum number of colors is limited by the size of JSAMPLE (ie, at most 256 colors for an 8-bit JPEG library).

Compression details
--------------------

Here we revisit the JPEG compression outline given in the overview.

1. Allocate and initialize a JPEG compression object.

A JPEG compression object is a "struct jpeg_compress_struct". (It also has a bunch of subsidiary structures which are allocated via malloc(), but the application doesn't control those directly.) This struct can be just a local variable in the calling routine, if a single routine is going to execute the whole JPEG compression sequence. Otherwise it can be static or allocated from malloc().
You will also need a structure representing a JPEG error handler. The part of this that the library cares about is a "struct jpeg_error_mgr". If you are providing your own error handler, you'll typically want to embed the jpeg_error_mgr struct in a larger structure; this is discussed later under "Error handling". For now we'll assume you are just using the default error handler. The default error handler will print JPEG error/warning messages on stderr, and it will call exit() if a fatal error occurs.

You must initialize the error handler structure, store a pointer to it into the JPEG object's "err" field, and then call jpeg_create_compress() to initialize the rest of the JPEG object.

Typical code for this step, if you are using the default error handler, is

```c
struct jpeg_compress_struct cinfo;
struct jpeg_error_mgr jerr;
...
cinfo.err = jpeg_std_error(&jerr);
jpeg_create_compress(&cinfo);
```

jpeg_create_compress allocates a small amount of memory, so it could fail if you are out of memory. In that case it will exit via the error handler; that's why the error handler must be initialized first.

2. Specify the destination for the compressed data (e.g., a file).

As previously mentioned, the JPEG library delivers compressed data to a "data destination" module. The library includes one data destination module which knows how to write to a stdio stream. You can use your own destination module if you want to do something else, as discussed later.

If you use the standard destination module, you must open the target stdio stream beforehand. Typical code for this step looks like:

```c
FILE * outfile;
...
if ((outfile = fopen(filename, "wb")) == NULL) {
    fprintf(stderr, "can't open %s\n", filename);
    exit(1);
}
jpeg_stdio_dest(&cinfo, outfile);
```

where the last line invokes the standard destination module.

WARNING: it is critical that the binary compressed data be delivered to the output file unchanged. On non-Unix systems the stdio library may perform
newline translation or otherwise corrupt binary data. To suppress this behavior, you may need to use a "b" option to fopen (as shown above), or use setmode() or another routine to put the stdio stream in binary mode. See cjpege.c and djpege.c for code that has been found to work on many systems.

You can select the data destination after setting other parameters (step 3), if that's more convenient. You may not change the destination between calling jpeg_start_compress() and jpeg_finish_compress().

3. Set parameters for compression, including image size & colorspace.

You must supply information about the source image by setting the following fields in the JPEG object (cinfo structure):

- image_width: Width of image, in pixels
- image_height: Height of image, in pixels
- input_components: Number of color channels (samples per pixel)
- in_color_space: Color space of source image

The image dimensions are, hopefully, obvious. JPEG supports image dimensions of 1 to 64K pixels in either direction. The input color space is typically RGB or grayscale, and input_components is 3 or 1 accordingly. (See "Special color spaces", later, for more info.) The in_color_space field must be assigned one of the J_COLOR_SPACE enum constants, typically JCS_RGB or JCS_GRAYSCALE.

JPEG has a large number of compression parameters that determine how the image is encoded. Most applications don't need or want to know about all these parameters. You can set all the parameters to reasonable defaults by calling jpeg_set_defaults(); then, if there are particular values you want to change, you can do so after that. The "Compression parameter selection" section tells about all the parameters.

You must set in_color_space correctly before calling jpeg_set_defaults(), because the defaults depend on the source image colorspace. However the other three source image parameters need not be valid until you call jpeg_start_compress(). There's no harm in calling jpeg_set_defaults() more than once, if that happens to be convenient.

Typical code for a 24-bit RGB source image is

cinfo.image_width = Width; /* image width and height, in pixels */
cinfo.image_height = Height;
cinfo.input_components = 3; /* # of color components per pixel */
cinfo.in_color_space = JCS_RGB; /* colorspace of input image */

jpeg_set_defaults(&cinfo);
/* Make optional parameter settings here */

4. jpeg_start_compress(...);

After you have established the data destination and set all the necessary source image info and other parameters, call jpeg_start_compress() to begin a compression cycle. This will initialize internal state, allocate working storage, and emit the first few bytes of the JPEG datastream header.

Typical code:

jpeg_start_compress(&cinfo, TRUE);

The "TRUE" parameter ensures that a complete JPEG interchange datastream will be written. This is appropriate in most cases. If you think you might want to use an abbreviated datastream, read the section on abbreviated datastreams, below.

Once you have called jpeg_start_compress(), you may not alter any JPEG parameters or other fields of the JPEG object until you have completed the compression cycle.

5. while (scan lines remain to be written)
   jpeg_write_scanslines(...);

Now write all the required image data by calling jpeg_write_scanslines() one or more times. You can pass one or more scanlines in each call, up to the total image height. In most applications it is convenient to pass just one or a few scanlines at a time. The expected format for the passed data is discussed under "Data formats", above.

Image data should be written in top-to-bottom scanline order. The JPEG spec contains some weasel wording about how top and bottom are application-defined terms (a curious interpretation of the English language...) but if you want your files to be compatible with everyone else's, you WILL use top-to-bottom order. If the source data must be read in bottom-to-top order, you can use the JPEG library's virtual array mechanism to invert the data efficiently. Examples of this can be found in the sample application cjpeg.

The library maintains a count of the number of scanlines written so far in the next_scanline field of the JPEG object. Usually you can just use this variable as the loop counter, so that the loop test looks like "while (cinfo.next_scanline < cinfo.image_height)".

Code for this step depends heavily on the way that you store the source data. example.c shows the following code for the case of a full-size 2-D source
array containing 3-byte RGB pixels:

```c
void samples_row_pointer[1]; /* pointer to a single row */
int row_stride; /* physical row width in buffer */

row_stride = image_width * 3; /* JSAMPLEs per row in image_buffer */

while (cinfo.next_scanline < cinfo.image_height) {
    row_pointer[0] = image_buffer[cinfo.next_scanline * row_stride];
    jpeg_write_scanlines(&cinfo, row_pointer, 1);
}
```

jpeg_write_scanlines() returns the number of scanlines actually written. This will normally be equal to the number passed in, so you can usually ignore the return value. It is different in just two cases:

* If you try to write more scanlines than the declared image height, the additional scanlines are ignored.
* If you use a suspending data destination manager, output buffer overrun will cause the compressor to return before accepting all the passed lines. This feature is discussed under "I/O suspension", below. The normal stdio destination manager will NOT cause this to happen.

In any case, the return value is the same as the change in the value of next_scanline.

6. jpeg_finish_compress(...);

After all the image data has been written, call jpeg_finish_compress() to complete the compression cycle. This step is ESSENTIAL to ensure that the last bufferload of data is written to the data destination.

jpeg_finish_compress() also releases working memory associated with the JPEG object.

Typical code:

```c
jpeg_finish_compress(&cinfo);
```

If using the stdio destination manager, don't forget to close the output stdio stream (if necessary) afterwards.

If you have requested a multi-pass operating mode, such as Huffman code optimization, jpeg_finish_compress() will perform the additional passes using data buffered by the first pass. In this case jpeg_finish_compress() may take quite a while to complete. With the default compression parameters, this will not happen.

It is an error to call jpeg_finish_compress() before writing the necessary total number of scanlines. If you wish to abort compression, call
jpeg_abort() as discussed below.

After completing a compression cycle, you may dispose of the JPEG object as discussed next, or you may use it to compress another image. In that case return to step 2, 3, or 4 as appropriate. If you do not change the destination manager, the new datastream will be written to the same target. If you do not change any JPEG parameters, the new datastream will be written with the same parameters as before. Note that you can change the input image dimensions freely between cycles, but if you change the input colorspace, you should call jpeg_set_defaults() to adjust for the new colorspace; and then you'll need to repeat all of step 3.

7. Release the JPEG compression object.

When you are done with a JPEG compression object, destroy it by calling jpeg_destroy_compress(). This will free all subsidiary memory (regardless of the previous state of the object). Or you can call jpeg_destroy(), which works for either compression or decompression objects --- this may be more convenient if you are sharing code between compression and decompression cases. (Actually, these routines are equivalent except for the declared type of the passed pointer. To avoid gripes from ANSI C compilers, jpeg_destroy() should be passed a j_common_ptr.)

If you allocated the jpeg_compress_struct structure from malloc(), freeing it is your responsibility --- jpeg_destroy() won't. Ditto for the error handler structure.

Typical code:

jpeg_destroy_compress(&cinfo);

8. Aborting.

If you decide to abort a compression cycle before finishing, you can clean up in either of two ways:

* If you don't need the JPEG object any more, just call jpeg_destroy_compress() or jpeg_destroy() to release memory. This is legitimate at any point after calling jpeg_create_compress() --- in fact, it's safe even if jpeg_create_compress() fails.

* If you want to re-use the JPEG object, call jpeg_abort_compress(), or call jpeg_abort() which works on both compression and decompression objects. This will return the object to an idle state, releasing any working memory. jpeg_abort() is allowed at any time after successful object creation.
Note that cleaning up the data destination, if required, is your responsibility; neither of these routines will call term_destination(). (See "Compressed data handling", below, for more about that.)

dest_fill() and dest_close() are the only safe calls to make on a JPEG object that has reported an error by calling error_exit (see "Error handling" for more info). The internal state of such an object is likely to be out of whack. Either of these two routines will return the object to a known state.

Decompression details
---------------------

Here we revisit the JPEG decompression outline given in the overview.

1. Allocate and initialize a JPEG decompression object.

   This is just like initialization for compression, as discussed above, except that the object is a "struct jpeg_decompress_struct" and you call jpeg_create_decompress(). Error handling is exactly the same.

   Typical code:

   ```c
   struct jpeg_decompress_struct cinfo;
   struct jpeg_error_mgr jerr;
   ...
   cinfo.err = jpeg_std_error(&jerr);
   jpeg_create_decompress(&cinfo);
   ...
   ```

   (Both here and in the IJG code, we usually use variable name "cinfo" for both compression and decompression objects.)

2. Specify the source of the compressed data (eg, a file).

   As previously mentioned, the JPEG library reads compressed data from a "data source" module. The library includes one data source module which knows how to read from a stdio stream. You can use your own source module if you want to do something else, as discussed later.

   If you use the standard source module, you must open the source stdio stream beforehand. Typical code for this step looks like:

   ```c
   FILE * infile;
   ...
   if ((infile = fopen(filename, "rb")) == NULL) {
       fprintf(stderr, "can't open %s\n", filename);
       exit(1);
   }
   ```
jpeg_stdio_src(&cinfo, infile);

where the last line invokes the standard source module.

WARNING: it is critical that the binary compressed data be read unchanged. On non-Unix systems the stdio library may perform newline translation or otherwise corrupt binary data. To suppress this behavior, you may need to use a "b" option to fopen (as shown above), or use setmode() or another routine to put the stdio stream in binary mode. See cjpeg.c and djpeg.c for code that has been found to work on many systems.

You may not change the data source between calling jpeg_read_header() and jpeg_finish_decompress(). If you wish to read a series of JPEG images from a single source file, you should repeat the jpeg_read_header() to jpeg_finish_decompress() sequence without reinitializing either the JPEG object or the data source module; this prevents buffered input data from being discarded.

3. Call jpeg_read_header() to obtain image info.

Typical code for this step is just

jpeg_read_header(&cinfo, TRUE);

This will read the source datastream header markers, up to the beginning of the compressed data proper. On return, the image dimensions and other info have been stored in the JPEG object. The application may wish to consult this information before selecting decompression parameters.

More complex code is necessary if
* A suspending data source is used --- in that case jpeg_read_header() may return before it has read all the header data. See "I/O suspension", below. The normal stdio source manager will NOT cause this to happen.
* Abbreviated JPEG files are to be processed --- see the section on abbreviated datastreams. Standard applications that deal only in interchange JPEG files need not be concerned with this case either.

It is permissible to stop at this point if you just wanted to find out the image dimensions and other header info for a JPEG file. In that case, call jpeg_destroy() when you are done with the JPEG object, or call jpeg_abort() to return it to an idle state before selecting a new data source and reading another header.

4. Set parameters for decompression.
jpeg_read_header() sets appropriate default decompression parameters based on the properties of the image (in particular, its colorspace). However, you may well want to alter these defaults before beginning the decompression. For example, the default is to produce full color output from a color file. If you want colormapped output you must ask for it. Other options allow the returned image to be scaled and allow various speed/quality tradeoffs to be selected. "Decompression parameter selection", below, gives details.

If the defaults are appropriate, nothing need be done at this step.

Note that all default values are set by each call to jpeg_read_header(). If you reuse a decompression object, you cannot expect your parameter settings to be preserved across cycles, as you can for compression. You must set desired parameter values each time.

5. jpeg_start_decompress(...);

Once the parameter values are satisfactory, call jpeg_start_decompress() to begin decompression. This will initialize internal state, allocate working memory, and prepare for returning data.

Typical code is just

jpeg_start_decompress(&cinfo);

If you have requested a multi-pass operating mode, such as 2-pass color quantization, jpeg_start_decompress() will do everything needed before data output can begin. In this case jpeg_start_decompress() may take quite a while to complete. With a single-scan (non progressive) JPEG file and default decompression parameters, this will not happen; jpeg_start_decompress() will return quickly.

After this call, the final output image dimensions, including any requested scaling, are available in the JPEG object; so is the selected colormap, if colormapped output has been requested. Useful fields include

output_width image width and height, as scaled
output_height
out_color_components # of color components in out_color_space
output_components # of color components returned per pixel
colormap the selected colormap, if any
actual_number_of_colors number of entries in colormap

output_components is 1 (a colormap index) when quantizing colors; otherwise it equals out_color_components. It is the number of JSAMPLE values that will be emitted per pixel in the output arrays.
Typically you will need to allocate data buffers to hold the incoming image.
You will need output_width * output_components JSAMPLEs per scanline in your
output buffer, and a total of output_height scanlines will be returned.

Note: if you are using the JPEG library's internal memory manager to allocate
data buffers (as djpeg does), then the manager's protocol requires that you
request large buffers *before* calling jpeg_start_decompress(). This is a
little tricky since the output_XXX fields are not normally valid then. You
can make them valid by calling jpeg_calc_output_dimensions() after setting the
relevant parameters (scaling, output color space, and quantization flag).

6. while (scan lines remain to be read)
   jpeg_read_scanlines(...);

Now you can read the decompressed image data by calling jpeg_read_scanlines() one or more times. At each call, you pass in the maximum number of scanlines to be read (ie, the height of your working buffer); jpeg_read_scanlines() will return up to that many lines. The return value is the number of lines actually read. The format of the returned data is discussed under "Data formats", above. Don't forget that grayscale and color JPEGs will return different data formats!

Image data is returned in top-to-bottom scanline order. If you must write out the image in bottom-to-top order, you can use the JPEG library's virtual array mechanism to invert the data efficiently. Examples of this can be found in the sample application djpeg.

The library maintains a count of the number of scanlines returned so far in the output_scanline field of the JPEG object. Usually you can just use this variable as the loop counter, so that the loop test looks like
"while (cinfo.output_scanline < cinfo.output_height)". (Note that the test should NOT be against image_height, unless you never use scaling. The image_height field is the height of the original unscaled image.)
The return value always equals the change in the value of output_scanline.

If you don't use a suspending data source, it is safe to assume that
jpeg_read_scanlines() reads at least one scanline per call, until the bottom of the image has been reached.

If you use a buffer larger than one scanline, it is NOT safe to assume that
jpeg_read_scanlines() fills it. (The current implementation returns only a
few scanlines per call, no matter how large a buffer you pass.) So you must
always provide a loop that calls jpeg_read_scanlines() repeatedly until the
whole image has been read.

7. jpeg_finish_decompress(...);
After all the image data has been read, call jpeg_finish_decompress() to complete the decompression cycle. This causes working memory associated with the JPEG object to be released.

Typical code:

```c
jpeg_finish_decompress(&cinfo);
```

If using the stdio source manager, don't forget to close the source stdio stream if necessary.

It is an error to call jpeg_finish_decompress() before reading the correct total number of scanlines. If you wish to abort decompression, call jpeg_abort() as discussed below.

After completing a decompression cycle, you may dispose of the JPEG object as discussed next, or you may use it to decompress another image. In that case return to step 2 or 3 as appropriate. If you do not change the source manager, the next image will be read from the same source.

8. Release the JPEG decompression object.

When you are done with a JPEG decompression object, destroy it by calling jpeg_destroy_decompress() or jpeg_destroy(). The previous discussion of destroying compression objects applies here too.

Typical code:

```c
jpeg_destroy_decompress(&cinfo);
```


You can abort a decompression cycle by calling jpeg_destroy_decompress() or jpeg_destroy() if you don't need the JPEG object any more, or jpeg_abort_decompress() or jpeg_abort() if you want to reuse the object. The previous discussion of aborting compression cycles applies here too.

Mechanics of usage: include files, linking, etc

Applications using the JPEG library should include the header file jpeglib.h to obtain declarations of data types and routines. Before including jpeglib.h, include system headers that define at least the typedefs FILE and size_t. On ANSI-conforming systems, including <stdio.h> is sufficient; on
older Unix systems, you may need <sys/types.h> to define size_t.

If the application needs to refer to individual JPEG library error codes, also include jerror.h to define those symbols.

jpeglib.h indirectly includes the files jconfig.h and jmorecfg.h. If you are installing the JPEG header files in a system directory, you will want to install all four files: jpeglib.h, jerror.h, jconfig.h, jmorecfg.h.

The most convenient way to include the JPEG code into your executable program is to prepare a library file ("libjpeg.a", or a corresponding name on non-Unix machines) and reference it at your link step. If you use only half of the library (only compression or only decompression), only that much code will be included from the library, unless your linker is hopelessly brain-damaged. The supplied makefiles build libjpeg.a automatically (see install.txt).

While you can build the JPEG library as a shared library if the whim strikes you, we don't really recommend it. The trouble with shared libraries is that at some point you'll probably try to substitute a new version of the library without recompiling the calling applications. That generally doesn't work because the parameter struct declarations usually change with each new version. In other words, the library's API is *not* guaranteed binary compatible across versions; we only try to ensure source-code compatibility. (In hindsight, it might have been smarter to hide the parameter structs from applications and introduce a ton of access functions instead. Too late now, however.)

On some systems your application may need to set up a signal handler to ensure that temporary files are deleted if the program is interrupted. This is most critical if you are on MS-DOS and use the jmemdos.c memory manager back end; it will try to grab extended memory for temp files, and that space will NOT be freed automatically. See cjpeg.c or djpeg.c for an example signal handler.

It may be worth pointing out that the core JPEG library does not actually require the stdio library: only the default source/destination managers and error handler need it. You can use the library in a stdio-less environment if you replace those modules and use jmemnobs.c (or another memory manager of your own devising). More info about the minimum system library requirements may be found in jinclude.h.

ADVANCED FEATURES

Compression parameter selection

This section describes all the optional parameters you can set for JPEG
compression, as well as the "helper" routines provided to assist in this
task. Proper setting of some parameters requires detailed understanding
of the JPEG standard; if you don't know what a parameter is for, it's best
not to mess with it! See REFERENCES in the README file for pointers to
more info about JPEG.

It's a good idea to call jpeg_set_defaults() first, even if you plan to set
all the parameters; that way your code is more likely to work with future JPEG
libraries that have additional parameters. For the same reason, we recommend
you use a helper routine where one is provided, in preference to twiddling
cinfo fields directly.

The helper routines are:

jpeg_set_defaults (j_compress_ptr cinfo)
This routine sets all JPEG parameters to reasonable defaults, using
only the input image's color space (field in_color_space, which must
already be set in cinfo). Many applications will only need to use
this routine and perhaps jpeg_set_quality().

jpeg_set_colorspace (j_compress_ptr cinfo, J_COLOR_SPACE colorspace)
Sets the JPEG file's colorspace (field jpeg_color_space) as specified,
and sets other color-space-dependent parameters appropriately. See
"Special color spaces", below, before using this. A large number of
parameters, including all per-component parameters, are set by this
routine; if you want to twiddle individual parameters you should call
jpeg_set_colorspace() before rather than after.

jpeg_default_colorspace (j_compress_ptr cinfo)
Selects an appropriate JPEG colorspace based on cinfo->in_color_space,
and calls jpeg_set_colorspace(). This is actually a subroutine of
jpeg_set_defaults(). It's broken out in case you want to change
just the colorspace-dependent JPEG parameters.

jpeg_set_quality (j_compress_ptr cinfo, int quality, boolean force_baseline)
Constructs JPEG quantization tables appropriate for the indicated
quality setting. The quality value is expressed on the 0..100 scale
recommended by IJG (cjpeg's "-quality" switch uses this routine).
Note that the exact mapping from quality values to tables may change
in future IJG releases as more is learned about DCT quantization.
If the force_baseline parameter is TRUE, then the quantization table
entries are constrained to the range 1..255 for full JPEG baseline
compatibility. In the current implementation, this only makes a
difference for quality settings below 25, and it effectively prevents
very small/low quality files from being generated. The IJG decoder
is capable of reading the non-baseline files generated at low quality
settings when force_baseline is FALSE, but other decoders may not be.
jpeg_set_linear_quality (j_compress_ptr cinfo, int scale_factor, 
    boolean force_baseline)
Same as jpeg_set_quality() except that the generated tables are the 
sample tables given in the JPEC spec section K.1, multiplied by the 
specified scale factor (which is expressed as a percentage; thus 
scale_factor = 100 reproduces the spec's tables). Note that larger 
scale factors give lower quality. This entry point is useful for 
conforming to the Adobe PostScript DCT conventions, but we do not 
recommend linear scaling as a user-visible quality scale otherwise. 
force_baseline again constrains the computed table entries to 1..255.

int jpeg_quality_scaling (int quality)
Converts a value on the IJG-recommended quality scale to a linear 
scaling percentage. Note that this routine may change or go away 
in future releases --- IJG may choose to adopt a scaling method that 
can't be expressed as a simple scalar multiplier, in which case the 
premise of this routine collapses. Caveat user.

jpeg_default_qtables (j_compress_ptr cinfo, boolean force_baseline)
Set default quantization tables with linear q_scale_factor[] values 
(see below).

jpeg_add_quant_table (j_compress_ptr cinfo, int which_tbl, 
    const unsigned int *basic_table, 
    int scale_factor, boolean force_baseline)
Allows an arbitrary quantization table to be created. which_tbl 
indicates which table slot to fill. basic_table points to an array 
of 64 unsigned ints given in normal array order. These values are 
multiplied by scale_factor/100 and then clamped to the range 1..65535 
(or to 1..255 if force_baseline is TRUE). 
CAUTION: prior to library version 6a, jpeg_add_quant_table expected 
the basic table to be given in JPEG zigzag order. If you need to 
write code that works with either older or newer versions of this 
routine, you must check the library version number. Something like 
"#if JPEG_LIB_VERSION >= 61" is the right test.

jpeg_simple_progression (j_compress_ptr cinfo)
Generates a default scan script for writing a progressive-JPEG file. 
This is the recommended method of creating a progressive file, 
unless you want to make a custom scan sequence. You must ensure that 
the JPEG color space is set correctly before calling this routine.

Compression parameters (cinfo fields) include:

int block_size
Set DCT block size. All N from 1 to 16 are possible.
Default is 8 (baseline format).
Larger values produce higher compression, smaller values produce higher quality. An exact DCT stage is possible with 1 or 2. With the default quality of 75 and default Luminance qtable the DCT+Quantization stage is lossless for value 1. Note that values other than 8 require a SmartScale capable decoder, introduced with IJG JPEG 8. Setting the block_size parameter for compression works with version 8c and later.

**J_DCT_METHOD dct_method**  
Selects the algorithm used for the DCT step. Choices are:  
JDCT_ISLOW: slow but accurate integer algorithm  
JDCT_IFAST: faster, less accurate integer method  
JDCT_FLOAT: floating-point method  
JDCT_DEFAULT: default method (normally JDCT_ISLOW)  
JDCT_FASTEST: fastest method (normally JDCT_IFAST)  
The FLOAT method is very slightly more accurate than the ISLOW method, but may give different results on different machines due to varying roundoff behavior. The integer methods should give the same results on all machines. On machines with sufficiently fast FP hardware, the floating-point method may also be the fastest. The IFAST method is considerably less accurate than the other two; its use is not recommended if high quality is a concern. JDCT_DEFAULT and JDCT_FASTEST are macros configurable by each installation.

**unsigned int scale_num, scale_denom**  
Scale the image by the fraction scale_num/scale_denom. Default is 1/1, or no scaling. Currently, the supported scaling ratios are M/N with all N from 1 to 16, where M is the destination DCT size, which is 8 by default (see block_size parameter above). (The library design allows for arbitrary scaling ratios but this is not likely to be implemented any time soon.)

**J_COLOR_SPACE jpeg_color_space**  
int num_components  
The JPEG color space and corresponding number of components; see "Special color spaces", below, for more info. We recommend using jpeg_set_color_space() if you want to change these.

**boolean optimize_coding**  
TRUE causes the compressor to compute optimal Huffman coding tables for the image. This requires an extra pass over the data and therefore costs a good deal of space and time. The default is FALSE, which tells the compressor to use the supplied or default Huffman tables. In most cases optimal tables save only a few percent of file size compared to the default tables. Note that when this is TRUE, you need not supply Huffman tables at all, and any you do supply will be overwritten.
unsigned int restart_interval
int restart_in_rows
To emit restart markers in the JPEG file, set one of these nonzero.
Set restart_interval to specify the exact interval in MCU blocks.
Set restart_in_rows to specify the interval in MCU rows. (If
restart_in_rows is not 0, then restart_interval is set after the
image width in MCUs is computed.) Defaults are zero (no restarts).
One restart marker per MCU row is often a good choice.
NOTE: the overhead of restart markers is higher in grayscale JPEG
files than in color files, and MUCH higher in progressive JPEGs.
If you use restarts, you may want to use larger intervals in those
cases.

const jpeg_scan_info * scan_info
int num_scans
By default, scan_info is NULL; this causes the compressor to write a
single-scan sequential JPEG file. If not NULL, scan_info points to
an array of scan definition records of length num_scans. The
compressor will then write a JPEG file having one scan for each scan
definition record. This is used to generate noninterleaved or
progressive JPEG files. The library checks that the scan array
defines a valid JPEG scan sequence. (jpeg_simple_progression creates
a suitable scan definition array for progressive JPEG.) This is
discussed further under "Progressive JPEG support".

boolean do_fancy_downsampling
If TRUE, use direct DCT scaling with DCT size > 8 for downsampling
of chroma components.
If FALSE, use only DCT size <= 8 and simple separate downsampling.
Default is TRUE.
For better image stability in multiple generation compression cycles
it is preferable that this value matches the corresponding
do_fancy_upsampling value in decompression.

int smoothing_factor
If non-zero, the input image is smoothed; the value should be 1 for
minimal smoothing to 100 for maximum smoothing. Consult jcsample.c
for details of the smoothing algorithm. The default is zero.

boolean write_JFIF_header
If TRUE, a JFIF APP0 marker is emitted. jpeg_set_defaults() and
jpeg_set_colorspsace() set this TRUE if a JFIF-legal JPEG color space
(ie, YCbCr or grayscale) is selected, otherwise FALSE.

UINT8 JFIF_major_version
UINT8 JFIF_minor_version
The version number to be written into the JFIF marker.
jpeg_set_defaults() initializes the version to 1.01 (major=minor=1). You should set it to 1.02 (major=1, minor=2) if you plan to write any JFIF 1.02 extension markers.

```c
UINT8 density_unit
UINT16 X_density
UINT16 Y_density
```
The resolution information to be written into the JFIF marker; not used otherwise. density_unit may be 0 for unknown, 1 for dots/inch, or 2 for dots/cm. The default values are 0,1,1 indicating square pixels of unknown size.

```c
boolean write_Adobe_marker
```
If TRUE, an Adobe APP14 marker is emitted. jpeg_set_defaults() and jpeg_set_colorspace() set this TRUE if JPEG color space RGB, CMYK, or YCCK is selected, otherwise FALSE. It is generally a bad idea to set both write_JFIF_header and write_Adobe_marker. In fact, you probably shouldn't change the default settings at all --- the default behavior ensures that the JPEG file's color space can be recognized by the decoder.

```c
JQUANT_TBL * quant_tbl_ptrs[NUM_QUANT_TBLS]
```
Pointers to coefficient quantization tables, one per table slot, or NULL if no table is defined for a slot. Usually these should be set via one of the above helper routines; jpeg_add_quant_table() is general enough to define any quantization table. The other routines will set up table slot 0 for luminance quality and table slot 1 for chrominance.

```c
int q_scale_factor[NUM_QUANT_TBLS]
```
Linear quantization scaling factors (percentage, initialized 100) for use with jpeg_default_qtables(). See rdswitch.c and cjpeg.c for an example of usage.

```c
/* Set luminance quality 90. */
cinfo->q_scale_factor[0] = jpeg_quality_scaling(90);
/* Set chrominance quality 70. */
cinfo->q_scale_factor[1] = jpeg_quality_scaling(70);
```

CAUTION: You must also set 1x1 subsampling for efficient separate color quality selection, since the default value used by library
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is 2x2:

cinfo->comp_info[0].v_samp_factor = 1;
cinfo->comp_info[0].h_samp_factor = 1;

JHUFF_TBL * dc_huff_tbl_ptrs[NUM_HUFF_TBLS]
JHUFF_TBL * ac_huff_tbl_ptrs[NUM_HUFF_TBLS]
Pointers to Huffman coding tables, one per table slot, or NULL if
no table is defined for a slot. Slots 0 and 1 are filled with the
JPEG sample tables by jpeg_set_defaults(). If you need to allocate
more table structures, jpeg_alloc_huff_table() may be used.
Note that optimal Huffman tables can be computed for an image
by setting optimize_coding, as discussed above; there's seldom
any need to mess with providing your own Huffman tables.

The actual dimensions of the JPEG image that will be written to the file are
given by the following fields. These are computed from the input image
dimensions and the compression parameters by jpeg_start_compress(). You can
also call jpeg_calc_jpeg_dimensions() to obtain the values that will result
from the current parameter settings. This can be useful if you are trying
to pick a scaling ratio that will get close to a desired target size.

JDIMENSION jpeg_widthActual dimensions of output image.
JDIMENSION jpeg_height

Per-component parameters are stored in the struct cinfo.comp_info[i] for
component number i. Note that components here refer to components of the
JPEG color space, *not* the source image color space. A suitably large
comp_info[] array is allocated by jpeg_set_defaults(); if you choose not
to use that routine, it's up to you to allocate the array.

int component_id
The one-byte identifier code to be recorded in the JPEG file for
this component. For the standard color spaces, we recommend you
leave the default values alone.

int h_samp_factor
int v_samp_factor
Horizontal and vertical sampling factors for the component; must
be 1..4 according to the JPEG standard. Note that larger sampling
factors indicate a higher-resolution component; many people find
this behavior quite unintuitive. The default values are 2,2 for
luminance components and 1,1 for chrominance components, except
for grayscale where 1,1 is used.

int quant_tbl_no
Quantization table number for component. The default value is 0 for luminance components and 1 for chrominance components.

int dc_tbl_no
int ac_tbl_no
DC and AC entropy coding table numbers. The default values are 0 for luminance components and 1 for chrominance components.

int component_index
Must equal the component's index in comp_info[]. (Beginning in release v6, the compressor library will fill this in automatically; you don't have to.)

Decompression parameter selection
---------------------------------
Decompression parameter selection is somewhat simpler than compression parameter selection, since all of the JPEG internal parameters are recorded in the source file and need not be supplied by the application.
(Unless you are working with abbreviated files, in which case see "Abbreviated datastreams", below.) Decompression parameters control the postprocessing done on the image to deliver it in a format suitable for the application's use. Many of the parameters control speed/quality tradeoffs, in which faster decompression may be obtained at the price of a poorer-quality image. The defaults select the highest quality (slowest) processing.

The following fields in the JPEG object are set by jpeg_read_header() and may be useful to the application in choosing decompression parameters:

JDIMENSION image_width Width and height of image
JDIMENSION image_height
int num_components Number of color components
J_COLOR_SPACE jpeg_color_space Colorspace of image
boolean saw_JFIF_marker TRUE if a JFIF APP0 marker was seen
UINT8 JFIF_major_version Version information from JFIF marker
UINT8 JFIF_minor_version
UINT8 density_unit Resolution data from JFIF marker
UINT16 X_density
UINT16 Y_density
boolean saw_Adobe_marker TRUE if an Adobe APP14 marker was seen
UINT8 Adobe_transform Color transform code from Adobe marker

The JPEG color space, unfortunately, is something of a guess since the JPEG standard proper does not provide a way to record it. In practice most files adhere to the JFIF or Adobe conventions, and the decoder will recognize these correctly. See "Special color spaces", below, for more info.
The decompression parameters that determine the basic properties of the returned image are:

**J_COLOR_SPACE out_color_space**
Output color space. jpeg_read_header() sets an appropriate default based on jpeg_color_space; typically it will be RGB or grayscale. The application can change this field to request output in a different colorspace. For example, set it to JCS_GRAYSCALE to get grayscale output from a color file. (This is useful for previewing: grayscale output is faster than full color since the color components need not be processed.) Note that not all possible color space transforms are currently implemented; you may need to extend jdcolor.c if you want an unusual conversion.

**unsigned int scale_num, scale_denom**
Scale the image by the fraction scale_num/scale_denom. Currently, the supported scaling ratios are M/N with all M from 1 to 16, where N is the source DCT size, which is 8 for baseline JPEG. (The library design allows for arbitrary scaling ratios but this is not likely to be implemented any time soon.) The values are initialized by jpeg_read_header() with the source DCT size. For baseline JPEG this is 8/8. If you change only the scale_num value while leaving the other unchanged, then this specifies the DCT scaled size to be applied on the given input. For baseline JPEG this is equivalent to M/8 scaling, since the source DCT size for baseline JPEG is 8. Smaller scaling ratios permit significantly faster decoding since fewer pixels need be processed and a simpler IDCT method can be used.

**boolean quantize_colors**
If set TRUE, colormapped output will be delivered. Default is FALSE, meaning that full-color output will be delivered.

The next three parameters are relevant only if quantize_colors is TRUE.

**int desired_number_of_colors**
Maximum number of colors to use in generating a library-supplied color map (the actual number of colors is returned in a different field). Default 256. Ignored when the application supplies its own color map.

**boolean two_pass_quantize**
If TRUE, an extra pass over the image is made to select a custom color map for the image. This usually looks a lot better than the one-size-fits-all colormap that is used otherwise. Default is TRUE. Ignored when the application supplies its own color map.

**J_DITHER_MODE dither_mode**
Selects color dithering method. Supported values are:
JDITHER_NONE  no dithering: fast, very low quality
JDITHER_ORDERED  ordered dither: moderate speed and quality
JDITHER_FS  Floyd-Steinberg dither: slow, high quality
Default is JDITHER_FS. (At present, ordered dither is implemented only in the single-pass, standard colormap case. If you ask for ordered dither when two_pass_quantize is TRUE or when you supply an external color map, you'll get F-S dithering.)

When quantize_colors is TRUE, the target color map is described by the next two fields. colormap is set to NULL by jpeg_read_header(). The application can supply a color map by setting colormap non-NULL and setting actual_number_of_colors to the map size. Otherwise, jpeg_start_decompress() selects a suitable color map and sets these two fields itself.
[Implementation restriction: at present, an externally supplied colormap is only accepted for 3-component output color spaces.]

JSAMPARRAY colormap
The color map, represented as a 2-D pixel array of out_color_components rows and actual_number_of_colors columns. Ignored if not quantizing.
CAUTION: if the JPEG library creates its own colormap, the storage pointed to by this field is released by jpeg_finish_decompress(). Copy the colormap somewhere else first, if you want to save it.

int actual_number_of_colors
The number of colors in the color map.

Additional decompression parameters that the application may set include:

J_DCT_METHOD dct_method
Selects the algorithm used for the DCT step. Choices are the same as described above for compression.

boolean do_fancy_upsampling
If TRUE, use direct DCT scaling with DCT size > 8 for upsampling of chroma components.
If FALSE, use only DCT size <= 8 and simple separate upsampling. Default is TRUE.
For better image stability in multiple generation compression cycles it is preferable that this value matches the corresponding do_fancy_downsampling value in compression.

boolean do_block_smoothing
If TRUE, interblock smoothing is applied in early stages of decoding progressive JPEG files; if FALSE, not. Default is TRUE. Early progression stages look "fuzzy" with smoothing, "blocky" without. In any case, block smoothing ceases to be applied after the first few AC coefficients are known to full accuracy, so it is relevant only
when using buffered-image mode for progressive images.

boolean enable_1pass_quant
boolean enable_external_quant
boolean enable_2pass_quant
These are significant only in buffered-image mode, which is described in its own section below.

The output image dimensions are given by the following fields. These are computed from the source image dimensions and the decompression parameters by jpeg_start_decompress(). You can also call jpeg_calc_output_dimensions() to obtain the values that will result from the current parameter settings. This can be useful if you are trying to pick a scaling ratio that will get close to a desired target size. It's also important if you are using the JPEG library's memory manager to allocate output buffer space, because you are supposed to request such buffers *before* jpeg_start_decompress().

JDIMENSION output_width
Actual dimensions of output image.
JDIMENSION output_height
int out_color_components
Number of color components in out_color_space.
int output_components
Number of color components returned.
int rec_outbuf_height
Recommended height of scanline buffer.

When quantizing colors, output_components is 1, indicating a single color map index per pixel. Otherwise it equals out_color_components. The output arrays are required to be output_width * output_components JSAMPLEs wide.

rec_outbuf_height is the recommended minimum height (in scanlines) of the buffer passed to jpeg_read_scanlines(). If the buffer is smaller, the library will still work, but time will be wasted due to unnecessary data copying. In high-quality modes, rec_outbuf_height is always 1, but some faster, lower-quality modes set it to larger values (typically 2 to 4). If you are going to ask for a high-speed processing mode, you may as well go to the trouble of honoring rec_outbuf_height so as to avoid data copying. (An output buffer larger than rec_outbuf_height lines is OK, but won't provide any material speed improvement over that height.)

Special color spaces
---------------------

The JPEG standard itself is "color blind" and doesn't specify any particular color space. It is customary to convert color data to a luminance/chrominance color space before compressing, since this permits greater compression. The existing de-facto JPEG file format standards specify YCbCr or grayscale data (JFIF), or grayscale, RGB, YCbCr, CMYK, or YCCK (Adobe). For special applications such as multispectral images, other color spaces can be used,
but it must be understood that such files will be unportable.

The JPEG library can handle the most common colorspace conversions (namely RGB <=> YCbCr and CMYK <=> YCCK). It can also deal with data of an unknown color space, passing it through without conversion. If you deal extensively with an unusual color space, you can easily extend the library to understand additional color spaces and perform appropriate conversions.

For compression, the source data's color space is specified by field in_color_space. This is transformed to the JPEG file's color space given by jpeg_color_space. jpeg_set_defaults() chooses a reasonable JPEG color space depending on in_color_space, but you can override this by calling jpeg_set_colorspace(). Of course you must select a supported transformation. jccolor.c currently supports the following transformations:

- RGB => YCbCr
- RGB => GRAYSCALE
- YCbCr => GRAYSCALE
- CMYK => YCCK
- plus the null transforms: GRAYSCALE => GRAYSCALE, RGB => RGB, YCbCr => YCbCr, CMYK => CMYK, YCCK => YCCK, and UNKNOWN => UNKNOWN.

The de-facto file format standards (JFIF and Adobe) specify APPn markers that indicate the color space of the JPEG file. It is important to ensure that these are written correctly, or omitted if the JPEG file's color space is not one of the ones supported by the de-facto standards. jpeg_set_colorspace() will set the compression parameters to include or omit the APPn markers properly, so long as it is told the truth about the JPEG color space.

For example, if you are writing some random 3-component color space without conversion, don't try to fake out the library by setting in_color_space and jpeg_color_space to JCS_YCbCr; use JCS_UNKNOWN. You may want to write an APPn marker of your own devising to identify the colorspace --- see "Special markers", below.

When told that the color space is UNKNOWN, the library will default to using luminance-quality compression parameters for all color components. You may well want to change these parameters. See the source code for jpeg_set_colorspace(), in jcparam.c, for details.

For decompression, the JPEG file's color space is given in jpeg_color_space, and this is transformed to the output color space out_color_space. jpeg_read_header's setting of jpeg_color_space can be relied on if the file conforms to JFIF or Adobe conventions, but otherwise it is no better than a guess. If you know the JPEG file's color space for certain, you can override jpeg_read_header's guess by setting jpeg_color_space. jpeg_read_header also selects a default output color space based on (its guess of) jpeg_color_space; set out_color_space to override this. Again, you must select a supported transformation. jdcolor.c currently supports

- YCbCr => GRAYSCALE
YCbCr => RGB
GRAYSCALE => RGB
YCCK => CMYK
as well as the null transforms. (Since GRAYSCALE=>RGB is provided, an application can force grayscale JPEGs to look like color JPEGs if it only wants to handle one case.)

The two-pass color quantizer, jquant2.c, is specialized to handle RGB data (it weights distances appropriately for RGB colors). You'll need to modify the code if you want to use it for non-RGB output color spaces. Note that jquant2.c is used to map to an application-supplied colormap as well as for the normal two-pass colormap selection process.

CAUTION: it appears that Adobe Photoshop writes inverted data in CMYK JPEG files: 0 represents 100% ink coverage, rather than 0% ink as you'd expect. This is arguably a bug in Photoshop, but if you need to work with Photoshop CMYK files, you will have to deal with it in your application. We cannot "fix" this in the library by inverting the data during the CMYK<=>YCCK transform, because that would break other applications, notably Ghostscript. Photoshop versions prior to 3.0 write EPS files containing JPEG-encoded CMYK data in the same inverted-YCCK representation used in bare JPEG files, but the surrounding PostScript code performs an inversion using the PS image operator. I am told that Photoshop 3.0 will write uninvorted YCCK in EPS/JPEG files, and will omit the PS-level inversion. (But the data polarity used in bare JPEG files will not change in 3.0.) In either case, the JPEG library must not invert the data itself, or else Ghostscript would read these EPS files incorrectly.

Error handling
--------------

When the default error handler is used, any error detected inside the JPEG routines will cause a message to be printed on stderr, followed by exit(). You can supply your own error handling routines to override this behavior and to control the treatment of nonfatal warnings and trace/debug messages. The file example.c illustrates the most common case, which is to have the application regain control after an error rather than exiting. The JPEG library never writes any message directly; it always goes through the error handling routines. Three classes of messages are recognized:

* Fatal errors: the library cannot continue.
* Warnings: the library can continue, but the data is corrupt, and a damaged output image is likely to result.
* Trace/informational messages. These come with a trace level indicating the importance of the message; you can control the verbosity of the program by adjusting the maximum trace level that will be displayed.
You may, if you wish, simply replace the entire JPEG error handling module (jerror.c) with your own code. However, you can avoid code duplication by only replacing some of the routines depending on the behavior you need. This is accomplished by calling jpeg_std_error() as usual, but then overriding some of the method pointers in the jpeg_error_mgr struct, as illustrated by example.c.

All of the error handling routines will receive a pointer to the JPEG object (a j_common_ptr which points to either a jpeg_compress_struct or a jpeg_decompress_struct; if you need to tell which, test the is_decompressor field). This struct includes a pointer to the error manager struct in its "err" field. Frequently, custom error handler routines will need to access additional data which is not known to the JPEG library or the standard error handler. The most convenient way to do this is to embed either the JPEG object or the jpeg_error_mgr struct in a larger structure that contains additional fields; then casting the passed pointer provides access to the additional fields. Again, see example.c for one way to do it. (Beginning with IJG version 6b, there is also a void pointer "client_data" in each JPEG object, which the application can also use to find related data. The library does not touch client_data at all.)

The individual methods that you might wish to override are:

error_exit (j_common_ptr cinfo)
Receives control for a fatal error. Information sufficient to generate the error message has been stored in cinfo->err; call output_message to display it. Control must NOT return to the caller; generally this routine will exit() or longjmp() somewhere. Typically you would override this routine to get rid of the exit() default behavior. Note that if you continue processing, you should clean up the JPEG object with jpeg_abort() or jpeg_destroy().

output_message (j_common_ptr cinfo)
Actual output of any JPEG message. Override this to send messages somewhere other than stderr. Note that this method does not know how to generate a message, only where to send it.

format_message (j_common_ptr cinfo, char * buffer)
Constructs a readable error message string based on the error info stored in cinfo->err. This method is called by output_message. Few applications should need to override this method. One possible reason for doing so is to implement dynamic switching of error message language.

emit_message (j_common_ptr cinfo, int msg_level)
Decide whether or not to emit a warning or trace message; if so, calls output_message. The main reason for overriding this method would be to abort on warnings. msg_level is -1 for warnings,
Only error_exit() and emit_message() are called from the rest of the JPEG library; the other two are internal to the error handler.

The actual message texts are stored in an array of strings which is pointed to by the field err->jpeg_message_table. The messages are numbered from 0 to err->last_jpeg_message, and it is these code numbers that are used in the JPEG library code. You could replace the message texts (for instance, with messages in French or German) by changing the message table pointer. See jerror.h for the default texts. CAUTION: this table will almost certainly change or grow from one library version to the next.

It may be useful for an application to add its own message texts that are handled by the same mechanism. The error handler supports a second "add-on" message table for this purpose. To define an addon table, set the pointer err->addon_message_table and the message numbers err->first_addon_message and err->last_addon_message. If you number the addon messages beginning at 1000 or so, you won't have to worry about conflicts with the library's built-in messages. See the sample applications cjpeg/djpeg for an example of using addon messages (the addon messages are defined in cderror.h).

Actual invocation of the error handler is done via macros defined in jerror.h: ERREXITn(...) for fatal errors
WARNMSn(...) for corrupt-data warnings
TRACEMSn(...) for trace and informational messages.
These macros store the message code and any additional parameters into the error handler struct, then invoke the error_exit() or emit_message() method. The variants of each macro are for varying numbers of additional parameters. The additional parameters are inserted into the generated message using standard printf() format codes.

See jerror.h and jerror.c for further details.

Compressed data handling (source and destination managers)
----------------------------------------------------------

The JPEG compression library sends its compressed data to a "destination manager" module. The default destination manager just writes the data to a memory buffer or to a stdio stream, but you can provide your own manager to do something else. Similarly, the decompression library calls a "source manager" to obtain the compressed data; you can provide your own source manager if you want the data to come from somewhere other than a memory buffer or a stdio stream.

In both cases, compressed data is processed a bufferload at a time: the destination or source manager provides a work buffer, and the library invokes
the manager only when the buffer is filled or emptied. (You could define a one-character buffer to force the manager to be invoked for each byte, but that would be rather inefficient.) The buffer's size and location are controlled by the manager, not by the library. For example, the memory source manager just makes the buffer pointer and length point to the original data in memory. In this case the buffer-reload procedure will be invoked only if the decompressor ran off the end of the datastream, which would indicate an erroneous datastream.

The work buffer is defined as an array of datatype JOCTET, which is generally "char" or "unsigned char". On a machine where char is not exactly 8 bits wide, you must define JOCTET as a wider data type and then modify the data source and destination modules to transcribe the work arrays into 8-bit units on external storage.

A data destination manager struct contains a pointer and count defining the next byte to write in the work buffer and the remaining free space:

```c
JOCTET * next_output_byte; /* => next byte to write in buffer */
size_t free_in_buffer;      /* # of byte spaces remaining in buffer */
```

The library increments the pointer and decrements the count until the buffer is filled. The manager's empty_output_buffer method must reset the pointer and count. The manager is expected to remember the buffer’s starting address and total size in private fields not visible to the library.

A data destination manager provides three methods:

- **init_destination (j_compress_ptr cinfo)**
  Initialize destination. This is called by jpeg_start_compress() before any data is actually written. It must initialize next_output_byte and free_in_buffer. free_in_buffer must be initialized to a positive value.

- **empty_output_buffer (j_compress_ptr cinfo)**
  This is called whenever the buffer has filled (free_in_buffer reaches zero). In typical applications, it should write out the *entire* buffer (use the saved start address and buffer length; ignore the current state of next_output_byte and free_in_buffer). Then reset the pointer & count to the start of the buffer, and return TRUE indicating that the buffer has been dumped. free_in_buffer must be set to a positive value when TRUE is returned. A FALSE return should only be used when I/O suspension is desired (this operating mode is discussed in the next section).

- **term_destination (j_compress_ptr cinfo)**
  Terminate destination --- called by jpeg_finish_compress() after all data has been written. In most applications, this must flush any
data remaining in the buffer. Use either next_output_byte or free_in_buffer to determine how much data is in the buffer.

term_destination() is NOT called by jpeg_abort() or jpeg_destroy(). If you want the destination manager to be cleaned up during an abort, you must do it yourself.

You will also need code to create a jpeg_destination_mgr struct, fill in its method pointers, and insert a pointer to the struct into the "dest" field of the JPEG compression object. This can be done in-line in your setup code if you like, but it's probably cleaner to provide a separate routine similar to the jpeg_stdio_dest() or jpeg_mem_dest() routines of the supplied destination managers.

Decompression source managers follow a parallel design, but with some additional frammishes. The source manager struct contains a pointer and count defining the next byte to read from the work buffer and the number of bytes remaining:

```c
const JOCTET * next_input_byte; /* => next byte to read from buffer */
size_t bytes_in_buffer;         /* # of bytes remaining in buffer */
```

The library increments the pointer and decrements the count until the buffer is emptied. The manager's fill_input_buffer method must reset the pointer and count. In most applications, the manager must remember the buffer's starting address and total size in private fields not visible to the library.

A data source manager provides five methods:

```c
init_source (j_decompress_ptr cinfo)
Initialize source. This is called by jpeg_read_header() before any data is actually read. Unlike init_destination(), it may leave bytes_in_buffer set to 0 (in which case a fill_input_buffer() call will occur immediately).

fill_input_buffer (j_decompress_ptr cinfo)
This is called whenever bytes_in_buffer has reached zero and more data is wanted. In typical applications, it should read fresh data into the buffer (ignoring the current state of next_input_byte and bytes_in_buffer), reset the pointer & count to the start of the buffer, and return TRUE indicating that the buffer has been reloaded. It is not necessary to fill the buffer entirely, only to obtain at least one more byte. bytes_in_buffer MUST be set to a positive value if TRUE is returned. A FALSE return should only be used when I/O suspension is desired (this mode is discussed in the next section).

skip_input_data (j_decompress_ptr cinfo, long num_bytes)
Skip num_bytes worth of data. The buffer pointer and count should
be advanced over num_bytes input bytes, refilling the buffer as needed. This is used to skip over a potentially large amount of uninteresting data (such as an APPn marker). In some applications it may be possible to optimize away the reading of the skipped data, but it's not clear that being smart is worth much trouble; large skips are uncommon. bytes_in_buffer may be zero on return. A zero or negative skip count should be treated as a no-op.

resync_to_restart (j_decompress_ptr cinfo, int desired)
This routine is called only when the decompressor has failed to find a restart (RSTn) marker where one is expected. Its mission is to find a suitable point for resuming decompression. For most applications, we recommend that you just use the default resync procedure, jpeg_resync_to_restart(). However, if you are able to back up in the input data stream, or if you have a-priori knowledge about the likely location of restart markers, you may be able to do better. Read the read_restart_marker() and jpeg_resync_to_restart() routines in jdmarker.c if you think you'd like to implement your own resync procedure.

term_source (j_decompress_ptr cinfo)
Terminate source --- called by jpeg_finish_decompress() after all data has been read. Often a no-op.

For both fill_input_buffer() and skip_input_data(), there is no such thing as an EOF return. If the end of the file has been reached, the routine has a choice of exiting via ERREXIT() or inserting fake data into the buffer. In most cases, generating a warning message and inserting a fake EOI marker is the best course of action --- this will allow the decompressor to output however much of the image is there. In pathological cases, the decompressor may swallow the EOI and again demand data ... just keep feeding it fake EOIs. jdatasrc.c illustrates the recommended error recovery behavior.

term_source() is NOT called by jpeg_abort() or jpeg_destroy(). If you want the source manager to be cleaned up during an abort, you must do it yourself.

You will also need code to create a jpeg_source_mgr struct, fill in its method pointers, and insert a pointer to the struct into the "src" field of the JPEG decompression object. This can be done in-line in your setup code if you like, but it's probably cleaner to provide a separate routine similar to the jpeg_stdio_src() or jpeg_mem_src() routines of the supplied source managers.

For more information, consult the memory and stdio source and destination managers in jdatasrc.c and jdatadst.c.

I/O suspension
--------------
Some applications need to use the JPEG library as an incremental memory-to-memory filter: when the compressed data buffer is filled or emptied, they want control to return to the outer loop, rather than expecting that the buffer can be emptied or reloaded within the data source/destination manager subroutine. The library supports this need by providing an "I/O suspension" mode, which we describe in this section.

The I/O suspension mode is not a panacea: nothing is guaranteed about the maximum amount of time spent in any one call to the library, so it will not eliminate response-time problems in single-threaded applications. If you need guaranteed response time, we suggest you "bite the bullet" and implement a real multi-tasking capability.

To use I/O suspension, cooperation is needed between the calling application and the data source or destination manager; you will always need a custom source/destination manager. (Please read the previous section if you haven't already.) The basic idea is that the empty_output_buffer() or fill_input_buffer() routine is a no-op, merely returning FALSE to indicate that it has done nothing. Upon seeing this, the JPEG library suspends operation and returns to its caller. The surrounding application is responsible for emptying or refilling the work buffer before calling the JPEG library again.

Compression suspension:

For compression suspension, use an empty_output_buffer() routine that returns FALSE; typically it will not do anything else. This will cause the compressor to return to the caller of jpeg_write_scanlines(), with the return value indicating that not all the supplied scanlines have been accepted. The application must make more room in the output buffer, adjust the output buffer pointer/count appropriately, and then call jpeg_write_scanlines() again, pointing to the first unconsumed scanline.

When forced to suspend, the compressor will backtrack to a convenient stopping point (usually the start of the current MCU); it will regenerate some output data when restarted. Therefore, although empty_output_buffer() is only called when the buffer is filled, you should NOT write out the entire buffer after a suspension. Write only the data up to the current position of next_output_byte/free_in_buffer. The data beyond that point will be regenerated after resumption.

Because of the backtracking behavior, a good-size output buffer is essential for efficiency; you don't want the compressor to suspend often. (In fact, an overly small buffer could lead to infinite looping, if a single MCU required more data than would fit in the buffer.) We recommend a buffer of at least several Kbytes. You may want to insert explicit code to ensure that you don't call jpeg_write_scanlines() unless there is a reasonable amount of space in
the output buffer; in other words, flush the buffer before trying to compress more data.

The compressor does not allow suspension while it is trying to write JPEG markers at the beginning and end of the file. This means that:

* At the beginning of a compression operation, there must be enough free space in the output buffer to hold the header markers (typically 600 or so bytes). The recommended buffer size is bigger than this anyway, so this is not a problem as long as you start with an empty buffer. However, this restriction might catch you if you insert large special markers, such as a JFIF thumbnail image, without flushing the buffer afterwards.

* When you call jpeg_finish_compress(), there must be enough space in the output buffer to emit any buffered data and the final EOI marker. In the current implementation, half a dozen bytes should suffice for this, but for safety's sake we recommend ensuring that at least 100 bytes are free before calling jpeg_finish_compress().

A more significant restriction is that jpeg_finish_compress() cannot suspend. This means you cannot use suspension with multi-pass operating modes, namely Huffman code optimization and multiple-scan output. Those modes write the whole file during jpeg_finish_compress(), which will certainly result in buffer overrun. (Note that this restriction applies only to compression, not decompression. The decompressor supports input suspension in all of its operating modes.)

Decompression suspension:

For decompression suspension, use a fill_input_buffer() routine that simply returns FALSE (except perhaps during error recovery, as discussed below). This will cause the decompressor to return to its caller with an indication that suspension has occurred. This can happen at four places:

* jpeg_read_header(): will return JPEG_SUSPENDED.
* jpeg_start_decompress(): will return FALSE, rather than its usual TRUE.
* jpeg_read_scanlines(): will return the number of scanlines already completed (possibly 0).
* jpeg_finish_decompress(): will return FALSE, rather than its usual TRUE. The surrounding application must recognize these cases, load more data into the input buffer, and repeat the call. In the case of jpeg_read_scanlines(), increment the passed pointers past any scanlines successfully read.

Just as with compression, the decompressor will typically backtrack to a convenient restart point before suspending. When fill_input_buffer() is called, next_input_byte/bytes_in_buffer point to the current restart point, which is where the decompressor will backtrack to if FALSE is returned. The data beyond that position must NOT be discarded if you suspend; it needs to be re-read upon resumption. In most implementations, you'll need to shift this data down to the start of your work buffer and then load more data after it. Again, this behavior means that a several-Kbyte work buffer is essential.
for decent performance; furthermore, you should load a reasonable amount of new data before resuming decompression. (If you loaded, say, only one new byte each time around, you could waste a LOT of cycles.)

The skip_input_data() source manager routine requires special care in a suspension scenario. This routine is NOT granted the ability to suspend the decompressor; it can decrement bytes_in_buffer to zero, but no more. If the requested skip distance exceeds the amount of data currently in the input buffer, then skip_input_data() must set bytes_in_buffer to zero and record the additional skip distance somewhere else. The decompressor will immediately call fill_input_buffer(), which should return FALSE, which will cause a suspension return. The surrounding application must then arrange to discard the recorded number of bytes before it resumes loading the input buffer. (Yes, this design is rather baroque, but it avoids complexity in the far more common case where a non-suspending source manager is used.)

If the input data has been exhausted, we recommend that you emit a warning and insert dummy EOI markers just as a non-suspending data source manager would do. This can be handled either in the surrounding application logic or within fill_input_buffer(); the latter is probably more efficient. If fill_input_buffer() knows that no more data is available, it can set the pointer/count to point to a dummy EOI marker and then return TRUE just as though it had read more data in a non-suspending situation.

The decompressor does not attempt to suspend within standard JPEG markers; instead it will backtrack to the start of the marker and reprocess the whole marker next time. Hence the input buffer must be large enough to hold the longest standard marker in the file. Standard JPEG markers should normally not exceed a few hundred bytes each (DHT tables are typically the longest). We recommend at least a 2K buffer for performance reasons, which is much larger than any correct marker is likely to be. For robustness against damaged marker length counts, you may wish to insert a test in your application for the case that the input buffer is completely full and yet the decoder has suspended without consuming any data --- otherwise, if this situation did occur, it would lead to an endless loop. (The library can't provide this test since it has no idea whether "the buffer is full", or even whether there is a fixed-size input buffer.)

The input buffer would need to be 64K to allow for arbitrary COM or APPn markers, but these are handled specially: they are either saved into allocated memory, or skipped over by calling skip_input_data(). In the former case, suspension is handled correctly, and in the latter case, the problem of buffer overrun is placed on skip_input_data's shoulders, as explained above. Note that if you provide your own marker handling routine for large markers, you should consider how to deal with buffer overflow.

Multiple-buffer management:
In some applications it is desirable to store the compressed data in a linked list of buffer areas, so as to avoid data copying. This can be handled by having empty_output_buffer() or fill_input_buffer() set the pointer and count to reference the next available buffer; FALSE is returned only if no more buffers are available. Although seemingly straightforward, there is a pitfall in this approach: the backtrack that occurs when FALSE is returned could back up into an earlier buffer. For example, when fill_input_buffer() is called, the current pointer & count indicate the backtrack restart point. Since fill_input_buffer() will set the pointer and count to refer to a new buffer, the restart position must be saved somewhere else. Suppose a second call to fill_input_buffer() occurs in the same library call, and no additional input data is available, so fill_input_buffer must return FALSE. If the JPEG library has not moved the pointer/count forward in the current buffer, then the correct restart point is the saved position in the prior buffer*. Prior buffers may be discarded only after the library establishes a restart point within a later buffer. Similar remarks apply for output into a chain of buffers.

The library will never attempt to backtrack over a skip_input_data() call, so any skipped data can be permanently discarded. You still have to deal with the case of skipping not-yet-received data, however.

It's much simpler to use only a single buffer; when fill_input_buffer() is called, move any unconsumed data (beyond the current pointer/count) down to the beginning of this buffer and then load new data into the remaining buffer space. This approach requires a little more data copying but is far easier to get right.

Progressive JPEG support

------------------------

Progressive JPEG rearranges the stored data into a series of scans of increasing quality. In situations where a JPEG file is transmitted across a slow communications link, a decoder can generate a low-quality image very quickly from the first scan, then gradually improve the displayed quality as more scans are received. The final image after all scans are complete is identical to that of a regular (sequential) JPEG file of the same quality setting. Progressive JPEG files are often slightly smaller than equivalent sequential JPEG files, but the possibility of incremental display is the main reason for using progressive JPEG.

The IJG encoder library generates progressive JPEG files when given a suitable "scan script" defining how to divide the data into scans. Creation of progressive JPEG files is otherwise transparent to the encoder. Progressive JPEG files can also be read transparently by the decoder library. If the decoding application simply uses the library as defined above, it will receive a final decoded image without any indication that the file was
progressive. Of course, this approach does not allow incremental display. To perform incremental display, an application needs to use the decoder library's "buffered-image" mode, in which it receives a decoded image multiple times.

Each displayed scan requires about as much work to decode as a full JPEG image of the same size, so the decoder must be fairly fast in relation to the data transmission rate in order to make incremental display useful. However, it is possible to skip displaying the image and simply add the incoming bits to the decoder's coefficient buffer. This is fast because only Huffman decoding need be done, not IDCT, upsampling, colorspace conversion, etc. The IJG decoder library allows the application to switch dynamically between displaying the image and simply absorbing the incoming bits. A properly coded application can automatically adapt the number of display passes to suit the time available as the image is received. Also, a final higher-quality display cycle can be performed from the buffered data after the end of the file is reached.

Progressive compression:

To create a progressive JPEG file (or a multiple-scan sequential JPEG file), set the scan_info cinfo field to point to an array of scan descriptors, and perform compression as usual. Instead of constructing your own scan list, you can call the jpeg_simple_progression() helper routine to create a recommended progression sequence; this method should be used by all applications that don't want to get involved in the nitty-gritty of progressive scan sequence design. (If you want to provide user control of scan sequences, you may wish to borrow the scan script reading code found in rdswitch.c, so that you can read scan script files just like cjpeg's.) When scan_info is not NULL, the compression library will store DCT'd data into a buffer array as jpeg_write_scanlines() is called, and will emit all the requested scans during jpeg_finish_compress(). This implies that multiple-scan output cannot be created with a suspending data destination manager, since jpeg_finish_compress() does not support suspension. We should also note that the compressor currently forces Huffman optimization mode when creating a progressive JPEG file, because the default Huffman tables are unsuitable for progressive files.

Progressive decompression:

When buffered-image mode is not used, the decoder library will read all of a multi-scan file during jpeg_start_decompress(), so that it can provide a final decoded image. (Here "multi-scan" means either progressive or multi-scan sequential.) This makes multi-scan files transparent to the decoding application. However, existing applications that used suspending input with version 5 of the IJG library will need to be modified to check for a suspension return from jpeg_start_decompress().
To perform incremental display, an application must use the library's buffered-image mode. This is described in the next section.

Buffered-image mode
---------------------

In buffered-image mode, the library stores the partially decoded image in a coefficient buffer, from which it can be read out as many times as desired. This mode is typically used for incremental display of progressive JPEG files, but it can be used with any JPEG file. Each scan of a progressive JPEG file adds more data (more detail) to the buffered image. The application can display in lockstep with the source file (one display pass per input scan), or it can allow input processing to outrun display processing. By making input and display processing run independently, it is possible for the application to adapt progressive display to a wide range of data transmission rates.

The basic control flow for buffered-image decoding is

```c
jpeg_create_decompress()
set data source
jpeg_read_header()
set overall decompression parameters
cinfo.buffered_image = TRUE; /* select buffered-image mode */
jpeg_start_decompress()
for (each output pass) {
    adjust output decompression parameters if required
    jpeg_start_output(); /* start a new output pass */
    for (all scanlines in image) {
        jpeg_read_scanlines()
        display scanlines
    }
    jpeg_finish_output(); /* terminate output pass */
}
jpeg_finish_decompress()
jpeg_destroy_decompress()
```

This differs from ordinary unbuffered decoding in that there is an additional level of looping. The application can choose how many output passes to make and how to display each pass.

The simplest approach to displaying progressive images is to do one display pass for each scan appearing in the input file. In this case the outer loop condition is typically

```c
while (!jpeg_input_complete(&cinfo))
```

and the start-output call should read

```c
jpeg_start_output(&cinfo, cinfo.input_scan_number);
```
The second parameter to jpeg_start_output() indicates which scan of the input file is to be displayed; the scans are numbered starting at 1 for this purpose. (You can use a loop counter starting at 1 if you like, but using the library's input scan counter is easier.) The library automatically reads data as necessary to complete each requested scan, and jpeg_finish_output() advances to the next scan or end-of-image marker (hence input_scan_number will be incremented by the time control arrives back at jpeg_start_output()). With this technique, data is read from the input file only as needed, and input and output processing run in lockstep.

After reading the final scan and reaching the end of the input file, the buffered image remains available; it can be read additional times by repeating the jpeg_start_output()/jpeg_read_scanlines()/jpeg_finish_output() sequence. For example, a useful technique is to use fast one-pass color quantization for display passes made while the image is arriving, followed by a final display pass using two-pass quantization for highest quality. This is done by changing the library parameters before the final output pass. Changing parameters between passes is discussed in detail below.

In general the last scan of a progressive file cannot be recognized as such until after it is read, so a post-input display pass is the best approach if you want special processing in the final pass.

When done with the image, be sure to call jpeg_finish_decompress() to release the buffered image (or just use jpeg_destroy_decompress()).

If input data arrives faster than it can be displayed, the application can cause the library to decode input data in advance of what's needed to produce output. This is done by calling the routine jpeg_consume_input(). The return value is one of the following:

- JPEG_REACHED_SOS: reached an SOS marker (the start of a new scan)
- JPEG_REACHED_EOI: reached the EOI marker (end of image)
- JPEG_ROW_COMPLETED: completed reading one MCU row of compressed data
- JPEG_SCAN_COMPLETED: completed reading last MCU row of current scan
- JPEG_SUSPENDED: suspended before completing any of the above (JPEG_SUSPENDED can occur only if a suspending data source is used.) This routine can be called at any time after initializing the JPEG object. It reads some additional data and returns when one of the indicated significant events occurs. (If called after the EOI marker is reached, it will immediately return JPEG_REACHED_EOI without attempting to read more data.)

The library's output processing will automatically call jpeg_consume_input() whenever the output processing overtakes the input; thus, simple lockstep display requires no direct calls to jpeg_consume_input(). But by adding calls to jpeg_consume_input(), you can absorb data in advance of what is being displayed. This has two benefits:

* You can limit buildup of unprocessed data in your input buffer.
* You can eliminate extra display passes by paying attention to the
state of the library's input processing.

The first of these benefits only requires interspersing calls to jpeg_consume_input() with your display operations and any other processing you may be doing. To avoid wasting cycles due to backtracking, it's best to call jpeg_consume_input() only after a hundred or so new bytes have arrived. This is discussed further under "I/O suspension", above. (Note: the JPEG library currently is not thread-safe. You must not call jpeg_consume_input() from one thread of control if a different library routine is working on the same JPEG object in another thread.)

When input arrives fast enough that more than one new scan is available before you start a new output pass, you may as well skip the output pass corresponding to the completed scan. This occurs for free if you pass cinfo.input_scan_number as the target scan number to jpeg_start_output(). The input_scan_number field is simply the index of the scan currently being consumed by the input processor. You can ensure that this is up-to-date by emptying the input buffer just before calling jpeg_start_output(): call jpeg_consume_input() repeatedly until it returns JPEG_SUSPENDED or JPEG_REACHED_EOI.

The target scan number passed to jpeg_start_output() is saved in the cinfo.output_scan_number field. The library's output processing calls jpeg_consume_input() whenever the current input scan number and row within that scan is less than or equal to the current output scan number and row. Thus, input processing can "get ahead" of the output processing but is not allowed to "fall behind". You can achieve several different effects by manipulating this interlock rule. For example, if you pass a target scan number greater than the current input scan number, the output processor will wait until that scan starts to arrive before producing any output. (To avoid an infinite loop, the target scan number is automatically reset to the last scan number when the end of image is reached. Thus, if you specify a large target scan number, the library will just absorb the entire input file and then perform an output pass. This is effectively the same as what jpeg_start_decompress() does when you don't select buffered-image mode.)

When you pass a target scan number equal to the current input scan number, the image is displayed no faster than the current input scan arrives. The final possibility is to pass a target scan number less than the current input scan number; this disables the input/output interlock and causes the output processor to simply display whatever it finds in the image buffer, without waiting for input. (However, the library will not accept a target scan number less than one, so you can't avoid waiting for the first scan.)

When data is arriving faster than the output display processing can advance through the image, jpeg_consume_input() will store data into the buffered image beyond the point at which the output processing is reading data out again. If the input arrives fast enough, it may "wrap around" the buffer to the point where the input is more than one whole scan ahead of the output.
If the output processing simply proceeds through its display pass without paying attention to the input, the effect seen on-screen is that the lower part of the image is one or more scans better in quality than the upper part. Then, when the next output scan is started, you have a choice of what target scan number to use. The recommended choice is to use the current input scan number at that time, which implies that you've skipped the output scans corresponding to the input scans that were completed while you processed the previous output scan. In this way, the decoder automatically adapts its speed to the arriving data, by skipping output scans as necessary to keep up with the arriving data.

When using this strategy, you'll want to be sure that you perform a final output pass after receiving all the data; otherwise your last display may not be full quality across the whole screen. So the right outer loop logic is something like this:

```c
do {
    final_pass = jpeg_input_complete(&cinfo);
    jpeg_start_output(&cinfo, cinfo.input_scan_number);
    ...
} while (! final_pass);
```

rather than quitting as soon as `jpeg_input_complete()` returns TRUE. This arrangement makes it simple to use higher-quality decoding parameters for the final pass. But if you don't want to use special parameters for the final pass, the right loop logic is like this:

```c
for (;;) {
    jpeg_start_output(&cinfo, cinfo.input_scan_number);
    ...
    if (jpeg_input_complete(&cinfo) &&
        cinfo.input_scan_number == cinfo.output_scan_number)
        break;
}
```

In this case you don't need to know in advance whether an output pass is to be the last one, so it's not necessary to have reached EOF before starting the final output pass; rather, what you want to test is whether the output pass was performed in sync with the final input scan. This form of the loop will avoid an extra output pass whenever the decoder is able (or nearly able) to keep up with the incoming data.

When the data transmission speed is high, you might begin a display pass, then find that much or all of the file has arrived before you can complete the pass. (You can detect this by noting the JPEG_REACHED_EOI return code from `jpeg_consume_input()`, or equivalently by testing `jpeg_input_complete()`.) In this situation you may wish to abort the current display pass and start a
new one using the newly arrived information. To do so, just call jpeg_finish_output() and then start a new pass with jpeg_start_output().

A variant strategy is to abort and restart display if more than one complete scan arrives during an output pass; this can be detected by noting JPEG_REACHED_SOS returns and/or examining cinfo.input_scan_number. This idea should be employed with caution, however, since the display process might never get to the bottom of the image before being aborted, resulting in the lower part of the screen being several passes worse than the upper. In most cases it’s probably best to abort an output pass only if the whole file has arrived and you want to begin the final output pass immediately.

When receiving data across a communication link, we recommend always using the current input scan number for the output target scan number; if a higher-quality final pass is to be done, it should be started (aborting any incomplete output pass) as soon as the end of file is received. However, many other strategies are possible. For example, the application can examine the parameters of the current input scan and decide whether to display it or not. If the scan contains only chroma data, one might choose not to use it as the target scan, expecting that the scan will be small and will arrive quickly. To skip to the next scan, call jpeg_consume_input() until it returns JPEG_REACHED_SOS or JPEG_REACHED_EOI. Or just use the next higher number as the target scan for jpeg_start_output(); but that method doesn’t let you inspect the next scan’s parameters before deciding to display it.

In buffered-image mode, jpeg_start_decompress() never performs input and thus never suspends. An application that uses input suspension with buffered-image mode must be prepared for suspension returns from these routines:

* jpeg_start_output() performs input only if you request 2-pass quantization and the target scan isn’t fully read yet. (This is discussed below.)
* jpeg_read_scanlines(), as always, returns the number of scanlines that it was able to produce before suspending.
* jpeg_finish_output() will read any markers following the target scan, up to the end of the file or the SOS marker that begins another scan. (But it reads no input if jpeg_consume_input() has already reached the end of the file or a SOS marker beyond the target output scan.)
* jpeg_finish_decompress() will read until the end of file, and thus can suspend if the end hasn’t already been reached (as can be tested by calling jpeg_input_complete()).

jpeg_start_output(), jpeg_finish_output(), and jpeg_finish_decompress() all return TRUE if they completed their tasks, FALSE if they had to suspend. In the event of a FALSE return, the application must load more input data and repeat the call. Applications that use non-suspending data sources need not check the return values of these three routines.
It is possible to change decoding parameters between output passes in the buffered-image mode. The decoder library currently supports only very limited changes of parameters. ONLY THE FOLLOWING parameter changes are allowed after jpeg_start_decompress() is called:

* dct_method can be changed before each call to jpeg_start_output(). For example, one could use a fast DCT method for early scans, changing to a higher quality method for the final scan.
* dither_mode can be changed before each call to jpeg_start_output(); of course this has no impact if not using color quantization. Typically one would use ordered dither for initial passes, then switch to Floyd-Steinberg dither for the final pass. Caution: changing dither mode can cause more memory to be allocated by the library. Although the amount of memory involved is not large (a scanline or so), it may cause the initial max_memory_to_use specification to be exceeded, which in the worst case would result in an out-of-memory failure.
* do_block_smoothing can be changed before each call to jpeg_start_output(). This setting is relevant only when decoding a progressive JPEG image.
   During the first DC-only scan, block smoothing provides a very "fuzzy" look instead of the very "blocky" look seen without it; which is better seems a matter of personal taste. But block smoothing is nearly always a win during later stages, especially when decoding a successive-approximation image: smoothing helps to hide the slight blockiness that otherwise shows up on smooth gradients until the lowest coefficient bits are sent.
* Color quantization mode can be changed under the rules described below. You *cannot* change between full-color and quantized output (because that would alter the required I/O buffer sizes), but you can change which quantization method is used.

When generating color-quantized output, changing quantization method is a very useful way of switching between high-speed and high-quality display. The library allows you to change among its three quantization methods:

1. Single-pass quantization to a fixed color cube.
   Selected by cinfo.two_pass_quantize = FALSE and cinfo.colormap = NULL.
2. Single-pass quantization to an application-supplied colormap.
   Selected by setting cinfo.colormap to point to the colormap (the value of two_pass_quantize is ignored); also set cinfo.actual_number_of_colors.
3. Two-pass quantization to a colormap chosen specifically for the image.
   Selected by cinfo.two_pass_quantize = TRUE and cinfo.colormap = NULL.
   (This is the default setting selected by jpeg_read_header, but it is probably NOT what you want for the first pass of progressive display!)

These methods offer successively better quality and lesser speed. However, only the first method is available for quantizing in non-RGB color spaces.

IMPORTANT: because the different quantizer methods have very different working-storage requirements, the library requires you to indicate which one(s) you intend to use before you call jpeg_start_decompress(). (If we did not require this, the max_memory_to_use setting would be a complete fiction.) You do this by setting one or more of these three cinfo fields to TRUE:

---

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enable_1pass_quantFixed color cube colormap
enable_external_quantExternally-supplied colormap
enable_2pass_quantTwo-pass custom colormap

All three are initialized FALSE by jpeg_read_header(). But jpeg_start_decompress() automatically sets TRUE the one selected by the current two_pass_quantize and colormap settings, so you only need to set the enable flags for any other quantization methods you plan to change to later.

After setting the enable flags correctly at jpeg_start_decompress() time, you can change to any enabled quantization method by setting two_pass_quantize and colormap properly just before calling jpeg_start_output(). The following special rules apply:

1. You must explicitly set cinfo.colormap to NULL when switching to 1-pass or 2-pass mode from a different mode, or when you want the 2-pass quantizer to be re-run to generate a new colormap.
2. To switch to an external colormap, or to change to a different external colormap than was used on the prior pass, you must call jpeg_new_colormap() after setting cinfo.colormap.

NOTE: if you want to use the same colormap as was used in the prior pass, you should not do either of these things. This will save some nontrivial switchover costs.

(These requirements exist because cinfo.colormap will always be non-NULL after completing a prior output pass, since both the 1-pass and 2-pass quantizers set it to point to their output colormaps. Thus you have to do one of these two things to notify the library that something has changed. Yup, it's a bit klugy, but it's necessary to do it this way for backwards compatibility.)

Note that in buffered-image mode, the library generates any requested colormap during jpeg_start_output(), not during jpeg_start_decompress().

When using two-pass quantization, jpeg_start_output() makes a pass over the buffered image to determine the optimum color map; it therefore may take a significant amount of time, whereas ordinarily it does little work. The progress monitor hook is called during this pass, if defined. It is also important to realize that if the specified target scan number is greater than or equal to the current input scan number, jpeg_start_output() will attempt to consume input as it makes this pass. If you use a suspending data source, you need to check for a FALSE return from jpeg_start_output() under these conditions. The combination of 2-pass quantization and a not-yet-fully-read target scan is the only case in which jpeg_start_output() will consume input.

Application authors who support buffered-image mode may be tempted to use it for all JPEG images, even single-scan ones. This will work, but it is inefficient: there is no need to create an image-sized coefficient buffer for single-scan images. Requesting buffered-image mode for such an image wastes memory. Worse, it can cost time on large images, since the buffered data has
to be swapped out or written to a temporary file. If you are concerned about maximum performance on baseline JPEG files, you should use buffered-image mode only when the incoming file actually has multiple scans. This can be tested by calling jpeg_has_multiple_scans(), which will return a correct result at any time after jpeg_read_header() completes.

It is also worth noting that when you use jpeg_consume_input() to let input processing get ahead of output processing, the resulting pattern of access to the coefficient buffer is quite nonsequential. It's best to use the memory manager jmemnobs.c if you can (ie, if you have enough real or virtual main memory). If not, at least make sure that max_memory_to_use is set as high as possible. If the JPEG memory manager has to use a temporary file, you will probably see a lot of disk traffic and poor performance. (This could be improved with additional work on the memory manager, but we haven't gotten around to it yet.)

In some applications it may be convenient to use jpeg_consume_input() for all input processing, including reading the initial markers; that is, you may wish to call jpeg_consume_input() instead of jpeg_read_header() during startup. This works, but note that you must check for JPEG_REACHED_SOS and JPEG_REACHED_EOI return codes as the equivalent of jpeg_read_header's codes. Once the first SOS marker has been reached, you must call jpeg_start_decompress() before jpeg_consume_input() will consume more input; it'll just keep returning JPEG_REACHED_SOS until you do. If you read a tables-only file this way, jpeg_consume_input() will return JPEG_REACHED_EOI without ever returning JPEG_REACHED_SOS; be sure to check for this case. If this happens, the decompressor will not read any more input until you call jpeg_abort() to reset it. It is OK to call jpeg_consume_input() even when not using buffered-image mode, but in that case it's basically a no-op after the initial markers have been read: it will just return JPEG_SUSPENDED.

Abbreviated datastreams and multiple images

A JPEG compression or decompression object can be reused to process multiple images. This saves a small amount of time per image by eliminating the "create" and "destroy" operations, but that isn't the real purpose of the feature. Rather, reuse of an object provides support for abbreviated JPEG datastreams. Object reuse can also simplify processing a series of images in a single input or output file. This section explains these features.

A JPEG file normally contains several hundred bytes worth of quantization and Huffman tables. In a situation where many images will be stored or transmitted with identical tables, this may represent an annoying overhead. The JPEG standard therefore permits tables to be omitted. The standard defines three classes of JPEG datastreams:
* "Interchange" datastreams contain an image and all tables needed to decode
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the image. These are the usual kind of JPEG file.
* "Abbreviated image" datastreams contain an image, but are missing some or all of the tables needed to decode that image.
* "Abbreviated table specification" (henceforth "tables-only") datastreams contain only table specifications.

To decode an abbreviated image, it is necessary to load the missing table(s) into the decoder beforehand. This can be accomplished by reading a separate tables-only file. A variant scheme uses a series of images in which the first image is an interchange (complete) datastream, while subsequent ones are abbreviated and rely on the tables loaded by the first image. It is assumed that once the decoder has read a table, it will remember that table until a new definition for the same table number is encountered.

It is the application designer’s responsibility to figure out how to associate the correct tables with an abbreviated image. While abbreviated datastreams can be useful in a closed environment, their use is strongly discouraged in any situation where data exchange with other applications might be needed. Caveat designer.

The JPEG library provides support for reading and writing any combination of tables-only datastreams and abbreviated images. In both compression and decompression objects, a quantization or Huffman table will be retained for the lifetime of the object, unless it is overwritten by a new table definition.

To create abbreviated image datastreams, it is only necessary to tell the compressor not to emit some or all of the tables it is using. Each quantization and Huffman table struct contains a boolean field "sent_table", which normally is initialized to FALSE. For each table used by the image, the header-writing process emits the table and sets sent_table = TRUE unless it is already TRUE. (In normal usage, this prevents outputting the same table definition multiple times, as would otherwise occur because the chroma components typically share tables.) Thus, setting this field to TRUE before calling jpeg_start_compress() will prevent the table from being written at all.

If you want to create a "pure" abbreviated image file containing no tables, just call "jpeg_suppress_tables(&cinfo, TRUE)" after constructing all the tables. If you want to emit some but not all tables, you'll need to set the individual sent_table fields directly.

To create an abbreviated image, you must also call jpeg_start_compress() with a second parameter of FALSE, not TRUE. Otherwise jpeg_start_compress() will force all the sent_table fields to FALSE. (This is a safety feature to prevent abbreviated images from being created accidentally.)

To create a tables-only file, perform the same parameter setup that you normally would, but instead of calling jpeg_start_compress() and so on, call
jpeg_write_tables(&cinfo). This will write an abbreviated datastream containing only SOI, DQT and/or DHT markers, and EOI. All the quantization and Huffman tables that are currently defined in the compression object will be emitted unless their sent_tables flag is already TRUE, and then all the sent_tables flags will be set TRUE.

A sure-fire way to create matching tables-only and abbreviated image files is to proceed as follows:

create JPEG compression object
set JPEG parameters
set destination to tables-only file
jpeg_write_tables(&cinfo);
set destination to image file
jpeg_start_compress(&cinfo, FALSE);
write data...
jpeg_finish_compress(&cinfo);

Since the JPEG parameters are not altered between writing the table file and the abbreviated image file, the same tables are sure to be used. Of course, you can repeat the jpeg_start_compress() ... jpeg_finish_compress() sequence many times to produce many abbreviated image files matching the table file.

You cannot suppress output of the computed Huffman tables when Huffman optimization is selected. (If you could, there'd be no way to decode the image...) Generally, you don't want to set optimize_coding = TRUE when you are trying to produce abbreviated files.

In some cases you might want to compress an image using tables which are not stored in the application, but are defined in an interchange or tables-only file readable by the application. This can be done by setting up a JPEG decompression object to read the specification file, then copying the tables into your compression object. See jpeg_copy_critical_parameters() for an example of copying quantization tables.

To read abbreviated image files, you simply need to load the proper tables into the decompression object before trying to read the abbreviated image. If the proper tables are stored in the application program, you can just allocate the table structs and fill in their contents directly. For example, to load a fixed quantization table into table slot "n":

if (cinfo.quant_tbl_ptrs[n] == NULL)
   cinfo.quant_tbl_ptrs[n] = jpeg_alloc_quant_table(j_common_ptr) &cinfo);
quant_ptr = cinfo.quant_tbl_ptrs[n];/* quant_ptr is JQUANT_TBL */
for (i = 0; i < 64; i++) {
   /* Qtable[] is desired quantization table, in natural array order */
   quant_ptr->quantval[i] = Qtable[i];
Code to load a fixed Huffman table is typically (for AC table "n"):

```c
if (cinfo.ac_huff_tbl_ptrs[n] == NULL)
    cinfo.ac_huff_tbl_ptrs[n] = jpeg_alloc_huff_table((j_common_ptr) &cinfo);
huff_ptr = cinfo.ac_huff_tbl_ptrs[n]; /* huff_ptr is JHUFF_TBL */
for (i = 1; i <= 16; i++) { /* counts[i] is number of Huffman codes of length i bits, i=1..16 */
    huff_ptr->bits[i] = counts[i];
}
for (i = 0; i < 256; i++) { /* symbols[] is the list of Huffman symbols, in code-length order */
    huff_ptr->huffval[i] = symbols[i];
}
```

(Note that trying to set cinfo.quant_tbl_ptrs[n] to point directly at a constant JQUANT_TBL object is not safe. If the incoming file happened to contain a quantization table definition, your master table would get overwritten! Instead allocate a working table copy and copy the master table into it, as illustrated above. Ditto for Huffman tables, of course.)

You might want to read the tables from a tables-only file, rather than hard-wiring them into your application. The jpeg_read_header() call is sufficient to read a tables-only file. You must pass a second parameter of FALSE to indicate that you do not require an image to be present. Thus, the typical scenario is:

create JPEG decompression object
set source to tables-only file
jpeg_read_header(&cinfo, FALSE);
set source to abbreviated image file
jpeg_read_header(&cinfo, TRUE);
set decompression parameters
jpeg_start_decompress(&cinfo);
read data...
jpeg_finish_decompress(&cinfo);

In some cases, you may want to read a file without knowing whether it contains an image or just tables. In that case, pass FALSE and check the return value from jpeg_read_header(): it will be JPEG_HEADER_OK if an image was found, JPEG_HEADER_TABLES_ONLY if only tables were found. (A third return value, JPEG_SUSPENDED, is possible when using a suspending data source manager.) Note that jpeg_read_header() will not complain if you read an abbreviated image for which you haven't loaded the missing tables; the missing-table check occurs later, in jpeg_start_decompress().
It is possible to read a series of images from a single source file by repeating the `jpeg_read_header()` ... `jpeg_finish_decompress()` sequence, without releasing/recreating the JPEG object or the data source module. (If you did reinitialize, any partial bufferload left in the data source buffer at the end of one image would be discarded, causing you to lose the start of the next image.) When you use this method, stored tables are automatically carried forward, so some of the images can be abbreviated images that depend on tables from earlier images.

If you intend to write a series of images into a single destination file, you might want to make a specialized data destination module that doesn't flush the output buffer at `term_destination()` time. This would speed things up by some trifling amount. Of course, you'd need to remember to flush the buffer after the last image. You can make the later images be abbreviated ones by passing `FALSE` to `jpeg_start_compress()`.

Special markers

Some applications may need to insert or extract special data in the JPEG datastream. The JPEG standard provides marker types "COM" (comment) and "APP0" through "APP15" (application) to hold application-specific data. Unfortunately, the use of these markers is not specified by the standard. COM markers are fairly widely used to hold user-supplied text. The JFIF file format spec uses APP0 markers with specified initial strings to hold certain data. Adobe applications use APP14 markers beginning with the string "Adobe" for miscellaneous data. Other APPn markers are rarely seen, but might contain almost anything.

If you wish to store user-supplied text, we recommend you use COM markers and place readable 7-bit ASCII text in them. Newline conventions are not standardized -- expect to find LF (Unix style), CR/LF (DOS style), or CR (Mac style). A robust COM reader should be able to cope with random binary garbage, including nulls, since some applications generate COM markers containing non-ASCII junk. (But yours should not be one of them.)

For program-supplied data, use an APPn marker, and be sure to begin it with an identifying string so that you can tell whether the marker is actually yours. It's probably best to avoid using APP0 or APP14 for any private markers. (NOTE: the upcoming SPIFF standard will use APP8 markers; we recommend you not use APP8 markers for any private purposes, either.)

Keep in mind that at most 65533 bytes can be put into one marker, but you can have as many markers as you like.

By default, the IJG compression library will write a JFIF APP0 marker if the selected JPEG colorspace is grayscale or YCbCr, or an Adobe APP14 marker if
the selected colorspace is RGB, CMYK, or YCCK. You can disable this, but we don't recommend it. The decompression library will recognize JFIF and Adobe markers and will set the JPEG colorspace properly when one is found.

You can write special markers immediately following the datastream header by calling jpeg_write_marker() after jpeg_start_compress() and before the first call to jpeg_write_scanlines(). When you do this, the markers appear after the SOI and the JFIF APP0 and Adobe APP14 markers (if written), but before all else. Specify the marker type parameter as "JPEG_COM" for COM or "JPEG_APP0 + n" for APPn. (Actually, jpeg_write_marker will let you write any marker type, but we don't recommend writing any other kinds of marker.) For example, to write a user comment string pointed to by comment_text:
jpeg_write_marker(cinfo, JPEG_COM, comment_text, strlen(comment_text));

If it's not convenient to store all the marker data in memory at once, you can instead call jpeg_write_m_header() followed by multiple calls to jpeg_write_m_byte(). If you do it this way, it's your responsibility to call jpeg_write_m_byte() exactly the number of times given in the length parameter to jpeg_write_m_header(). (This method lets you empty the output buffer partway through a marker, which might be important when using a suspending data destination module. In any case, if you are using a suspending destination, you should flush its buffer after inserting any special markers. See "I/O suspension".)

Or, if you prefer to synthesize the marker byte sequence yourself, you can just cram it straight into the data destination module.

If you are writing JFIF 1.02 extension markers (thumbnail images), don't forget to set cinfo.JFIF_minor_version = 2 so that the encoder will write the correct JFIF version number in the JFIF header marker. The library's default is to write version 1.01, but that's wrong if you insert any 1.02 extension markers. (We could probably get away with just defaulting to 1.02, but there used to be broken decoders that would complain about unknown minor version numbers. To reduce compatibility risks it's safest not to write 1.02 unless you are actually using 1.02 extensions.)

When reading, two methods of handling special markers are available:
1. You can ask the library to save the contents of COM and/or APPn markers into memory, and then examine them at your leisure afterwards.
2. You can supply your own routine to process COM and/or APPn markers on-the-fly as they are read.

The first method is simpler to use, especially if you are using a suspending data source; writing a marker processor that copes with input suspension is not easy (consider what happens if the marker is longer than your available input buffer). However, the second method conserves memory since the marker data need not be kept around after it's been processed.
For either method, you'd normally set up marker handling after creating a decompression object and before calling jpeg_read_header(), because the markers of interest will typically be near the head of the file and so will be scanned by jpeg_read_header. Once you've established a marker handling method, it will be used for the life of that decompression object (potentially many datastreams), unless you change it. Marker handling is determined separately for COM markers and for each APPn marker code.

To save the contents of special markers in memory, call

```c
jpeg_save_markers(cinfo, marker_code, length_limit)
```

where `marker_code` is the marker type to save, JPEG_COM or JPEG_APP0+n. (To arrange to save all the special marker types, you need to call this routine 17 times, for COM and APP0-APP15.) If the incoming marker is longer than `length_limit` data bytes, only `length_limit` bytes will be saved; this parameter allows you to avoid chewing up memory when you only need to see the first few bytes of a potentially large marker. If you want to save all the data, set `length_limit` to 0xFFFF; that is enough since marker lengths are only 16 bits. As a special case, setting `length_limit` to 0 prevents that marker type from being saved at all. (That is the default behavior, in fact.)

After jpeg_read_header() completes, you can examine the special markers by following the `cinfo->marker_list` pointer chain. All the special markers in the file appear in this list, in order of their occurrence in the file (but omitting any markers of types you didn't ask for). Both the original data length and the saved data length are recorded for each list entry; the latter will not exceed `length_limit` for the particular marker type. Note that these lengths exclude the marker length word, whereas the stored representation within the JPEG file includes it. (Hence the maximum data length is really only 65533.)

It is possible that additional special markers appear in the file beyond the SOS marker at which jpeg_read_header stops; if so, the marker list will be extended during reading of the rest of the file. This is not expected to be common, however. If you are short on memory you may want to reset the length limit to zero for all marker types after finishing jpeg_read_header, to ensure that the `max_memory_to_use` setting cannot be exceeded due to addition of later markers.

The marker list remains stored until you call jpeg_finish_decompress or jpeg_abort, at which point the memory is freed and the list is set to empty. (jpeg_destroy also releases the storage, of course.)

Note that the library is internally interested in APP0 and APP14 markers; if you try to set a small nonzero length limit on these types, the library will silently force the length up to the minimum it wants. (But you can set a zero length limit to prevent them from being saved at all.) Also, in a
16-bit environment, the maximum length limit may be constrained to less than 65533 by malloc() limitations. It is therefore best not to assume that the effective length limit is exactly what you set it to be.

If you want to supply your own marker-reading routine, you do it by calling jpeg_set_marker_processor(). A marker processor routine must have the signature

boolean jpeg_marker_parser_method (j_decompress_ptr cinfo)

Although the marker code is not explicitly passed, the routine can find it in cinfo->unread_marker. At the time of call, the marker proper has been read from the data source module. The processor routine is responsible for reading the marker length word and the remaining parameter bytes, if any. Return TRUE to indicate success. (FALSE should be returned only if you are using a suspending data source and it tells you to suspend. See the standard marker processors in jdmarker.c for appropriate coding methods if you need to use a suspending data source.)

If you override the default APP0 or APP14 processors, it is up to you to recognize JFIF and Adobe markers if you want colorspace recognition to occur properly. We recommend copying and extending the default processors if you want to do that. (A better idea is to save these marker types for later examination by calling jpeg_save_markers(); that method doesn't interfere with the library's own processing of these markers.)

jpeg_set_marker_processor() and jpeg_save_markers() are mutually exclusive --- if you call one it overrides any previous call to the other, for the particular marker type specified.

A simple example of an external COM processor can be found in djpeg.c. Also, see jpegtran.c for an example of using jpeg_save_markers.

Raw (downsampled) image data

Some applications need to supply already-downsampled image data to the JPEG compressor, or to receive raw downsampled data from the decompressor. The library supports this requirement by allowing the application to write or read raw data, bypassing the normal preprocessing or postprocessing steps. The interface is different from the standard one and is somewhat harder to use. If your interest is merely in bypassing color conversion, we recommend that you use the standard interface and simply set jpeg_color_space = in_color_space (or jpeg_color_space = out_color_space for decompression). The mechanism described in this section is necessary only to supply or receive downsampled image data, in which not all components have the same dimensions.
To compress raw data, you must supply the data in the colorspace to be used in the JPEG file (please read the earlier section on Special color spaces) and downsampled to the sampling factors specified in the JPEG parameters. You must supply the data in the format used internally by the JPEG library, namely a JSAMPIMAGE array. This is an array of pointers to two-dimensional arrays, each of type JSAMPARRAY. Each 2-D array holds the values for one color component. This structure is necessary since the components are of different sizes. If the image dimensions are not a multiple of the MCU size, you must also pad the data correctly (usually, this is done by replicating the last column and/or row). The data must be padded to a multiple of a DCT block in each component: that is, each downsampled row must contain a multiple of 8 valid samples, and there must be a multiple of 8 sample rows for each component. (For applications such as conversion of digital TV images, the standard image size is usually a multiple of the DCT block size, so that no padding need actually be done.)

The procedure for compression of raw data is basically the same as normal compression, except that you call jpeg_write_raw_data() in place of jpeg_write_scanlines(). Before calling jpeg_start_compress(), you must do the following:

* Set cinfo->raw_data_in to TRUE. (It is set FALSE by jpeg_set_defaults().) This notifies the library that you will be supplying raw data. Furthermore, set cinfo->do_fancy_downsampling to FALSE if you want to use real downsampled data. (It is set TRUE by jpeg_set_defaults().)

* Ensure jpeg_color_space is correct --- an explicit jpeg_set_colorspace() call is a good idea. Note that since color conversion is bypassed, in_color_space is ignored, except that jpeg_set_defaults() uses it to choose the default jpeg_color_space setting.

* Ensure the sampling factors, cinfo->comp_info[i].h_samp_factor and cinfo->comp_info[i].v_samp_factor, are correct. Since these indicate the dimensions of the data you are supplying, it's wise to set them explicitly, rather than assuming the library's defaults are what you want.

To pass raw data to the library, call jpeg_write_raw_data() in place of jpeg_write_scanlines(). The two routines work similarly except that jpeg_write_raw_data takes a JSAMPIMAGE data array rather than JSAMPARRAY. The scanlines count passed to and returned from jpeg_write_raw_data is measured in terms of the component with the largest v_samp_factor.

jpeg_write_raw_data() processes one MCU row per call, which is to say v_samp_factor*DCTSIZE sample rows of each component. The passed num_lines value must be at least max_v_samp_factor*DCTSIZE, and the return value will be exactly that amount (or possibly some multiple of that amount, in future library versions). This is true even on the last call at the bottom of the image; don't forget to pad your data as necessary.

The required dimensions of the supplied data can be computed for each
component as
cinfo->comp_info[i].width_in_blocks*DCTSIZE samples per row
cinfo->comp_info[i].height_in_blocks*DCTSIZE rows in image
after jpeg_start_compress() has initialized those fields. If the valid data
is smaller than this, it must be padded appropriately. For some sampling
factors and image sizes, additional dummy DCT blocks are inserted to make
the image a multiple of the MCU dimensions. The library creates such dummy
blocks itself; it does not read them from your supplied data. Therefore you
need never pad by more than DCTSIZE samples. An example may help here.
Assume 2h2v downsampling of YCbCr data, that is
cinfo->comp_info[0].h_samp_factor = 2 for Y
cinfo->comp_info[0].v_samp_factor = 2

cinfo->comp_info[1].h_samp_factor = 1 for Cb
cinfo->comp_info[1].v_samp_factor = 1

cinfo->comp_info[2].h_samp_factor = 1 for Cr
cinfo->comp_info[2].v_samp_factor = 1

and suppose that the nominal image dimensions (cinfo->image_width and
cinfo->image_height) are 101x101 pixels. Then jpeg_start_compress() will
compute downsampled_width = 101 and width_in_blocks = 13 for Y,
downsampling_width = 51 and width_in_blocks = 7 for Cb and Cr (and the same
for the height fields). You must pad the Y data to at least 13*8 = 104
columns and rows, the Cb/Cr data to at least 7*8 = 56 columns and rows. The
MCU height is max_v_samp_factor = 2 DCT rows so you must pass at least 16
scanlines on each call to jpeg_write_raw_data(), which is to say 16 actual
sample rows of Y and 8 each of Cb and Cr. A total of 7 MCU rows are needed,
so you must pass a total of 7*16 = 112 "scanlines". The last DCT block row
of Y data is dummy, so it doesn't matter what you pass for it in the data
arrays, but the scanlines count must total up to 112 so that all of the Cb
and Cr data gets passed.

Output suspension is supported with raw-data compression: if the data
destination module suspends, jpeg_write_raw_data() will return 0.
In this case the same data rows must be passed again on the next call.

Decompression with raw data output implies bypassing all postprocessing.
You must deal with the color space and sampling factors present in the
incoming file. If your application only handles, say, 2h1v YCbCr data,
you must check for and fail on other color spaces or other sampling factors.
The library will not convert to a different color space for you.

To obtain raw data output, set cinfo->raw_data_out = TRUE before
jpeg_start_decompress() (it is set FALSE by jpeg_read_header()). Be sure to
verify that the color space and sampling factors are ones you can handle.
Furthermore, set cinfo->do_fancy_upsampling = FALSE if you want to get real
downsampled data (it is set TRUE by jpeg_read_header()).
Then call jpeg_read_raw_data() in place of jpeg_read_scanlines(). The
decompression process is otherwise the same as usual.
jpeg_read_raw_data() returns one MCU row per call, and thus you must pass a buffer of at least max_v_samp_factor*DCTSIZE scanlines (scanline counting is the same as for raw-data compression). The buffer you pass must be large enough to hold the actual data plus padding to DCT-block boundaries. As with compression, any entirely dummy DCT blocks are not processed so you need not allocate space for them, but the total scanline count includes them. The above example of computing buffer dimensions for raw-data compression is equally valid for decompression.

Input suspension is supported with raw-data decompression: if the data source module suspends, jpeg_read_raw_data() will return 0. You can also use buffered-image mode to read raw data in multiple passes.

Really raw data: DCT coefficients

It is possible to read or write the contents of a JPEG file as raw DCT coefficients. This facility is mainly intended for use in lossless transcoding between different JPEG file formats. Other possible applications include lossless cropping of a JPEG image, lossless reassembly of a multi-strip or multi-tile TIFF/JPEG file into a single JPEG datastream, etc.

To read the contents of a JPEG file as DCT coefficients, open the file and do jpeg_read_header() as usual. But instead of calling jpeg_start_decompress() and jpeg_read_scanlines(), call jpeg_read_coefficients(). This will read the entire image into a set of virtual coefficient-block arrays, one array per component. The return value is a pointer to an array of virtual-array descriptors. Each virtual array can be accessed directly using the JPEG memory manager's access_virt_barray method (see Memory management, below, and also read structure.txt's discussion of virtual array handling). Or, for simple transcoding to a different JPEG file format, the array list can just be handed directly to jpeg_write_coefficients().

Each block in the block arrays contains quantized coefficient values in normal array order (not JPEG zigzag order). The block arrays contain only DCT blocks containing real data; any entirely-dummy blocks added to fill out interleaved MCUs at the right or bottom edges of the image are discarded during reading and are not stored in the block arrays. (The size of each block array can be determined from the width_in_blocks and height_in_blocks fields of the component's comp_info entry.) This is also the data format expected by jpeg_write_coefficients().

When you are done using the virtual arrays, call jpeg_finish_decompress() to release the array storage and return the decompression object to an idle state; or just call jpeg_destroy() if you don't need to reuse the object.
If you use a suspending data source, jpeg_read_coefficients() will return NULL if it is forced to suspend; a non-NULL return value indicates successful completion. You need not test for a NULL return value when using a non-suspending data source.

It is also possible to call jpeg_read_coefficients() to obtain access to the decoder’s coefficient arrays during a normal decode cycle in buffered-image mode. This gimmick might be useful for progressively displaying an incoming image and then re-encoding it without loss. To do this, decode in buffered-image mode as discussed previously, then call jpeg_read_coefficients() after the last jpeg_finish_output() call. The arrays will be available for your use until you call jpeg_finish_decompress().

To write the contents of a JPEG file as DCT coefficients, you must provide the DCT coefficients stored in virtual block arrays. You can either pass block arrays read from an input JPEG file by jpeg_read_coefficients(), or allocate virtual arrays from the JPEG compression object and fill them yourself. In either case, jpeg_write_coefficients() is substituted for jpeg_start_compress() and jpeg_write_scanlines(). Thus the sequence is

* Create compression object
* Set all compression parameters as necessary
* jpeg_write_coefficients()
* jpeg_finish_compress()
* Destroy or re-use compression object

jpeg_write_coefficients() is passed a pointer to an array of virtual block array descriptors; the number of arrays is equal to cinfo.num_components.

The virtual arrays need only have been requested, not realized, before jpeg_write_coefficients() is called. A side-effect of jpeg_write_coefficients() is to realize any virtual arrays that have been requested from the compression object’s memory manager. Thus, when obtaining the virtual arrays from the compression object, you should fill the arrays after calling jpeg_write_coefficients(). The data is actually written out when you call jpeg_finish_compress(); jpeg_write_coefficients() only writes the file header.

When writing raw DCT coefficients, it is crucial that the JPEG quantization tables and sampling factors match the way the data was encoded, or the resulting file will be invalid. For transcoding from an existing JPEG file, we recommend using jpeg_copy_critical_parameters(). This routine initializes all the compression parameters to default values (like jpeg_set_defaults()), then copies the critical information from a source decompression object. The decompression object should have just been used to read the entire JPEG input file --- that is, it should be awaiting jpeg_finish_decompress().

jpeg_write_coefficients() marks all tables stored in the compression object
as needing to be written to the output file (thus, it acts like jpeg_start_compress(cinfo, TRUE)). This is for safety’s sake, to avoid emitting abbreviated JPEG files by accident. If you really want to emit an abbreviated JPEG file, call jpegSuppress_tables(), or set the tables’ individual sent_table flags, between calling jpeg_write_coefficients() and jpeg_finish_compress().

Progress monitoring
---------------------

Some applications may need to regain control from the JPEG library every so often. The typical use of this feature is to produce a percent-done bar or other progress display. (For a simple example, see cjpeg.c or djpeg.c.) Although you do get control back frequently during the data-transferring pass (the jpeg_read_scanlines or jpeg_write_scanlines loop), any additional passes will occur inside jpeg_finish_compress or jpeg_start_decompress; those routines may take a long time to execute, and you don’t get control back until they are done.

You can define a progress-monitor routine which will be called periodically by the library. No guarantees are made about how often this call will occur, so we don’t recommend you use it for mouse tracking or anything like that.

At present, a call will occur once per MCU row, scanline, or sample row group, whichever unit is convenient for the current processing mode; so the wider the image, the longer the time between calls. During the data transferring pass, only one call occurs per call of jpeg_read_scanlines or jpeg_write_scanlines, so don’t pass a large number of scanlines at once if you want fine resolution in the progress count. (If you really need to use the callback mechanism for time-critical tasks like mouse tracking, you could insert additional calls inside some of the library’s inner loops.)

To establish a progress-monitor callback, create a struct jpeg_progress_mgr, fill in its progress_monitor field with a pointer to your callback routine, and set cinfo->progress to point to the struct. The callback will be called whenever cinfo->progress is non-NULL. (This pointer is set to NULL by jpeg_create_compress or jpeg_create_decompress; the library will not change it thereafter. So if you allocate dynamic storage for the progress struct, make sure it will live as long as the JPEG object does. Allocating from the JPEG memory manager with lifetime JPOOL_PERMANENT will work nicely.) You can use the same callback routine for both compression and decompression.

The jpeg_progress_mgr struct contains four fields which are set by the library:
- long pass_counter;/* work units completed in this pass */
- long pass_limit;/* total number of work units in this pass */
- int completed_passes;/* passes completed so far */
- int total_passes;/* total number of passes expected */

During any one pass, pass_counter increases from 0 up to (not including)
pass\_limit; the step size is usually but not necessarily 1. The pass\_limit
value may change from one pass to another. The expected total number of
passes is in total\_passes, and the number of passes already completed is in
completed\_passes. Thus the fraction of work completed may be estimated as
completed\_passes + (pass\_counter/pass\_limit)
---------------------------------------------
total\_passes
ignoring the fact that the passes may not be equal amounts of work.

When decompressing, pass\_limit can even change within a pass, because it
depends on the number of scans in the JPEG file, which isn't always known in
advance. The computed fraction-of-work-done may jump suddenly (if the library
discovers it has overestimated the number of scans) or even decrease (in the
opposite case). It is not wise to put great faith in the work estimate.

When using the decompressor's buffered-image mode, the progress monitor work
estimate is likely to be completely unhelpful, because the library has no way
to know how many output passes will be demanded of it. Currently, the library
sets total\_passes based on the assumption that there will be one more output
pass if the input file end hasn't yet been read (jpeg\_input\_complete() isn't
TRUE), but no more output passes if the file end has been reached when the
output pass is started. This means that total\_passes will rise as additional
output passes are requested. If you have a way of determining the input file
size, estimating progress based on the fraction of the file that's been read
will probably be more useful than using the library's value.

Memory management
-------------------

This section covers some key facts about the JPEG library's built-in memory
manager. For more info, please read structure.txt's section about the memory
manager, and consult the source code if necessary.

All memory and temporary file allocation within the library is done via the
memory manager. If necessary, you can replace the "back end" of the memory
manager to control allocation yourself (for example, if you don't want the
library to use malloc() and free() for some reason).

Some data is allocated "permanently" and will not be freed until the JPEG
object is destroyed. Most data is allocated "per image" and is freed by
jpeg\_finish\_compress, jpeg\_finish\_decompress, or jpeg\_abort. You can call the
memory manager yourself to allocate structures that will automatically be
freed at these times. Typical code for this is

\begin{verbatim}
ptr = (*cinfo->mem->alloc\_small) ((j\_common\_ptr) cinfo, JPOOL\_IMAGE, size);
\end{verbatim}
\begin{verbatim}
Use JPOOL\_PERMANENT to get storage that lasts as long as the JPEG object.
Use alloc\_large instead of alloc\_small for anything bigger than a few Kbytes.
There are also alloc\_sarray and alloc\_barray routines that automatically
build 2-D sample or block arrays.

The library's minimum space requirements to process an image depend on the image's width, but not on its height, because the library ordinarily works with "strip" buffers that are as wide as the image but just a few rows high. Some operating modes (e.g., two-pass color quantization) require full-image buffers. Such buffers are treated as "virtual arrays"; only the current strip need be in memory, and the rest can be swapped out to a temporary file.

If you use the simplest memory manager back end (jmemnobs.c), then no temporary files are used; virtual arrays are simply malloc()'d. Images bigger than memory can be processed only if your system supports virtual memory. The other memory manager back ends support temporary files of various flavors and thus work in machines without virtual memory. They may also be useful on Unix machines if you need to process images that exceed available swap space.

When using temporary files, the library will make the in-memory buffers for its virtual arrays just big enough to stay within a "maximum memory" setting. Your application can set this limit by setting cinfo->mem->max_memory_to_use after creating the JPEG object. (Of course, there is still a minimum size for the buffers, so the max-memory setting is effective only if it is bigger than the minimum space needed.) If you allocate any large structures yourself, you must allocate them before jpeg_start_compress() or jpeg_start_decompress() in order to have them counted against the max memory limit. Also keep in mind that space allocated with alloc_small() is ignored, on the assumption that it's too small to be worth worrying about; so a reasonable safety margin should be left when setting max_memory_to_use.

If you use the jmemname.c or jmemdos.c memory manager back end, it is important to clean up the JPEG object properly to ensure that the temporary files get deleted. (This is especially crucial with jmemdos.c, where the "temporary files" may be extended-memory segments; if they are not freed, DOS will require a reboot to recover the memory.) Thus, with these memory managers, it's a good idea to provide a signal handler that will trap any early exit from your program. The handler should call either jpeg_abort() or jpeg_destroy() for any active JPEG objects. A handler is not needed with jmemnobs.c, and shouldn't be necessary with jmemansi.c or jmemmac.c either, since the C library is supposed to take care of deleting files made with tmpfile().

Memory usage
-------------

Working memory requirements while performing compression or decompression depend on image dimensions, image characteristics (such as colorspace and JPEG process), and operating mode (application-selected options).
As of v6b, the decompressor requires:
1. About 24K in more-or-less-fixed-size data. This varies a bit depending on operating mode and image characteristics (particularly color vs. grayscale), but it doesn't depend on image dimensions.
2. Strip buffers (of size proportional to the image width) for IDCT and upsampling results. The worst case for commonly used sampling factors is about 34 bytes * width in pixels for a color image. A grayscale image only needs about 8 bytes per pixel column.
3. A full-image DCT coefficient buffer is needed to decode a multi-scan JPEG file (including progressive JPEGs), or whenever you select buffered-image mode. This takes 2 bytes/coordinate. At typical 2x2 sampling, that's 3 bytes per pixel for a color image. Worst case (1x1 sampling) requires 6 bytes/pixel. For grayscale, figure 2 bytes/pixel.
4. To perform 2-pass color quantization, the decompressor also needs a 128K color lookup table and a full-image pixel buffer (3 bytes/pixel). This does not count any memory allocated by the application, such as a buffer to hold the final output image.

The above figures are valid for 8-bit JPEG data precision and a machine with 32-bit ints. For 12-bit JPEG data, double the size of the strip buffers and quantization pixel buffer. The "fixed-size" data will be somewhat smaller with 16-bit ints, larger with 64-bit ints. Also, CMYK or other unusual color spaces will require different amounts of space.

The full-image coefficient and pixel buffers, if needed at all, do not have to be fully RAM resident; you can have the library use temporary files instead when the total memory usage would exceed a limit you set. (But if your OS supports virtual memory, it's probably better to just use jmemnobs and let the OS do the swapping.)

The compressor's memory requirements are similar, except that it has no need for color quantization. Also, it needs a full-image DCT coefficient buffer if Huffman-table optimization is asked for, even if progressive mode is not requested.

If you need more detailed information about memory usage in a particular situation, you can enable the MEM_STATS code in jmemmgr.c.

Library compile-time options
----------------------------

A number of compile-time options are available by modifying jmorecfg.h.

The JPEG standard provides for both the baseline 8-bit DCT process and a 12-bit DCT process. The IJG code supports 12-bit lossy JPEG if you define BITS_IN_JSAMPLE as 12 rather than 8. Note that this causes JSAMPLE to be larger than a char, so it affects the surrounding application's image data.
The sample applications cjpeg and djpeg can support 12-bit mode only for PPM and GIF file formats; you must disable the other file formats to compile a 12-bit cjpeg or djpeg. (install.txt has more information about that.) At present, a 12-bit library can handle *only* 12-bit images, not both precisions. (If you need to include both 8- and 12-bit libraries in a single application, you could probably do it by defining NEED_SHORT_EXTERNAL_NAMES for just one of the copies. You'd have to access the 8-bit and 12-bit copies from separate application source files. This is untested ... if you try it, we'd like to hear whether it works!)

Note that a 12-bit library always compresses in Huffman optimization mode, in order to generate valid Huffman tables. This is necessary because our default Huffman tables only cover 8-bit data. If you need to output 12-bit files in one pass, you'll have to supply suitable default Huffman tables. You may also want to supply your own DCT quantization tables; the existing quality-scaling code has been developed for 8-bit use, and probably doesn't generate especially good tables for 12-bit.

The maximum number of components (color channels) in the image is determined by MAX_COMPONENTS. The JPEG standard allows up to 255 components, but we expect that few applications will need more than four or so.

On machines with unusual data type sizes, you may be able to improve performance or reduce memory space by tweaking the various typedefs in jmorecfg.h. In particular, on some RISC CPUs, access to arrays of "short"s is quite slow; consider trading memory for speed by making JCOEF, INT16, and UINT16 be "int" or "unsigned int". UINT8 is also a candidate to become int. You probably don't want to make JSAMPLE be int unless you have lots of memory to burn.

You can reduce the size of the library by compiling out various optional functions. To do this, undefine xxx_SUPPORTED symbols as necessary.

You can also save a few K by not having text error messages in the library; the standard error message table occupies about 5Kb. This is particularly reasonable for embedded applications where there's no good way to display a message anyway. To do this, remove the creation of the message table (jpeg_std_message_table[]) from jerror.c, and alter format_message to do something reasonable without it. You could output the numeric value of the message code number, for example. If you do this, you can also save a couple more K by modifying the TRACEMSn() macros in jerror.h to expand to nothing; you don't need trace capability anyway, right?

Portability considerations
--------------------------

The JPEG library has been written to be extremely portable; the sample
applications cjpeg and djpeg are slightly less so. This section summarizes the design goals in this area. (If you encounter any bugs that cause the library to be less portable than is claimed here, we’d appreciate hearing about them.)

The code works fine on ANSI C, C++, and pre-ANSI C compilers, using any of the popular system include file setups, and some not-so-popular ones too. See install.txt for configuration procedures.

The code is not dependent on the exact sizes of the C data types. As distributed, we make the assumptions that

char is at least 8 bits wide
short is at least 16 bits wide
int is at least 16 bits wide
long is at least 32 bits wide

(These are the minimum requirements of the ANSI C standard.) Wider types will work fine, although memory may be used inefficiently if char is much larger than 8 bits or short is much bigger than 16 bits. The code should work equally well with 16- or 32-bit ints.

In a system where these assumptions are not met, you may be able to make the code work by modifying the typedefs in jmorecfg.h. However, you will probably have difficulty if int is less than 16 bits wide, since references to plain int abound in the code.

char can be either signed or unsigned, although the code runs faster if an unsigned char type is available. If char is wider than 8 bits, you will need to redefine JOCTET and/or provide custom data source/destination managers so that JOCTET represents exactly 8 bits of data on external storage.

The JPEG library proper does not assume ASCII representation of characters. But some of the image file I/O modules in cjpeg/djpeg do have ASCII dependencies in file-header manipulation; so does cjpeg’s select_file_type() routine.

The JPEG library does not rely heavily on the C library. In particular, C stdio is used only by the data source/destination modules and the error handler, all of which are application-replaceable. (cjpeg/djpeg are more heavily dependent on stdio.) malloc and free are called only from the memory manager "back end" module, so you can use a different memory allocator by replacing that one file.

The code generally assumes that C names must be unique in the first 15 characters. However, global function names can be made unique in the first 6 characters by defining NEED_SHORT_EXTERNAL_NAMES.

More info about porting the code may be gleaned by reading jconfig.txt, jmorecfg.h, and jinclude.h.
Notes for MS-DOS implementors
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The IJG code is designed to work efficiently in 80x86 "small" or "medium" memory models (i.e., data pointers are 16 bits unless explicitly declared "far"; code pointers can be either size). You may be able to use small model to compile cjpeg or djpeg by itself, but you will probably have to use medium model for any larger application. This won't make much difference in performance. You *will* take a noticeable performance hit if you use a large-data memory model (perhaps 10%-25%), and you should avoid "huge" model if at all possible.

The JPEG library typically needs 2Kb-3Kb of stack space. It will also malloc about 20K-30K of near heap space while executing (and lots of far heap, but that doesn't count in this calculation). This figure will vary depending on selected operating mode, and to a lesser extent on image size. There is also about 5Kb-6Kb of constant data which will be allocated in the near data segment (about 4Kb of this is the error message table). Thus you have perhaps 20K available for other modules' static data and near heap space before you need to go to a larger memory model. The C library's static data will account for several K of this, but that still leaves a good deal for your needs. (If you are tight on space, you could reduce the sizes of the I/O buffers allocated by jdatasrc.c and jdatadst.c, say from 4K to 1K. Another possibility is to move the error message table to far memory; this should be doable with only localized hacking on jerror.c.)

About 2K of the near heap space is "permanent" memory that will not be released until you destroy the JPEG object. This is only an issue if you save a JPEG object between compression or decompression operations.

Far data space may also be a tight resource when you are dealing with large images. The most memory-intensive case is decompression with two-pass color quantization, or single-pass quantization to an externally supplied color map. This requires a 128Kb color lookup table plus strip buffers amounting to about 40 bytes per column for typical sampling ratios (eg, about 25600 bytes for a 640-pixel-wide image). You may not be able to process wide images if you have large data structures of your own.

Of course, all of these concerns vanish if you use a 32-bit flat-memory-model compiler, such as DJGPP or Watcom C. We highly recommend flat model if you can use it; the JPEG library is significantly faster in flat model.

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/libjpeg.txt
No license file was found, but licenses were detected in source scan.
/*
 * ckconfig.c
 *
 * Copyright (C) 1991-1994, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/ckconfig.c
No license file was found, but licenses were detected in source scan.

/*
 * jccoefct.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * 
 * This file contains the coefficient buffer controller for compression.
 * This controller is the top level of the JPEG compressor proper.
 * The coefficient buffer lies between forward-DCT and entropy encoding steps.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jccoefct.c
No license file was found, but licenses were detected in source scan.

/*
 * jcarith.c
 *
 * Developed 1997-2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * 
 * This file contains portable arithmetic entropy encoding routines for JPEG
 * 
 * Both sequential and progressive modes are supported in this single module.
 * 
 * Suspension is not currently supported in this module.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcarith.c
No license file was found, but licenses were detected in source scan.

/
* jcomapi.c

* Copyright (C) 1994-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains application interface routines that are used for both compression and decompression.
* /

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcomapi.c

No license file was found, but licenses were detected in source scan.

/
* jfdctint.c
*
* Copyright (C) 1991-1996, Thomas G. Lane.
* Modification developed 2003-2009 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains a slow-but-accurate integer implementation of the forward DCT (Discrete Cosine Transform).
* A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT on each column. Direct algorithms are also available, but they are much more complex and seem not to be any faster when reduced to code.
* This implementation is based on an algorithm described in
* The primary algorithm described there uses 11 multiplies and 29 adds.
* We use their alternate method with 12 multiplies and 32 adds.
* The advantage of this method is that no data path contains more than one multiplication; this allows a very simple and accurate implementation in scaled fixed-point arithmetic, with a minimal number of shifts.
* We also provide FDCT routines with various input sample block sizes for direct resolution reduction or enlargement and for direct resolving the common 2x1 and 1x2 subsampling cases without additional resampling: NxN (N=1...16), 2NxN, and Nx2N (N=1...8) pixels for one 8x8 output DCT block.
* For N<8 we fill the remaining block coefficients with zero.
* For N>8 we apply a partial N-point FDCT on the input samples, computing just the lower 8 frequency coefficients and discarding the rest.
We must scale the output coefficients of the N-point FDCT appropriately to the standard 8-point FDCT level by 8/N per 1-D pass. This scaling is folded into the constant multipliers (pass 2) and/or final/initial shifting.

CAUTION: We rely on the FIX() macro except for the N=1,2,4,8 cases since there would be too many additional constants to pre-calculate.
Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdapistd.c
No license file was found, but licenses were detected in source scan.

/*
 * jquant1.c
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * This file contains 1-pass color quantization (color mapping) routines.
 * These routines provide mapping to a fixed color map using equally spaced
 * color values. Optional Floyd-Steinberg or ordered dithering is available.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jquant1.c
No license file was found, but licenses were detected in source scan.

/*
 * wrgif.c
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * This file contains routines to write output images in GIF format.
 *
**************************************************************************
* NOTE: to avoid entanglements with Unisys' patent on LZW compression,
* this code has been modified to output "uncompressed GIF" files.
* There is no trace of the LZW algorithm in this file.
**************************************************************************
*
* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume output to
* an ordinary stdio stream.
*/

/*
 * This code is loosely based on ppmgif from the PBMPLUS distribution
 * of Feb. 1991. That file contains the following copyright notice:
 * Based on GIFENCODE by David Rowley <mgardi@watdscu.waterloo.edu>.
 * Lempel-Ziv compression based on "compress" by Spencer W. Thomas et al.
 * Copyright (C) 1989 by Jef Poskanzer.
 * Permission to use, copy, modify, and distribute this software and its
 * documentation for any purpose and without fee is hereby granted, provided
 * that the above copyright notice appear in all copies and that both that
copyright notice and this permission notice appear in supporting
documentation. This software is provided "as is" without express or
implied warranty.

We are also required to state that
"The Graphics Interchange Format(c) is the Copyright property of
CompuServe Incorporated. GIF(sm) is a Service Mark property of
CompuServe Incorporated."
/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/wrgif.c
No license file was found, but licenses were detected in source scan.

IJG JPEG LIBRARY: CODING RULES

Copyright (C) 1991-1996, Thomas G. Lane.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

Since numerous people will be contributing code and bug fixes, it's important
to establish a common coding style. The goal of using similar coding styles
is much more important than the details of just what that style is.

In general we follow the recommendations of "Recommended C Style and Coding
Standards" revision 6.1 (Cannon et al. as modified by Spencer, Keppel and
Brader). This document is available in the IJG FTP archive (see

Block comments should be laid out thusly:

/*
*  Block comments in this style.
*/

We indent statements in K&R style, e.g.,
if (test) {
    then-part;
} else {
    else-part;
}
with two spaces per indentation level. (This indentation convention is
handled automatically by GNU Emacs and many other text editors.)

Multi-word names should be written in lower case with underscores, e.g.,
multi_word_name (not multiWordName). Preprocessor symbols and enum constants
are similar but upper case (MULTI_WORD_NAME). Names should be unique within
the first fifteen characters. (On some older systems, global names must be unique within six characters. We accommodate this without cluttering the source code by using macros to substitute shorter names.)

We use function prototypes everywhere; we rely on automatic source code transformation to feed prototype-less C compilers. Transformation is done by the simple and portable tool 'ansi2knr.c' (courtesy of Ghostscript). ansi2knr is not very bright, so it imposes a format requirement on function declarations: the function name MUST BEGIN IN COLUMN 1. Thus all functions should be written in the following style:

```c
LOCAL(int *)
function_name (int a, char *b)
{
    code...
}
```

Note that each function definition must begin with GLOBAL(type), LOCAL(type), or METHODDEF(type). These macros expand to "static type" or just "type" as appropriate. They provide a readable indication of the routine's usage and can readily be changed for special needs. (For instance, special linkage keywords can be inserted for use in Windows DLLs.)

ansi2knr does not transform method declarations (function pointers in structs). We handle these with a macro JMETHOD, defined as

```c
#ifdef HAVE_PROTOTYPES
#define JMETHOD(type,methodname,arglist)  type (*methodname) arglist
#else
#define JMETHOD(type,methodname,arglist)  type (*methodname) ()
#endif
```

which is used like this:

```c
struct function_pointers {
    JMETHOD(void, init_entropy_encoder, (int somearg, jparms *jp));
    JMETHOD(void, term_entropy_encoder, (void));
};
```

Note the set of parentheses surrounding the parameter list.

A similar solution is used for forward and external function declarations (see the EXTERN and JPP macros).

If the code is to work on non-ANSI compilers, we cannot rely on a prototype declaration to coerce actual parameters into the right types. Therefore, use explicit casts on actual parameters whenever the actual parameter type is not identical to the formal parameter. Beware of implicit conversions to "int".

It seems there are some non-ANSI compilers in which the sizeof() operator is defined to return int, yet size_t is defined as long. Needless to say, this is brain-damaged. Always use the SIZEOF() macro in place of sizeof(),
so that the result is guaranteed to be of type size_t.

The JPEG library is intended to be used within larger programs. Furthermore, we want it to be reentrant so that it can be used by applications that process multiple images concurrently. The following rules support these requirements:

1. Avoid direct use of file I/O, "malloc", error report printouts, etc; pass these through the common routines provided.

2. Minimize global namespace pollution. Functions should be declared static wherever possible. (Note that our method-based calling conventions help this a lot: in many modules only the initialization function will ever need to be called directly, so only that function need be externally visible.) All global function names should begin with "jpeg_", and should have an abbreviated name (unique in the first six characters) substituted by macro when NEED_SHORT_EXTERNAL_NAMES is set.

3. Don't use global variables; anything that must be used in another module should be in the common data structures.

4. Don't use static variables except for read-only constant tables. Variables that should be private to a module can be placed into private structures (see the system architecture document, structure.txt).

5. Source file names should begin with "j" for files that are part of the library proper; source files that are not part of the library, such as cjpeg.c and djpeg.c, do not begin with "j". Keep source file names to eight characters (plus ".c" or ".h", etc) to make life easy for MS-DOSers. Keep compression and decompression code in separate source files --- some applications may want only one half of the library.

Note: these rules (particularly #4) are not followed religiously in the modules that are used in cjpeg/djpeg but are not part of the JPEG library proper. Those modules are not really intended to be used in other applications.

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/coderules.txt

No license file was found, but licenses were detected in source scan.

/*
 * jcmainct.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 */
* This file contains the main buffer controller for compression.
* The main buffer lies between the pre-processor and the JPEG converter;
  it holds downsized data in the JPEG colorspace.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcmainct.c
No license file was found, but licenses were detected in source scan.

/
* jdhuff.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains Huffman entropy decoding routines.
* Both sequential and progressive modes are supported in this single module.
* Much of the complexity here has to do with supporting input suspension.
* If the data source module demands suspension, we want to be able to back
  up to the start of the current MCU. To do this, we copy state variables
  into local working storage, and update them back to the permanent
  storage only upon successful completion of an MCU.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdhuff.c
No license file was found, but licenses were detected in source scan.

/
* jfdctflt.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains a floating-point implementation of the
  forward DCT (Discrete Cosine Transform).
* This implementation should be more accurate than either of the integer
  DCT implementations. However, it may not give the same results on all
  machines because of differences in roundoff behavior. Speed will depend
  on the hardware's floating point capacity.
* A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
* on each column. Direct algorithms are also available, but they are
* much more complex and seem not to be any faster when reduced to code.
*
* This implementation is based on Arai, Agui, and Nakajima's algorithm for
* scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
* Japanese, but the algorithm is described in the Pennebaker & Mitchell
* JPEG textbook (see REFERENCES section in file README). The following code
* is based directly on figure 4-8 in P&M.
* While an 8-point DCT cannot be done in less than 11 multiplies, it is
* possible to arrange the computation so that many of the multiplies are
* simple scalings of the final outputs. These multiplies can then be
* folded into the multiplications or divisions by the JPEG quantization
* table entries. The AA&N method leaves only 5 multiplies and 29 adds
* to be done in the DCT itself.
* The primary disadvantage of this method is that with a fixed-point
* implementation, accuracy is lost due to imprecise representation of the
* scaled quantization values. However, that problem does not arise if
* we use floating point arithmetic.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jfdctflt.c
No license file was found, but licenses were detected in source scan.

/*
 * jdct.h
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This include file contains common declarations for the forward and
 * inverse DCT modules. These declarations are private to the DCT managers
 * (jcdctmgr.c, jdctmgr.c) and the individual DCT algorithms.
 * The individual DCT algorithms are kept in separate files to ease
 * machine-dependent tuning (e.g., assembly coding).
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdct.h
No license file was found, but licenses were detected in source scan.

/*
 * jdmarker.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modified 2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains routines to decode JPEG datastream markers.
* Most of the complexity arises from our desire to support input
* suspension: if not all of the data for a marker is available,
* we must exit back to the application. On resumption, we reprocess
* the marker.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdmarker.c
No license file was found, but licenses were detected in source scan.

/*
 * jquant2.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * 
 * This file contains 2-pass color quantization (color mapping) routines.
 * These routines provide selection of a custom color map for an image,
 * followed by mapping of the image to that color map, with optional
 * Floyd-Steinberg dithering.
 * It is also possible to use just the second pass to map to an arbitrary
 * externally-given color map.
 * 
 * Note: ordered dithering is not supported, since there isn't any fast
 * way to compute intercolor distances; it's unclear that ordered dither's
 * fundamental assumptions even hold with an irregularly spaced color map.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jquant2.c
No license file was found, but licenses were detected in source scan.

/*
 * jcinit.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * 
 * This file contains initialization logic for the JPEG compressor.
 * This routine is in charge of selecting the modules to be executed and
 * making an initialization call to each one.
 * 
 * Logically, this code belongs in jcmaster.c. It's split out because
* linking this routine implies linking the entire compression library.
* For a transcoding-only application, we want to be able to use jcmaster.c
* without linking in the whole library.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcinit.c

No license file was found, but licenses were detected in source scan.

/*
 * jinclude.h
 *
 * Copyright (C) 1991-1994, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file exists to provide a single place to fix any problems with
 * including the wrong system include files.  (Common problems are taken
 * care of by the standard jconfig symbols, but on really weird systems
 * you may have to edit this file.)
 *
 * NOTE: this file is NOT intended to be included by applications using the
 * JPEG library.  Most applications need only include jpeglib.h.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jinclude.h

No license file was found, but licenses were detected in source scan.

/*
 * jcsample.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains downsampling routines.
 *
 * Downsampling input data is counted in "row groups".  A row group
 * is defined to be max_v_samp_factor pixel rows of each component,
 * from which the downsampler produces v_samp_factor sample rows.
 * A single row group is processed in each call to the downsampler module.
 *
 * The downsampler is responsible for edge-expansion of its output data
 * to fill an integral number of DCT blocks horizontally. The source buffer
 * may be modified if it is helpful for this purpose (the source buffer is
 * allocated wide enough to correspond to the desired output width).
 * The caller (the prep controller) is responsible for vertical padding.
* The downsampler may request "context rows" by setting need_context_rows
* during startup. In this case, the input arrays will contain at least
* one row group's worth of pixels above and below the passed-in data;
* the caller will create dummy rows at image top and bottom by replicating
* the first or last real pixel row.
*
* An excellent reference for image resampling is
*
* The downsampling algorithm used here is a simple average of the source
* pixels covered by the output pixel. The hi-falutin sampling literature
* refers to this as a "box filter". In general the characteristics of a box
* filter are not very good, but for the specific cases we normally use (1:1
* and 2:1 ratios) the box is equivalent to a "triangle filter" which is not
* nearly so bad. If you intend to use other sampling ratios, you'd be well
* advised to improve this code.
*
* A simple input-smoothing capability is provided. This is mainly intended
* for cleaning up color-dithered GIF input files (if you find it inadequate,
* we suggest using an external filtering program such as pnmconvol). When
* enabled, each input pixel P is replaced by a weighted sum of itself and its
* eight neighbors. P's weight is 1-8*SF and each neighbor's weight is SF,
* where SF = (smoothing_factor / 1024).
* Currently, smoothing is only supported for 2h2v sampling factors.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcsample.c
No license file was found, but licenses were detected in source scan.

/*
* rdcolmap.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file implements djpeg's "-map file" switch. It reads a source image
* and constructs a colormap to be supplied to the JPEG decompressor.
*
* Currently, these file formats are supported for the map file:
* GIF: the contents of the GIF's global colormap are used.
* PPM (either text or raw flavor): the entire file is read and
* each unique pixel value is entered in the map.
* Note that reading a large PPM file will be horrendously slow.
* Typically, a PPM-format map file should contain just one pixel
* of each desired color. Such a file can be extracted from an
* ordinary image PPM file with ppmtomap(1).
*
* Rescaling a PPM that has a maxval unequal to MAXJSAMPLE is not
* currently implemented.
*/

/* Portions of this code are based on the PBMPLUS library, which is:
**
** Copyright (C) 1988 by Jef Poskanzer.
**
** Permission to use, copy, modify, and distribute this software and its
documentation for any purpose and without fee is hereby granted, provided
that the above copyright notice appear in all copies and that both that
copyright notice and this permission notice appear in supporting
documentation. This software is provided "as is" without express or
implied warranty.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/rdcolmap.c
No license file was found, but licenses were detected in source scan.

/*
* jmemnobs.c
*
* Copyright (C) 1992-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file provides a really simple implementation of the system-
dependent portion of the JPEG memory manager. This implementation
* assumes that no backing-store files are needed: all required space
* can be obtained from malloc().
* This is very portable in the sense that it'll compile on almost anything,
* but you'd better have lots of main memory (or virtual memory) if you want
* to process big images.
* Note that the max_memory_to_use option is ignored by this implementation.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jmemnobs.c
No license file was found, but licenses were detected in source scan.

/*
* jdinput.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2002-2009 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains input control logic for the JPEG decompressor.
* These routines are concerned with controlling the decompressor's input
* processing (marker reading and coefficient decoding). The actual input
* reading is done in jdmarker.c, jdhuff.c, and jdarith.c.
*/

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdinput.c
No license file was found, but licenses were detected in source scan.

/*
 * jcmaster.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains master control logic for the JPEG compressor.
 * These routines are concerned with parameter validation, initial setup,
 * and inter-pass control (determining the number of passes and the work
 * to be done in each pass).
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jcmaster.c
No license file was found, but licenses were detected in source scan.

/*
 * rdjpgcom.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * Modified 2009 by Bill Allombert, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a very simple stand-alone application that displays
 * the text in COM (comment) markers in a JFIF file.
 * This may be useful as an example of the minimum logic needed to parse
 * JPEG markers.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/rdjpgcom.c
/*
 * jdatadst.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modified 2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains compression data destination routines for the case of
 * emitting JPEG data to memory or to a file (or any stdio stream).
 * While these routines are sufficient for most applications,
 * some will want to use a different destination manager.
 * IMPORTANT: we assume that fwrite() will correctly transcribe an array of
 * JOCTETs into 8-bit-wide elements on external storage. If char is wider
 * than 8 bits on your machine, you may need to do some tweaking.
 */

Found in path(s):
* /opt/cola/permits/161014486_1646171445.16/0/jpeg-8c-zip/jpeg-8c/jdatadst.c

1.503 lucene-memory 7.4.0
1.503.1 Available under license :

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"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

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## 1.505 httpcore-nio 4.4.5

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<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1">
<meta name="description" content="Home page of The Apache Software Foundation">
<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
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<link rel="icon" type="image/png" href="/favicons/favicon-96x96.png" sizes="96x96">
<link rel="icon" type="image/png" href="/favicons/android-chrome-192x192.png" sizes="192x192">
<link rel="manifest" href="/favicons/manifest.json">
<link rel="shortcut icon" href="/favicons/favicon.ico">
<meta name="msapplication-TileColor" content="#603cba">
<meta name="msapplication-TileImage" content="/favicons/mstile-144x144.png">
<meta name="msapplication-config" content="/favicons/browserconfig.xml">
<meta name="theme-color" content="#303284">
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<link href="/css/styles.css" rel='stylesheet' type='text/css' media="all" />

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</head>

<body>

<!-- Navigation -->

<header>

<nav class="navbar navbar-default navbar-fixed-top">

<div class="container">

<div class="navbar-header">

<button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">

<span class="sr-only">Toggle navigation</span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

<span class="icon-bar"></span>

</button>

<a href="" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>

</div>

<div class="collapse navbar-collapse" id="mainnav-collapse">

<div style="line-height:20px; padding-top:5px; float:left"><a href="/">Home</a>&nbsp;&raquo&nbsp;<a href="/licenses/">Licenses</a></div>

<ul class="nav navbar-nav navbar-right">

<li class="dropdown">

<a href="/foundation/" class="dropdown-toggle" data-toggle="dropdown">About <span class="caret"></span></a>

<ul class="dropdown-menu" role="menu">

<li><a href="/foundation/overview.html">Overview</a></li>

<li><a href="/foundation/members.html">Members</a></li>

<li><a href="/foundation/how-it-works.html">Process</a></li>

<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>

<li><a href="/foundation/glossary.html">Glossary</a></li>

<li><a href="/foundation/faq.html">FAQ</a></li>

<li><a href="/foundation/contact.html">Contact</a></li>

</ul>

</li>

<li><a href="/projects/">Projects</a></li>

<li class="dropdown">

<a href="/people/" class="dropdown-toggle" data-toggle="dropdown">People <span class="caret"></span></a>

<ul class="dropdown-menu" role="menu">

<li><a href="http://people.apache.org/">Overview</a></li>


<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>

<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>

<li><a href="http://planet.apache.org/">Planet Apache</a></li>

</ul>

</li>

</ul>

</div>

</div>

</nav>

</header>

</body>
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1.508 golang-snappy 0.0.2

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1.509 netty-codec 4.1.32.Final

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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-jar/io/netty/handler/codec/DateFormatter.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
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/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
* 
*/

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*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/ValueConverter.java
*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/CharSequenceValueConverter.java
*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/DefaultHeadersImpl.java

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jar/io/netty/handler/codec/protoBuf/ProtobufEncoderNano.java
*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/protoBuf/ProtobufEncoder.java
*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/protoBuf/ProtocolDetectionResult.java
*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/protoBuf/Varint32FrameDecoder.java
*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/protoBuf/Varint32LengthFieldPrepender.java
*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/UnsupportedValueConverter.java
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jar/io/netty/handler/codec/HeaderUtil.java
*/opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
jar/io/netty/handler/codec/ProtocolDetectionState.java
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* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2-
  jar/io/netty/handler/codec/DefaultHeaders.java
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 */

/**
 * Utility class for {@link ByteBuf} that encodes and decodes to and from
 * <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
 * 
 * The encoding and decoding algorithm in this class has been derived from
 * Robert Harder's Public Domain Base64 Encoder/Decoder.
 */

/*

Found in path(s):
*/
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2.jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2.jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2.jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2.jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2.jar/io/netty/handler/codec/MessageToMessageCodec.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2.jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /opt/cola/permits/1110674866_1606843795.88/0/netty-codec-4-1-32-final-sources-2.jar/io/netty/handler/codec/MessageToMessageDecoder.java
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 */
/**
 * A decoder that splits the received {@link ByteBuf}s dynamically by the
 * value of the length field in the message. It is particularly useful when you
decode a binary message which has an integer header field that represents the
length of the message body or the whole message.

[@link LengthFieldBasedFrameDecoder] has many configuration parameters so
that it can decode any message with a length field, which is often seen in
proprietary client-server protocols. Here are some example that will give
you the basic idea on which option does what.

<h3>2 bytes length field at offset 0, do not strip header</h3>

The value of the length field in this example is <tt>12 (0x0C)</tt> which
represents the length of "HELLO, WORLD". By default, the decoder assumes
that the length field represents the number of the bytes that follows the
length field. Therefore, it can be decoded with the simplistic parameter
combination.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 0 (= do not strip header)
```

BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
```
|        | Actual Content |        | Actual Content |
|----------------+----------------+--------|----------------|
| 0x000C | "HELLO, WORLD" | 0x000C | "HELLO, WORLD" |
```

<h3>2 bytes length field at offset 0, strip header</h3>

Because we can get the length of the content by calling
[@link ByteBuf#readableBytes()], you might want to strip the length
field by specifying <tt>initialBytesToStrip</tt>. In this example, we
specified <tt>2</tt>, that is same with the length of the length field, to
strip the first two bytes.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = 0
initialBytesToStrip = 2 (= the length of the Length field)
```

BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)
```
|        | Actual Content |        | Actual Content |
|----------------+----------------+--------|----------------|
| 0x000C | "HELLO, WORLD" |        | "HELLO, WORLD" |
```


2 bytes length field at offset 0, do not strip header, the length field
represents the length of the whole message

In most cases, the length field represents the length of the message body
only, as shown in the previous examples. However, in some protocols, the
length field represents the length of the whole message, including the
message header. In such a case, we specify a non-zero
<tt>lengthAdjustment</tt>. Because the length value in this example message
is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt> for compensation.

```
lengthFieldOffset   = 0
lengthFieldLength   = 2
lengthAdjustment    = -2
initialBytesToStrip = 0

BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
+--------+----------------+      +--------+----------------+
| Length | Actual Content |----->| Length | Actual Content |
| 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
+--------+----------------+      +--------+----------------+
```

3 bytes length field at the end of 5 bytes header, do not strip header

The following message is a simple variation of the first example. An extra
header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
again because the decoder always takes the length of the prepended data into
account during frame length calculation.

```
lengthFieldOffset   = 2
lengthFieldLength   = 3
lengthAdjustment    = 0
initialBytesToStrip = 0

BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
+----------+----------+----------------+      +----------+----------+----------------+
| Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
| 0xCAFE  | 0x00000C | "HELLO, WORLD" |      | 0xCAFE  | 0x00000C | "HELLO, WORLD" |
+----------+----------+----------------+      +----------+----------+----------------+
```

3 bytes length field at the beginning of 5 bytes header, do not strip header

This is an advanced example that shows the case where there is an extra
header between the length field and the message body. You have to specify a
positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
header into the frame length calculation.
* lengthFieldOffset = 0
* lengthFieldLength = 3
* lengthAdjustment = 2 (= the length of Header 1)
* initialBytesToStrip = 0

* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
| Length | Header 1 | Actual Content |----->| Length | Header 1 | Actual Content |
| 0x00000C | 0xCAFE | "HELLO, WORLD" |      | 0x00000C | 0xCAFE | "HELLO, WORLD" |
* +----------+----------+----------------+

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +----------+----------+----------+--
| HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
| 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +----------+----------+----------+

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +----------+----------+
| HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
| 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +----------+----------+

* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the lengthFieldOffset and the extra
* header affects the lengthAdjustment. We also specified a non-zero
* initialBytesToStrip to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify initialBytesToSkip for initialBytesToSkip.

* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* lengthAdjustment = 1 (= the length of HDR2)
* initialBytesToStrip = 3 (= the length of HDR1 + LEN)

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +----------+----------+----------+
| HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
| 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +----------+----------+----------+

* BEGINS DECODE (2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field</h3>
* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the lengthFieldOffset and the extra
* header affects the lengthAdjustment. We also specified a non-zero
* initialBytesToStrip to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify initialBytesToSkip for initialBytesToSkip.

* lengthFieldOffset = 1 (= the length of HDR1)
* lengthFieldLength = 2
* lengthAdjustment = 1 (= the length of HDR2)
* initialBytesToStrip = 3 (= the length of HDR1 + LEN)

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +----------+----------+----------+
| HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
| 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +----------+----------+----------+

* lengthFieldOffset = 1
* lengthFieldLength = 2
* <b>lengthAdjustment</b> = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>

* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
  +----------------+----------------+      +----------------+----------------+
  | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
  | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
  +----------------+----------------+      +----------------+----------------+
  */

@see LengthFieldPrepender
*/

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1.510 plexus-i18n 1.0-beta-7

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1.511 artemis-stomp-protocol 2.6.3.jbossorg-001

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1.519 python 2.7.5-89.el7

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
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releases have also been GPL-compatible; the table below summarizes
the various releases.

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.520 urllib3 1.25.7

1.520.1 Available under license:

# Contributions to the urllib3 project

## Creator & Maintainer

* Andrey Petrov <andrey.petrov@shazow.net>

## Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
* Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
* Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.
* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
  * App Engine environment tests.
  * Documentation re-write.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
  * Creation of `HTTPConnectionPool.ResponseCls`.
* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <javydb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>  
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in ```stream``` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
* Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vending

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
  * Fix `util.selectors._fileobj_to_fd` to accept `long`.
  * Update appveyor tox setup to use the 64bit python.

* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite

* Will Bond <will@wbond.net>
  * Add Python 2.6 support to `contrib.securetransport`

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add `HTTPResponse.geturl` method to provide `urlib2.urlopen().geturl()` behavior

* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
  * Bugfix for responses with Content-Type: message/* logging warnings
* Justin Bramley <https://github.com/jbramleycl>
* Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
* Remove Authorization header regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
* Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
* Remove a spurious TypeError from the exception chain inside
  HTTPConnectionPool._make_request(), also for BaseExceptions.

* [Your name or handle] <[email or website]>
* [Brief summary of your changes]

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package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

    /**
     * Indicates that this permission has been allocated by default.
     * Authorization View handlers may use this property in order to restrict
     * the list of scopes which may be refused to non-default scopes only
     * @param isDefault
     */

*/
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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 * Marker interface for OutputStreams that can directly support copy from an input stream. OutputStreams that maintain their own byte buffer or similar may be able to optimize the copy instead of using the read/write into a temporary buffer that the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {
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1.538 wildfly-clustering-ejb-spi 14.0.1.Final

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1.540 jackson-databind 2.9.8

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# Jackson JSON processor

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The rk_random and rk_seed functions algorithms and the original design of the Mersenne Twister RNG:

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Original algorithm for the implementation of rk_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the rk_double implementation by Isaku Wada.

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1.548 jbossinterceptorsapi 1.0.1.Final

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VERSION: 2.1 PoliMorf
BUILD: 2016-02-13 19:37:51+01:00
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NekoHTML is written using the Xerces Native Interface (XNI) that is the foundation of the Xerces2 implementation. This enables you to use the NekoHTML parser with existing XNI tools without modification or rewriting code.
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1.551 jackson 2.2.1

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.soloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported
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1.552 certifi 2021.10.8

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication. Just configure this file as the SSLCACertificateFile.

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
1.553 go-connections v0.3.0
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2000-05-05

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analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,

The German, Spanish, Finnish, French, Hungarian, Italian, Portuguese, Russian and Swedish light stemmers (common) are based on BSD-licensed reference implementations created by Jacques Savoy and Ljiljana Dolamic. These files reside in:

```
analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java
```

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.

See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smartcn) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

```
WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/)
```

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The Morfologik analyzer (morfologik) includes BSD-licensed software developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

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```
Morfologic includes data from BSD-licensed dictionary of Polish (SGJP)
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Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original source code for this can be found at http://www.eclipse.org/jetty/downloads.php

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Nori Korean Morphological Analyzer - Apache Lucene Integration
===========================================================================

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mecab-ko-dic-2.0.3-20170922

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1.563 tracker 1.10.5 8.el7

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```
SELECT ?legal
WHERE { ?x nie:legal ?legal }
ORDER BY ?legal
```

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Tracker-Firefox - Tracker addon that exports data to Firefox

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* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/schema/ApiModelPropertyPropertyBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/common/SwaggerPluginSupport.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/configuration/SwaggerCommonConfiguration.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/ResponseHeaders.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/web/ApiKeyVehicle.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/parameter/ParameterAnnotationReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/web/SwaggerResourcesProvider.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/schema/ApiModelBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/web/UiConfigurationBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/web/TagsSorter.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/web/OperationsSorter.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/web/SecurityConfigurationBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/web/DocExpansion.java

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  jar/springfox/documentation/swagger/web/UiConfiguration.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2.9.2-sources-3-
  jar/springfox/documentation/swagger/web/XForwardPrefixPathAdjuster.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2.9.2-sources-3-
  jar/springfox/documentation/swagger/web/SwaggerResource.java

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  jar/springfox/documentation/swagger/common/HostNameProvider.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
  jar/springfox/documentation/swagger/web/ApiResourceController.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
  jar/springfox/documentation/swagger/readers/operation/SwaggerOperationResponseClassReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
  jar/springfox/documentation/swagger/readers/operation/SwaggerResponseMessageReader.java

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* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
  jar/springfox/documentation/swagger/readers/operation/OperationTagsReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
  jar/springfox/documentation/swagger/annotations/Annotations.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/VendorExtensionsReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/OperationNotesReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/OperationPositionReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/OperationAuthReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/SwaggerMediaTypeReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/OperationSummaryReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/OperationHttpMethodReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/SwaggerOperationModelsProvider.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/operation/OperationNicknameIntoUniqueIdReader.java

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jar/springfox/documentation/swagger/common/SpringVersionCapability.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
jar/springfox/documentation/swagger/readers/parameter/Examples.java

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  jar/springfox/documentation/swagger/readers/operation/OperationImplicitParameterReader.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
  jar/springfox/documentation/swagger/readers/parameter/SwaggerExpandedParameterBuilder.java
* /opt/cola/permits/1177939685_1625570697.96/0/springfox-swagger-common-2-9-2-sources-3-
  jar/springfox/documentation/swagger/readers/parameter/ApiParamParameterBuilder.java

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 */
/**
 * Set the { @code TCP_MD5SIG} option on the socket. See { @code linux/tcp.h} for more details.
 * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
 * Allowing them being read would mean anyone with access to the channel could get them.
 */
/**
 * Set the { @code TCP_QUICKACK} option on the socket. See <a

Set the \{\texttt{TCP\_MD5SIG}\} option on the socket. See \{\texttt{linux/tcp.h}\} for more details.

* Keys can only be set on, not read to prevent a potential leak, as they are confidential.
* Allowing them being read would mean anyone with access to the channel could get them.
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* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java
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* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/EpollServerChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/EpollChannelConfig.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1.45-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
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* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4-1-45-final-sources-
jar/io/netty/channel/epoll/EpollDatagramChannel.java
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jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
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jar/io/netty/channel/epoll/EpollEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1-45-final-sources-jar/io/netty/channel/epoll/EpollTcpInfo.java
* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1-45-final-sources-jar/io/netty/channel/epoll/EpollEventLoop.java
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* /opt/ws_local/PERMITS_SQL/1074832144_1595959525.4/0/netty-transport-native-epoll-4.1-45-final-sources-jar/io/netty/channel/epoll/EpollChannelOption.java

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Zstd-jni: JNI bindings to Zstd Library

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1.588 gnome-desktop 3.28.2 2.el7
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#
# Jorge Gonzalez <jorgegonz@svn.gnome.org>, 2007.
# Daniel Mustieles <daniel.mustieles@gmail.com>, 2012, 2015.
#
msgid ""
msgstr ""
"Project-Id-Version: desktop-fdl.HEAD.es\n"
"Report-Msgid-Bugs-To: \\
"
"POT-Creation-Date: 2015-08-18 06:50+0000\n"
"PO-Revision-Date: 2015-08-18 13:59+0200\n"
"Last-Translator: Daniel Mustieles <daniel.mustieles@gmail.com>\n"
"Language-Team: Espaol; Castellano <gnome-es-list@gnome.org>\n"
"Language: es\n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=UTF-8\n"
"Content-Transfer-Encoding: 8bit\n"
"Plural-Forms: nplurals=2; plural=(n != 1)\n"
"X-Generator: Gtranslator 2.91.6\n"

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
msgidtx "_" msgid "translator-credits"
msgstr ""
"Daniel Mustieles <daniel.mustieles@gmail.com>, 2012 - 2015\n"
"Francisco Javier F. Serrador <serrador@cvs.gnome.org>"

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#: C/index.docbook:17
msgid "GNU Free Documentation License"
msgstr "GNU Free Documentation License"

#. (itstool) path: articleinfo/releaseinfo
#: C/index.docbook:18
msgid "Version 1.1, March 2000"
msgstr "Versin 1.1 Marzo 2000"
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#: C/index.docbook:97
msgid "APPLICABILITY AND DEFINITIONS"
msgstr "APLICACIÓN y DEFINICIONES"

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#: C/index.docbook:107
msgid ""
msgstr ""A <quote>Modified Version</quote> of the Document means any work containing "
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#: C/index.docbook:114
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msgstr ""Una <quote>Versión Modificada</quote> del Documento significa cualquier "
"trabajo que contenga el Documento o una porción del mismo, ya sea una copia "
"literal o con modificaciones y/o traducciones a otro idioma."
"them."
msgstr ""
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#: C/index.docbook:129
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formatters or for automatic translation to a variety of formats suitable for
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"<quote>Transparent</quote> is called <quote>Opaque</quote>.
msgstr ""
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Como ejemplos de formatos adecuados para copias Transparentes estn ASCII 
"puro sin marcaje, formato de entrada de Texinfo, formato de entrada de 
"LaTeX, SGML o XML usando una DTD disponible piblicamente, y HTML, PostScript 
"o PDF simples, que sigan los estndares y diseos para que los modifiquen 
"personas.Los formatos Opacos incluyen formatos propietarios que pueden ser 
"ledos y editados nicamente en procesadores de textos propietarios, SGML o 
"XML para los cules las DTD y/o herramientas de procesamiento no estn 
"ampliamente disponibles, y HTML, PostScript o PDF generados por algunos 
"procesadores de textos slo como salida.

The <quote>Title Page</quote> means, for a printed book, the title page 
"itself, plus such following pages as are needed to hold, legibly, the 

"material this License requires to appear in the title page. For works in "
"formats which do not have any title page as such, <quote>Title Page</quote> "
"means the text near the most prominent appearance of the work's title, "
"preceding the beginning of the body of the text."

msgid "" msgstr ""

" La <quote>Portada</quote> significa, en un libro impreso, la pagina de "
"titulo, ms las paginas siguientes que sean necesarias para mantener "
"legiblemente el material que esta Licencia requiere en la portada. Para "
"trabajos en formatos que no tienen pagina de portada como tal, "
"<quote>Portada</quote>significa el texto cercano a la aparicion ms "
"prominente del titulo del trabajo, precediendo el comienzo del cuerpo del "
"texto."

#. (itstool) path: sect1/title
#: C/index.docbook:188
msgid "VERBATIM COPYING"
msgstr "COPIA LITERAL"

#. (itstool) path: sect1/para
#: C/index.docbook:189
msgid ""

"You may copy and distribute the <link linkend="fdl-document">Document</link> in any medium, either commercially or noncommercially, provided that "
"this License, the copyright notices, and the license notice saying this "
"License applies to the Document are reproduced in all copies, and that you "
"add no other conditions whatsoever to those of this License. You may not use "
"technical measures to obstruct or control the reading or further copying of "
"the copies you make or distribute. However, you may accept compensation in "
"exchange for copies. If you distribute a large enough number of copies you "
"must also follow the conditions in <link linkend="fdl-section3">section 3</link>.
"link>."

msgid ""

"Usted puede copiar y distribuir el <link linkend="fdl-document">Documento</link> en cualquier medio, sea en forma comercial o no, siempre y cuando "
"proporcione esta Licencia, las notas de copyright y la nota que indica que "
"esta Licencia se aplica al Documento reproduciéndola en todas las copias y "
"que usted no aña ninguna otra condición a las expuestas en esta Licencia. "
"Usted no puede usar medidas técnicas para obstruir o controlar la lectura o "
"copia posterior de las copias que usted haga o distribuya. Sin embargo, "
"usted puede aceptar compensación a cambio de las copias. Si distribuye un "
"número suficientemente grande de copias también deberá seguir las "
"condiciones de la <link linkend="fdl-section3">sección 3</link>.
"link>."

#. (itstool) path: sect1/para
#: C/index.docbook:204
msgid ""

"You may also lend copies, under the same conditions stated above, and you "
"may publicly display copies."
Usted también puede prestar copias, bajo las mismas condiciones establecidas anteriormente, y puede exhibir copias públicamente.

Si publica copias impresas del Documento que sobrepasan las 100, y la nota de licencia del Documento exige Textos de Cubierta, debe incluirlas. Copias con cubiertas que lleven en forma clara y legible todos esos Textos de Cubierta: Textos de Cubierta Delantera en la cubierta delantera y Textos de Cubierta Trasera en la cubierta trasera. Ambas cubiertas deben identificarlo a Usted clara y legiblemente como editor de tales copias. La cubierta debe mostrar el título completo con todas las palabras igualmente prominentes y visibles. Además puede aadir otro material en las cubiertas. Las copias con cambios limitados a las cubiertas, siempre que conserven el título del Documento y satisfagan estas condiciones, pueden considerarse como copias literales en todos los aspectos.
If you publish or distribute <link linkend="fdl-transparent">Opaque</link> copies of the <link linkend="fdl-document">Document</link> numbering more than 100, you must either include a machine-readable <link linkend="fdl-transparent">Transparent</link> copy along with each Opaque copy, or state "in or with each Opaque copy a publicly-accessible computer-network location "containing a complete Transparent copy of the Document, free of added "material, which the general network-using public has access to download "anonymously at no charge using public-standard network protocols. If you use "the latter option, you must take reasonably prudent steps, when you begin "distribution of Opaque copies in quantity, to ensure that this Transparent "copy will remain thus accessible at the stated location until at least one "year after the last time you distribute an Opaque copy (directly or through "your agents or retailers) of that edition to the public.

It is requested, but not required, that you contact the authors of the <link linkend="fdl-document">Document</link> well before redistributing any "large number of copies, to give them a chance to provide you with an updated "version of the Document.

Se solicita, aunque no es requisito, que se ponga en contacto con los "autores del <link linkend="fdl-document">Documento</link> antes de "redistribuir gran número de copias, para darles la oportunidad de que le "proporcionen una versión actualizada del Documento."
You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:

- Use in the Title Page (and on the covers, if any) a title distinct from that of the Document, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission.

- List on the Title Page, as authors, one or more persons or entities responsible for authorship of the modifications in the Modified Version, together with at least five of the principal authors of the Document.
Document (all of its principal authors, if it has "less than five)."

msgid ""
msgstr ""
"Listar en la <link linkend="fdl-title-page">Portada</link>, como autores, " una o más personas o entidades responsables de la autora de las " modificaciones de la <link linkend="fdl-modified">Versión Modificada</link>, junto con por lo menos cinco de los autores principales del <link linkend="fdl-document">Documento</link> (todos sus autores principales, si " hay menos de cinco), a menos que le eximen de tal requisito."

#. (itstool) path: listitem/para
#: C/index.docbook:307
msgid ""
msgstr ""
"State on the <link linkend="fdl-title-page">Title Page</link> the name of " the publisher of the <link linkend="fdl-modified">Modified Version</link>, " as the publisher."

msgid ""
msgstr ""
"Mostrar en la <link linkend="fdl-title-page">Portada</link> como editor " el nombre del editor de la <link linkend="fdl-modified">Versión Modificada</link>"

#. (itstool) path: listitem/para
#: C/index.docbook:316
msgid ""
msgstr ""
"Preserve all the copyright notices of the <link linkend="fdl-document">Document</link>.
"

msgid ""
msgstr ""
"Conservar todas las notas de copyright del <link linkend="fdl-document">Documento</link>."

#. (itstool) path: listitem/para
#: C/index.docbook:323
msgid ""
msgstr ""
"Add an appropriate copyright notice for your modifications adjacent to the " other copyright notices."

msgid ""
msgstr ""
"Añadir una nota de copyright apropiada a sus modificaciones, adyacente a las " otras notas de copyright."

#. (itstool) path: listitem/para
#: C/index.docbook:330
msgid ""
msgstr ""
"Include, immediately after the copyright notices, a license notice giving " the public permission to use the <link linkend="fdl-modified">Modified " Version</link> under the terms of this License, in the form shown in the " Addendum below."

msgid ""
msgstr ""
"Incluir, inmediatamente después de los avisos de copyright, una nota de " 
"licencia dando el permiso público para usar la <link linkend="fdl-modified">
Versión Modificada</link> bajo los términos de esta Licencia, de la forma 
"mostrada en el Adenda de más abajo."

#. (itstool) path: listitem/para
#: C/index.docbook:340
msgid ""
msgstr "Preserve in that license notice the full lists of <link linkend="fdl-
"invirtant"> Invariant Sections</link> and required <link linkend="fdl-
"cover-texts"> Cover Texts</link> given in the <link linkend="fdl-document" 
">Document's</link> license notice."
msgstr ""
"Incluir, inmediatamente después de ese aviso de licencia, la lista completa 
"de <link linkend="fdl-inviant">Secciones invariantes</link> y los 
"<link linkend="fdl-cover-texts">Textos de Cubierta</link> que sean 
"requeridos en el aviso de Licencia del <link linkend="fdl-document" 
">Documento</link> original."

#. (itstool) path: listitem/para
#: C/index.docbook:350
msgid "Include an unaltered copy of this License."
msgstr "Incluir una copia sin modificación de esta Licencia."

#. (itstool) path: listitem/para
#: C/index.docbook:356
msgid ""
msgstr "Preserve the section entitled <quote>History</quote>, and its title, and add 
"to it an item stating at least the title, year, new authors, and publisher 
"of the <link linkend="fdl-modified">Modified Version</link> as given on 
"the <link linkend="fdl-title-page">Title Page</link>. If there is no 
"section entitled <quote>History</quote> in the <link linkend="fdl-document" 
">Document</link>, create one stating the title, year, authors, and 
"publisher of the Document as given on its Title Page, then add an item 
"describing the Modified Version as stated in the previous sentence."
msgstr ""
"Conservar la sección titulada <quote>Historia</quote>, conservar su Título y 
"aadirle un elemento que declare al menos el título, el año, los nuevos 
"autores y el editor de la <link linkend="fdl-modified">Versión Modificada</link> 
"<link>, tal como figuran en la <link linkend="fdl-title-page">Portada</link> 
"<link>. Si no hay una sección titulada <quote>Historia</quote> en el <link 
"linkend="fdl-document">Documento</link>, crear una estableciendo el 
"título, el año, los autores y el editor del Documento, tal como figuran en 
"su Portada, añadiendo además un elemento describiendo la Versión Modificada, 
"como se estableció en la sentencia anterior."

#. (itstool) path: listitem/para
#: C/index.docbook:372
msgid ""
"Preserve the network location, if any, given in the <link linkend="fdl-document">Document</link> for public access to a <link linkend="fdl-transparent">Transparent</link> copy of the Document, and likewise the " network locations given in the Document for previous versions it was based " on. These may be placed in the <quote>History</quote> section. You may omit " a network location for a work that was published at least four years before " the Document itself, or if the original publisher of the version it refers " to gives permission."

msgid"

"Conservar la direccin en red, si la hay, dada en el <link linkend="fdl-document">Documento</link> para el acceso pblico a una copia <link linkend="fdl-transparent">Transparente</link> del mismo, as como las otras " direcciones de red dadas en el Documento para versiones anteriores en las " que estuviese basado. Pueden ubicarse en la seccin <quote>Historia</quote>, " se puede omitir la ubicacin en red de un trabajo que haya sido publicado " por lo menos cuatro aos antes que el Documento mismo, o si el editor " original de dicha versin da permiso."

msgid"

"In any section entitled <quote>Acknowledgements</quote> or " "<quote>Dedications</quote>, preserve the section's title, and preserve in " "the section all the substance and tone of each of the contributor " "acknowledgements and/or dedications given therein."

msgid"

"En cualquier seccin titulada <quote>Agradecimientos</quote> o " "<quote>Dedicatorias</quote>, conservar el ttulo de la seccin y conservar " "en ella toda la sustancia y el tono de los agradecimientos y/o dedicatorias " "incluidas por cada contribuyente."

msgid"

"Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> " "of the <link linkend="fdl-document">Document</link>, unaltered in their " "text and in their titles. Section numbers or the equivalent are not " "considered part of the section titles."

msgid"

"Conservar todas las <link linkend="fdl-invariant">Secciones Invariantes</link>" "del <link linkend="fdl-document">Documento</link>, sin alterar su " "texto ni sus ttulos. Los nmeros de seccin o equivalentes no se consideran " "parte de los ttulos de la seccin."

msgid"

"Delete any section entitled <quote>Endorsements</quote>. Such a section may "
Eliminar cualquier sección titulada <quote>Aprobaciones</quote>. Tales secciones no pueden estar incluidas en las <link linkend="fdl-modified">Versiones Modificadas</link>.

Do not retitle any existing section as <quote>Endorsements</quote> or to "conflict in title with any <link linkend="fdl-invariant">Invariant Section</link>.

Si la <link linkend="fdl-modified">Versión Modificada</link> incluye secciones o apéndices nuevos que cualifiquen como <link linkend="fdl-secondary">Secciones Secundarias</link> y no contienen ningun material copiado del Documento, puede opicionalmente designar algunas o todas esas secciones como invariantes. Para hacerlo, aada sus títulos a la lista de "license notice. These titles must be distinct from any other section titles." Secciones Invariantes en el aviso de "licencia de la Versión Modificada. Tales títulos deben ser distintos de "cualquier otro título de sección."

You may add a section entitled <quote>Endorsements</quote>, provided it "contains nothing but endorsements of your <link linkend="fdl-modified">Modified Version</link> by various parties--for example, statements of "peer review or that the text has been approved by an organization as the "authoritative definition of a standard."
"You may add a passage of up to five words as a \texttt{<link linkend="fdl-cover-" "texts>Front-Cover Text</link>}, and a passage of up to 25 words as a \texttt{<link "linkend="fdl-cover-texts">Back-Cover Text</link>}, to the end of the list " "of \texttt{<link linkend="fdl-cover-texts">Cover Texts</link> in the \texttt{<link linkend="fdl-modified">Modified Version</link>}. Only one passage of Front-Cover " "Text and one of Back-Cover Text may be added by (or through arrangements " "made by) any one entity. If the \texttt{<link linkend="fdl-document">Document</link>}" "link> already includes a cover text for the same cover, previously added by " "you or by arrangement made by the same entity you are acting on behalf of, " "you may not add another; but you may replace the old one, on explicit " "permission from the previous publisher that added the old one."

msgstr ""
"Puede aadir un pasaje de hasta cinco palabras como \texttt{<link linkend="fdl-" "cover-texts>Texto de Cubierta Delantera</link> y un pasaje de hasta 25 " "palabras como \texttt{<link linkend="fdl-cover-texts">Texto de Cubierta Trasera</link>}" "link> al final de la lista de \texttt{<link linkend="fdl-cover-texts">Texto de " "Cubierta</link> en la \texttt{<link linkend="fdl-modified">Versin Modificada</link>}" "link>. Una entidad slo puede aadir (o hacer que se aada) un pasaje al " "Texto de Cubierta Delantera y uno al de Cubierta Trasera. Si el \texttt{<link linkend="fdl-document">Documento</link> ya incluye un textos de cubiertas " "aadidos previamente por usted o por acuerdo previo con la entidad que usted " "representa, usted no puede aadir otro; pero puede reemplazar el anterior, " "con permiso explico del editor anterior que agreg el texto anterior."

msgstr ""
"The author(s) and publisher(s) of the \texttt{<link linkend="fdl-document" "}>Document</link> do not by this License give permission to use their names " "for publicity for or to assert or imply endorsement of any \texttt{<link linkend="fdl-modified">Modified Version</link>}."

msgstr ""
"Con esta Licencia ni los autores ni los editores del \texttt{<link linkend="fdl-" "document>Documento</link> dan permiso para usar sus nombres para " "publicidad ni para asegurar o implicar aprobacin de cualquier \texttt{<link linkend="fdl-modified">Versin Modificada</link>}."

"COMBINING DOCUMENTS"

"contenga nicamente aprobaciones de su \texttt{<link linkend="fdl-modified" "}>Versin Modificada</link> por otras fuentes --por ejemplo, observaciones " "de compaeros o que el texto ha sido aprobado por una organizacin como " "definicin oficial de un estndar."
You may combine the Document with other documents released under this License, under the terms defined in section 4 above for modified versions, provided that you include in the combination all of the Invariant Sections of all of the original documents, unmodified, and list them all as Invariant Sections of your combined work in its license notice.

The combined work need only contain one copy of this License, and multiple identical Invariant Sections may be replaced with a single copy. If there are multiple Invariant Sections with the same name but different contents, make the title of each such section unique by adding at the end of it, in parentheses, the name of the original author or publisher of that section if known, or else a unique number. Make the same adjustment to the section titles in the list of Invariant Sections in the license notice of the combined work.

In the combination, you must combine any sections entitled "History" in the various original documents, forming one section entitled "History" in the combined work.
"<quote>History</quote>; likewise combine any sections entitled "<quote>Acknowledgements</quote>, and any sections entitled "<quote>Dedications</quote>. You must delete all sections entitled "<quote>Endorsements</quote>.

msgstr ""

"En la combinación, debe combinar cualquier sección titulada <quote>Historia</quote> de los distintos documentos originales, formando una sección titulada "<quote>Historia</quote>; de la misma forma, combine cualquier sección "<quote>Reconocimientos</quote> y cualquier sección titulada "<quote>Dedicatorias</quote>. Debe eliminar todas las secciones tituladas "<quote>Aprobaciones</quote>.

#. (itstool) path: sect1/title
#: C/index.docbook:509
msgid "COLLECTIONS OF DOCUMENTS"
msgstr "COLECCIONES DE DOCUMENTOS"

#. (itstool) path: sect1/para
#: C/index.docbook:510
msgid ""
"You may make a collection consisting of the <link linkend="fdl-document">Document</link> and other documents released under this License, and "replace the individual copies of this License in the various documents with "a single copy that is included in the collection, provided that you follow "the rules of this License for verbatim copying of each of the documents in "all other respects."

msgstr ""
" Puede hacer una colección que conste del <link linkend="fdl-document">Documento</link> y de otros documentos publicados bajo esta Licencia, y "reemplazar las copias individuales de esta Licencia en todos los documentos "por una sola copia que esté incluida en la colección, siempre que siga las "reglas de esta Licencia para cada copia literal de cada uno de los "documentos en cualquiera de los demás aspectos."

#. (itstool) path: sect1/para
#: C/index.docbook:520
#|msgid ""
#|"You may extract a single document from such a collection, and distribute it "individually under this License, provided you insert a copy of this ""License into the extracted document, and follow this License in all other "respects regarding verbatim copying of that document."

msgstr ""
"Puede extraer un solo documento de una de tales colecciones y distribuirlo "
A compilation of the Document or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, does not as a whole count as a Modified Version of the Document, provided no compilation copyright is claimed for the compilation. Such a compilation is called an aggregate, and this License does not apply to the other self-contained works thus compiled with the Document, on account of their being thus compiled, if they are not themselves derivative works of the Document. If the requirement of section 3 is applicable to these copies of the Document, then if the Document is less than one quarter of the entire aggregate, the Document's Cover Texts may be placed on covers that surround only the Document within the aggregate. Otherwise they must appear on covers around the whole aggregate.
"Translation is considered a kind of modification, so you may distribute"
"translations of the <link linkend="fdl-document">Document</link> under the"
"terms of <link linkend="fdl-section4">section 4</link>. Replacing <link">
"linkend="fdl-invariant"> Invariant Sections</link> with translations"
"requires special permission from their copyright holders, but you may"
"include translations of some or all Invariant Sections in addition to the"
"original versions of these Invariant Sections. You may include a translation"
"of this License provided that you also include the original English version"
"of this License. In case of a disagreement between the translation and the"
"original English version of this License, the original English version will"
"prevail."

"La Traducción se considera como un tipo de modificación, por lo que usted"
"puede distribuir traducciones del <link linkend="fdl-document">Documento</link>"
"bajo los trminos de la <link linkend="fdl-section4">sección 4</link>. El reemplazo las <link linkend="fdl-invariant">Secciones Invariantes</link> por traducciones requiere permiso especial de los"
"poseedores del copyright, pero usted puede incluir traducciones de algunas o o"
"todas las Secciones Invariantes junto con las versiones originales de las"
"mismas. Puede incluir una traducción de esta Licencia, siempre que incluya"
"también la versin original en lngs de esta Licencia. En caso de"
"desacuerdo entre la traducción y la versin original en lngs de esta"
"Licencia, la versin original en lngs prevalecer."
"Los terceros que hayan recibido copias, o derechos, de usted bajo esta "
"Licencia no verán terminadas sus licencias, siempre que permanezcan en total "
"conformidad con ella."

#. (itstool) path: sect1/title
#: C/index.docbook:587
msgid "FUTURE REVISIONS OF THIS LICENSE"
msgstr "REVISIONES FUTURAS DE ESTA LICENCIA"

#. (itstool) path: sect1/para
#: C/index.docbook:588
msgid ""
"The <ulink type="http" url="http://www.gnu.org/fsf/fsf.html">Free "
"Software Foundation</ulink> may publish new, revised versions of the GNU "
"Free Documentation License from time to time. Such new versions will be "
"similar in spirit to the present version, but may differ in detail to "
"address new problems or concerns. See <ulink type="http" url="http://www."
"
msgstr ""
"La <ulink type="http" url="http://www.gnu.org/fsf/fsf.html">Free "
"Software Foundation</ulink> puede publicar versiones nuevas y revisadas de "
"la Licencia de Documentación Libre GNU de vez en cuando. Dichas versiones "
"nuevas serán similares en espíritu a la presente versión, pero pueden "
"diferir en detalles para solucionar nuevos problemas o preocupaciones. Vea "
"copyleft/</ulink>.
"

#. (itstool) path: sect1/para
#: C/index.docbook:599
msgid ""
"Each version of the License is given a distinguishing version number. If the "
"<link linkend="fdl-document">Document</link> specifies that a particular "
"numbered version of this License <quote>or any later version</quote> applies "
"to it, you have the option of following the terms and conditions either of "
"that specified version or of any later version that has been published (not "
"as a draft) by the Free Software Foundation. If the Document does not "
"specify a version number of this License, you may choose any version ever "
"published (not as a draft) by the Free Software Foundation."
msgstr ""
" Cada versión de la Licencia tiene un número de versión que la distingue. Si "
"el <link linkend="fdl-document">Documento</link> especifica que se aplica "
"una versión numerada en particular de esta licencia o <quote>cualquier "
"versión posterior</quote>, usted tiene la opción de seguir los términos y "
"condiciones de la versión especificada o cualquiera posterior que haya sido "
"publicada (no como borrador) por la Free Software Foundation. Si el "
"Documento no especifica un número de versión de esta Licencia, puede escoger "
"cualquier versión que haya sido publicada (no como borrador) por la Free "
"Software Foundation."
To use this License in a document you have written, include a copy of the "License in the document and put the following copyright and license notices just after the title page:

Copyright YEAR YOUR NAME.

Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.1 or any later version published by the Free Software Foundation; with the <link linkend="fdl-invariant">Invariant Sections</link> being LIST THEIR TITLES, with the <link linkend="fdl-cover-texts">Front-Cover Texts</link> being LIST, and with the <link linkend="fdl-cover-texts">Back-Cover Texts</link> being LIST. A copy of the license is included in the section entitled "GNU Free Documentation License".

If you have no <link linkend="fdl-invariant">Invariant Sections</link>,
"write <quote>with no Invariant Sections</quote> instead of saying which ones "
"are invariant. If you have no <link linkend="fdl-cover-texts">Front-Cover "
"Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "
"<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend=""
"fdl-cover-texts">Back-Cover Texts</link>.

msgstr ""
"Si no tiene <link linkend="fdl-invariant">Secciones Invariantes</link>, "
"escriba <quote>sin Secciones Invariantes</quote> en vez de decir cules son "
"invariantes. Si no tiene <link linkend="fdl-cover-texts">Textos de "
"Cubierta Frontal</link>, escriba <quote>sin Textos de Cubierta Frontal" 
"quote>; de la misma manera para <link linkend="fdl-cover-texts">Textos de "
"Cubierta Trasera</link>.

#. (itstool) path: sect1/para
#: C/index.docbook:650
msgid ""
"If your document contains nontrivial examples of program code, we recommend "
"releasing these examples in parallel under your choice of free software "
"license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/
"gpl.html"> GNU General Public License</ulink>, to permit their use in free "
"software.

msgstr ""
" Si su documento contiene ejemplos de cdoigo de programa no trviales, "
"recomendamos liberar estos ejemplos en paralelo bajo la licencia de software "
"libre que usted elija, como la <ulink type="http" url="http://www.gnu.org/
"copyleft/gpl.html">Licencia Pblica General de GNU (GNU General Public "
"License)</ulink>, para permitir su uso en software libre.

~ msgid "2000"
~ msgstr "2000"

~ msgid "1.1"
~ msgstr "1.1"

~ msgid "2000-03"
~ msgstr "2000-03"

<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE article PUBLIC "-//OASIS//DTD DocBook XML V4.1.2//EN" "http://www.oasis-open.org/docbook/xml/4.1.2/docbookx.dtd">
<!--

The GNU Public License 2 in DocBook
Markup by Eric Baudais <baudais@okstate.edu>
Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Feb. 5, 2001
-->
<article id="index" lang="de">

"write <quote>with no Invariant Sections</quote> instead of saying which ones "
"are invariant. If you have no <link linkend="fdl-cover-texts">Front-Cover "
"Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "
"<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend=""
"fdl-cover-texts">Back-Cover Texts</link>.

msgstr ""
"Si no tiene <link linkend="fdl-invariant">Secciones Invariantes</link>, "
"escriba <quote>sin Secciones Invariantes</quote> en vez de decir cules son "
"invariantes. Si no tiene <link linkend="fdl-cover-texts">Textos de "
"Cubierta Frontal</link>, escriba <quote>sin Textos de Cubierta Frontal" 
"quote>; de la misma manera para <link linkend="fdl-cover-texts">Textos de "
"Cubierta Trasera</link>.
Es ist jedermann erlaubt, wortwörtliche Kopien dieses Lizenzdokuments zu erstellen und zu verbreiten, 
derenungen sind jedoch nicht zulässig. Diese bersetzung wurde erstellt von Harald Martin bersetzungen und Peter 
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  <firstname>Peter Gewinski</firstname>
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<personname>
  <email>peter@gerwinski.de</email>
</othercredit>
</othercredit>
</copyright>
Vorwort

Die meisten Softwarelizenzen sind daraufhin entworfen worden, Ihnen die Freiheit zu nehmen, die Software weiterzugeben und zu verändern. Im Gegensatz dazu sollen Ihnen die GNU General Public Licenses, die Allgemeinen öffentlichen GNU-Lizenzen, ebendiese Freiheit des Weitergebens und Veränderns garantieren und somit sicherstellen, dass diese Software für alle Benutzer frei ist.

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Die Bezeichnung freie Software bezieht sich auf Freiheit der Nutzung, nicht auf den Preis. Unsere Allgemeinen öffentlichen Lizenzen sollen sicherstellen, dass Sie die Freiheit haben, Kopien freier Software zu verbreiten (und etwas für diesen Service zu berechnen, wenn Sie möchten), dass Sie die Software im Quelltext erhalten oder den Quelltext auf Wunsch bekommen können, dass Sie die Software ändern oder Teile davon in neuen freien Programmen verwenden dürfen, und dass Sie darüber informiert sind, dass Sie dies alles tun dürfen.
Um Ihre Rechte zu schützen, müssen wir Einschränkungen machen, die es jedem, der die Software weiter gibt, verbieten, Ihnen diese Rechte zu verweigern oder Sie zum Verzicht auf diese Rechte aufzufordern. Aus diesen Einschränkungen ergeben sich bestimmte Verantwortlichkeiten für Sie, wenn Sie Kopien der Bibliothek verbreiten oder sie verändern.

Beispielsweise müssen Sie den Empfängern alle Rechte gewähren, die wir Ihnen eingeräumt haben, wenn Sie kostenlos oder gegen Bezahlung Kopien der Bibliothek verbreiten. Sie müssen sicherstellen, dass auch die Empfänger den Quelltext erhalten bzw. erhalten können. Wenn Sie einen anderen Code mit der Bibliothek verknüpfen, müssen Sie den Empfängern die vollständigen Objekt-Dateien zukommen lassen, so dass sie selbst diesen Code mit der Bibliothek neu verändern, auch nachdem sie Veränderungen an der Bibliothek vorgenommen und sie neu compiliert haben. Und Sie müssen ihnen diese Bedingungen zeigen, damit sie Ihre Rechte kennen.

Wir schätzen Ihre Rechte in zwei Schritten: (1) Wir stellen die Bibliothek unter ein Urheberrecht (Copyright), und (2) wir bieten Ihnen diese Lizenz an, die Ihnen das Recht gibt, die Bibliothek zu vervielfältigen, zu verbreiten und/oder zu verändern.

Um jeden, der die Software weiter gibt, zu schützen, wollen wir darüber hinaus vollkommen klarstellen, dass für diese freie Bibliothek keinerlei Garantie besteht. Auch sollten, falls die Software von jemand anderem modifiziert und weitergegeben wird, die Empfänger wissen, dass sie nicht das Original erhalten haben, damit irgendwelche von anderen verursachte Probleme nicht den Ruf des ursprünglichen Autors schädigen.

Schließlich und endlich stellen Software-Patente die Existenz jedes freien Programms eine ständige Bedrohung dar. Wir möchten sicherstellen, dass keine Firma den Benutzern eines freien Programms Einschränkungen auferlegen kann, indem sie von einem Patentinhaber eine die freie Nutzung einschränkende Lizenz erwirbt. Deshalb bestehen wir darauf, dass jegliche eine Version der Bibliothek erprobte Patentlizenz mit der in dieser Lizenz (also der LGPL) im einzelnen angegebenen Nutzungsfreiheit voll vereinbar sein muss.

Die meiste GNU-Software einschließlich einiger Bibliotheken fällt unter die gewöhnliche Allgemeine öffentliche GNU-Lizenz (GNU-GPL). Die vorliegende Lizenz, also die GNU-LGPL, gilt für gewisse nacherklärte Bibliotheken. Sie unterscheidet sich wesentlich von der gewöhnlichen Allgemeinen öffentlichen Lizenz (GNU-GPL). Wir benutzen diese Lizenz, um das Linken (d.h. die Verknüpfung von Bibliotheken und anderen Programmteilen zu einem lauffähigen Programm) von Programmen, die nicht frei sind, mit diesen Bibliotheken zu gestatten.

Wenn ein Programm mit einer Bibliothek gelinkt wurde, sei es nun statisch oder dynamisch, so ist die Kombination der beiden, rechtlich gesehen, ein kombiniertes Werk, also eine abgeleitete Version der Original-Bibliothek. Die gewöhnliche GPL erlaubt ein solches Linken nur dann, wenn die ganze Kombination die Kriterien für freie Software erfüllt. Die LGPL erlaubt dagegen weniger strenge Kriterien für das Linken von irgendeiner anderen Software mit der Bibliothek.


So kann, wenn auch nur bei seltenen Gelegenheiten, eine besondere Notwendigkeit bestehen, einen Anreiz zur möglichst weitgehenden Benutzung einer bestimmten Bibliothek zu schaffen, so da diese dann ein De-facto-
Standard wird. Um dies zu erreichen, müssen nichtfreie Programme die Bibliothek benutzen dürfen. Ein häufiger Fall ist der, da eine freie Bibliothek dasselbe leistet wie weithin benutzte nichtfreie Bibliotheken. In diesem Falle bringt es wenig Nutzen, die freie Bibliothek allein auf freie Software zu beschränken, und dann benutzen wir eben die LGPL.</para>

In anderen Fällen ermöglicht die Erlaubnis zur Benutzung einer speziellen Bibliothek in nichtfreien Programmen viel mehr Leuten, eine umfangreiche Sammlung freier Software zu nutzen. So ermöglicht z.B. die Erlaubnis zur Benutzung der GNU-C-Bibliothek in nichtfreien Programmen einer viel größeren Zahl von Leuten, das ganze GNU-Betriebssystem ebenso wie seine Variante, das Betriebssystem GNU/Linux, zu benutzen.</para>

Obwohl die LGPL die Freiheit des Benutzers weniger schützt, stellt sie doch sicher, dass der Benutzer eines Programms, das mit der Bibliothek gelinkt wurde, die Freiheit und die erforderlichen Mittel hat, das Programm unter Benutzung einer abgeänderten Version der Bibliothek zu betreiben.</para>

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Die genau genauen Bedingungen für das Kopieren, Weitergeben und Abändern finden Sie im nachstehenden Kapitel. Achten Sie genau auf den Unterschied zwischen "work based on the library", d.h. Werk, das auf der Bibliothek basiert, und "work that uses the library" d.h. Werk, das die Bibliothek benutzt. Ersteres enthält Code, der von der Bibliothek abgeleitet ist, während letzteres lediglich mit der Bibliothek kombiniert werden muss, um betriebsfähig zu sein.</para>

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Eine "Bibliothek" bedeutet eine Zusammenstellung von Software-Funktionen und/oder Daten, die so vorbereitet ist, dass sie sich bequem mit Anwendungsprogrammen (welche einige dieser Funktionen und Daten benutzen) zum Bilden von ausführbaren Programmen linken (d.h. verbinden, kombinieren) lässt.</para>

Der Begriff "Bibliothek" bezieht sich im weiteren immer nur auf solche Software-Bibliotheken und solche Werke, die unter diesen Bedingungen der Lesser-GPL-Lizenz verbreitet worden sind. Ein "auf der Bibliothek basierendes Werk" bezeichnet die betreffende Bibliothek selbst sowie jegliche davon abgeleitete Bearbeitung im urheberrechtlichen Sinne, also ein Werk, welches die Bibliothek oder einen Teil davon, sei es unverändert oder verändert und/oder direkt in eine andere Sprache übersetzt, enthält. (Im folgenden wird die Übersetzung ohne Einschränkung als "Bearbeitung" eingestuft.)</para>

Unter dem "Quelltext" eines Werks ist seine für das Vornehmen von Veränderungen bevorzugte Form zu verstehen. Fr eine Bibliothek bedeutet "vollständiger Quelltext" den gesamten Quelltext fr alle in ihr enthaltenen Bestandteile, fr jegliche zu ihr gehörigen Dateien zur Definition von Schnittstellen und schließlich auch fr die Skripte, die zur Steuerung der Kompilierung und Installation der Bibliothek benutzt werden.</para>
Andere Handlungen als Vervielfältigung, Verbreitung und Bearbeitung werden von dieser Lizenz nicht berührt; sie fallen nicht in ihren Anwendungsbereich. Das Ausführen eines Programms unter Benutzung der Bibliothek wird nicht eingeschränkt, und die Ausgaben des Programms unterliegen dieser Lizenz nur dann, wenn der Inhalt ein auf der Bibliothek basierendes Werk darstellt (unabhängig davon, dass die Bibliothek in einem Werkzeug zum Schreiben dieses Programms benutzt wurde). Ob dies zutrifft, hängt davon ab, was die Bibliothek bewirkt und was das Programm, das die Bibliothek nutzt, bewirkt.</para>

Sie dürfen auf beliebigen Medien unveränderte Kopien des vollständigen Quelltextes des Programms so, wie sie ihn erhalten haben, anfertigen und verbreiten. Voraussetzung hierfür ist, dass Sie mit jeder Kopie deutlich erkennbar und in angemessener Form einen entsprechenden Copyright-Vermerk sowie einen Haftungsausschluss veröffentlichen, alle Vermerke, die sich auf diese Lizenz und das Fehlen einer Garantie beziehen, unverändert lassen und zusammen mit der Bibliothek jeweils eine Kopie dieser Lizenz weitergeben.</para>

Sie dürfen für den eigentlichen Kopier- und Versandvorgang eine Gebühr verlangen. Wenn Sie es wünschen, dürfen Sie auch gegen Entgelt eine Garantie anbieten.</para>

Sie dürfen Ihre Kopie(n) der Bibliothek oder irgendeines Teils davon verändern, wodurch ein auf der Bibliothek basierendes Werk entsteht, und Sie dürfen derartige Bearbeitungen unter den Bestimmungen von Paragraph 1 vervielfältigen und verbreiten, vorausgesetzt, dass zusätzlich alle im folgenden genannten Bedingungen erfüllt werden: <orderedlist numeration="loweralpha">
<li>Das Bearbeitungsergebnis mu selbst wieder eine Software-Bibliothek sein.</li>
<li>Sie müssen die veränderten Dateien mit einem auffälligen Vermerk versehen, der auf die von Ihnen vorgenommene Modifizierung der Dateien hinweist und das Datum jeder niederer Angibt.</li>
<li>Sie müssen dafür sorgen, dass das Werk als Ganzes Dritten unter den Bedingungen dieser Lizenz ohne Lizenzgebühren zur Verfügung gestellt wird.</li>
<li>Wenn sich eine Funktionseinheit der bearbeiteten Bibliothek auf eine Funktion oder Datentabelle stützt, die von einem die Funktionseinheit nutzenden Anwendungsprogramm bereitgestellt werden muss, ohne dass sie als Argument geboten werden muss, wenn die Funktionseinheit angesprochen wird, dann müssen Sie sich nach bestem Wissen und Gewissen bemühen, sicherzustellen, dass die betreffende Funktionseinheit auch dann noch funktioniert, wenn die Anwendung eine solche Funktion oder Datentabelle nicht bietet, und dass sie den sinnvoll bleibenden Teil ihres Bestimmungszwecks noch ausführt.</li>
</orderedlist>(So hat z.B. eine Funktion zum Berechnen von Quadratwurzeln einen von der Anwendung unabhängigen
Diese Anforderungen gelten für das bearbeitete Werk als Ganzes. Wenn identifizierbare Teile davon nicht
von der Bibliothek stammen und vernünftigerweise als unabhängige und gesonderte Werke für sich selbst zu betrachten
sind, dann gelten diese Lizenz und ihre Bedingungen nicht für die betreffenden Teile, wenn Sie diese als gesonderte
Werke weitergeben. Wenn Sie jedoch dieselben Teile als Teil eines Ganzen weitergeben, das ein auf der Bibliothek
basierendes Werk darstellt, dann muss die Weitergabe dieses Ganzen nach den Bedingungen dieser Lizenz erfolgen,
deren Bedingungen für weitere Lizenznehmer somit auf das gesamte Ganze ausgedehnt werden und somit auf jeden
einzelnen Teil, unabhängig vom jeweiligen Autor.</p></para>

Somit ist es nicht die Absicht dieses Abschnittes, Rechte für Werke in Anspruch zu nehmen oder Ihnen
Rechte für Werke streitig zu machen, die komplett von Ihnen geschrieben wurden; vielmehr ist es die Absicht, die
Rechte zur Kontrolle der Verbreitung von Werken, die auf der Bibliothek basieren oder unter ihrer auszugsweisen
Verwendung zusammengestellt worden sind, auszublenden.</p></para>

Ferner bringt auch das einfache Zusammenlegen eines anderen Werkes, das nicht auf der Bibliothek
basiert, mit der Bibliothek oder mit einem auf der Bibliothek basierenden Werk auf ein- und demselben Speicher-
oder Vertriebsmedium dieses andere Werk nicht in den Anwendungsbereich dieser Lizenz.</p></para>

Sie können sich für die Anwendung der Bedingungen der gewöhnlichen Allgemeinen öffentlichen GNU-
Lizenz (GNU-GPL) statt dieser Lizenz auf eine gegebene Kopie der Bibliothek entscheiden. Um dies zu tun, müssen
Sie alle Eintragungen, die sich auf diese Lizenz beziehen,ndern, so dass sie nun für die gewöhnliche GNU-GPL,
Version 2, statt für diese Lizenz (LGPL) gelten. (Wenn eine neuere Version als Version 2 der gewöhnlichen GNU-
GPL erschienen ist, können Sie diese angeben, wenn Sie das wünschen.) Nehmen Sie keine anderen Veränderungen
in diesen Eintragungen vor.</p></para>

Wenn diese Veränderung in einer gegebenen Kopie einmal vorgenommen ist, dann ist sie für diese Kopie
nicht mehr zurücknehmbar, und somit gilt dann die gewöhnliche GNU-GPL für alle nachfolgenden Kopien und
abgeleiteten Werke, die von dieser Kopie gemacht worden sind.</p></para>

Diese Option ist nützlich, wenn Sie einen Teil des Codes der Bibliothek in ein Programm kopieren wollen,
das keine Bibliothek ist.</p></para>

Sie können die Bibliothek (oder einen Teil oder eine Ableitung von ihr, gemäß Paragraph 2 in Objektcode-Form oder in ausführbarer Form unter den Bedingungen der
obigen Paragraphen <link linkend="sect1">1</link> und <link linkend="sect2">2</link> kopieren und weitergeben, sofern Sie den vollständigen entsprechenden maschinenlesbaren Quelltext beifügen, der unter den Bedingungen der obigen Paragraphen <link linkend="sect1">1</link> und <link linkend="sect2">2</link> auf einem Medium weitergegeben werden muss, das blicherweise zum Austausch von Software benutzt wird.</para>

<para>Wenn die Weitergabe von Objektcode durch das Angebot eines Zugangs zum Kopienabruf von einem angegebenen Ort erfolgt, dann erfüllt das Angebot eines gleichwertigen Zugangs zum Kopieren des Quelltextes von demselben Ort die Anforderung, auch den Quelltext weiterzugeben, obwohl Dritte nicht verplichtet sind, den Quelltext zusammen mit dem Objektcode zu kopieren.</para>

</sect2>

<sect2 id="sect5" label="5">
<title>Paragraph 5</title>

<para>Ein Programm, das nichts von irgendeinem Teil der Bibliothek Abgeleitetes enthält, aber darauf ausgelegt ist, mit der Bibliothek zusammenzuarbeiten, indem es mit ihr compiliert oder gelinkt wird, nennt man ein <quote>Werk, das die Bibliothek nutzt</quote>. Solch ein Werk, fr sich allein genommen, ist kein von der Bibliothek abgeleitetes Werk und flß daher nicht unter diese Lizenz.</para>

<para>Wird jedoch ein <quote>Werk, das die Bibliothek nutzt</quote>, mit der Bibliothek gelinkt, so entsteht ein ausführbares Programm, das ein von der Bibliothek abgeleitetes Werk (weil es Teile der Bibliothek enthält) und kein <quote>Werk, das die Bibliothek nutzt</quote> ist. Das ausführbare Programm flß daher unter diese Lizenz. <link linkend="sect6">Paragraph 6</link> gibt die Bedingungen fr die Weitergabe solcher ausführbarer Programme an.</para>

<para>Wenn ein <quote>Werk, das die Bibliothek nutzt</quote>, Material aus einer Header-Datei verwendet, die Teil der Bibliothek ist, dann kann der Objektcode fr das Werk ein von der Bibliothek abgeleitetes Werk sein, selbst wenn der Quelltext dies nicht ist. Ob dies jeweils zutrifft, ist besonders dann von Bedeutung, wenn das Werk ohne die Bibliothek gelinkt werden kann oder wenn das Werk selbst eine Bibliothek ist. Die genaue Grenze, von der an dies zutrifft, ist rechtlich nicht genau definiert.</para>

<para>Wenn solch eine Objekdatei nur numerische Parameter, Datenstruktur-Layouts und Zugriffsfunktionen sowie kleine Makros und kleine Inlinefunktionen (zehn Zeilen lang oder krzer) benutzt, dann unterliegt die Benutzung der Objekdatei keinen Beschränkungen, ohne Rücksicht darauf, ob es rechtlich gesehen ein abgeleitetes Werk ist. (Auszuführbare Programme, welche diesen Objektcode plus Teile der Bibliothek enthalten, fallen jedoch weiterhin unter die Bestimmungen von <link linkend="sect6">Paragraph 6</link>).</para>

<para>Ansonsten können Sie, wenn das Werk ein von der Bibliothek abgeleitetes ist, den Objektcode fr das Werk unter den Bedingungen von <link linkend="sect6">Paragraph 6</link> weitergeben. Alle ausführbaren Programme, welche dieses Werk enthalten, fallen ebenfalls unter <link linkend="sect6">Paragraph 6</link>, gleichgültig, ob sie direkt mit der Bibliothek selbst gelinkt sind oder nicht.</para>

</sect2>

<sect2 id="sect6" label="6">
<title>Paragraph 6</title>

<para>Als Ausnahme von den Bestimmungen der vorstehenden fnf Paragraphen drfen Sie auch ein
Werk, das die Bibliothek nutzt, mit der Bibliothek kombinieren oder linken, um ein Werk zu erzeugen, das Teile der Bibliothek enthält, und dieses unter Bedingungen ihrer eigenen Wahl weitergeben, sofern diese Bedingungen Bearbeitungen für den eigenen Gebrauch des Empfängers und ein Rekbinde (reverse engineering) zum Beheben von Mängeln solcher Bearbeitungen gestatten.

Sie müssen bei jeder Kopie des Werks deutlich erkennbar angeben, dass die Bibliothek darin genutzt wird und dass die Bibliothek und ihre Benutzung durch die Lizenz abgedeckt sind. Sie müssen eine Kopie dieser Lizenz mitgeben. Wenn das Werk bei seiner Ausführung Copyright-Vermerke anzeigt, müssen Sie den Copyright-Vermerk für die Bibliothek mit anzeigen lassen und dem Benutzer einen Hinweis geben, der ihn zu einer Kopie dieser Lizenz führt. Ferner müssen Sie eines der nachfolgend genannten fünf Dinge tun: Liefern Sie das Werk zusammen mit dem vollständigen zugehörigen maschinengespeisten Quelltext der Bibliothek aus, und zwar einschließlich jeglicher in dem Werk angewandter Überarbeitungen, die den Bedingungen der Paragraphen 1 und 2 folgen müssen; und wenn das Werk ein ausführbares, mit der Bibliothek gekoppeltes Programm ist, dann liefern Sie es zusammen mit dem vollständigen maschinengespeisten Werk, das die Bibliothek nutzt, in Form von Objektkode und/oder Quelltext, so dass der Benutzer die Bibliothek verändern und dann erneut linken kann, um ein verändertes ausführbares Programm zu erzeugen, das die veränderte Bibliothek enthält. (Es versteht sich, dass der Benutzer, der die Inhalte von Definitionsdateien in der veränderten Bibliothek verändert, nicht notwendigerweise in der Lage sein wird, die Anwendung neu zu kompilieren, um die veränderten Definitionen zu benutzen.)

Sie liefern das Werk zusammen mit einem mindestens drei Jahre lang gültigen schriftlichen Angebot, das dem Benutzer die oben genannten Materialien zu Kosten, welche die reinen Weitergabekosten nicht übersteigen, zur Verfügung zu stellen.

Wenn die Weitergabe des Werks dadurch erfolgt, dass die Möglichkeit des Abrufens einer Kopie von einem bestimmten Ort angeboten wird, bieten Sie gleichwertigen Zugang zum Kopieren der oben angegebenen Materialien von dem gleichen Ort an.

Sie verwissem sich, dass der Benutzer bereits eine Kopie dieser Materialien erhalten hat oder dass Sie diesem Benutzer bereits eine Kopie geschickt haben.

 Für ein ausführbares Programm muss die verlangte Form des Werks, das die Bibliothek nutzt, alle Daten und Hilfsprogramme mit einschließen, die man braucht, um daraus das ausführbare Programm zu...
reproduzieren. Doch gilt eine spezielle Ausnahme: Die weiterzugebenden Materialien brauchen nicht alles das zu enthalten, was normalerweise (in Quelltext-Form oder in binärer Form) mit den Hauptbestandteilen (Compiler, Kern usw.) des Betriebssystems, auf denen das ausführbare Programm laufen, weitergegeben wird, es sei denn, das ausführbare Programm gehört selbst zu diesem Hauptbestandteil.

Es kann vorkommen, dass diese Anforderung im Widerspruch zu Lizenzbeschränkungen anderer, proprietärer Bibliotheken steht, die normalerweise nicht zum Betriebssystem gehören. Ein solcher Widerspruch bedeutet, dass Sie nicht gleichzeitig jene proprietären Bibliotheken und die vorliegende Bibliothek zusammen in einem ausführbaren Programm, das Sie weitergeben, verwenden dürfen.

Sie dürfen Bibliotheks-Funktionseinheiten, die ein auf der Bibliothek basierendes Werk darstellen, zusammen mit anderen, nicht unter diese Lizenz fallenden Funktionseinheiten in eine einzelne Bibliothek einbauen und eine solche kombinierte Bibliothek weitergeben, vorausgesetzt, da die gesonderte Weitergabe des auf der Bibliothek basierenden Werks einerseits und der anderen Funktionseinheiten andererseits ansonsten gestattet ist, und vorausgesetzt, da Sie folgende zwei Dinge tun:

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</sect2>

<sect2 id="sect10" label="10">
<title>Paragraph 10</title>

<para>Wenn Sie die Bibliothek (oder irgendein auf der Bibliothek basierendes Werk) weitergeben, erhält der Empfänger automatisch vom ursprünglichen Lizenzgeber die Lizenz, die Bibliothek entsprechend den hier festgelegten Bestimmungen zu vervielfältigen, zu verbreiten und zu verändern und mit ihr zu verlinken. Sie dürfen keine weiteren Einschränkungen der Ausübung der hierin zugestandenen Rechte des Empfängers vornehmen. Sie sind nicht dafür verantwortlich, die Einhaltung dieser Lizenz durch Dritte durchzusetzen.</para>

</sect2>

<sect2 id="sect11" label="11">
<title>Paragraph 11</title>

<para>Sollten Ihnen infolge eines Gerichtsurteils, des Vorwurfs einer Patentverletzung oder aus einem anderen Grunde (nicht auf Patentfragen begrenzt) Bedingungen (durch Gerichtsbeschluss, Vergleich oder anderweitig) auferlegt werden, die den Bedingungen dieser Lizenz widersprechen, so befreien diese Umstände Sie nicht von den Bestimmungen dieser Lizenz. Wenn es Ihnen nicht möglich ist, die Bibliothek unter gleichzeitiger Beachtung der Bedingungen in dieser Lizenz und Ihrer anderweitigen Verpflichtungen zu verbreiten, dann dürfen Sie als Folge davon die Bibliothek herauf nicht verbreiten. Wenn zum Beispiel ein Patent nicht die gebührenfreie Weiterverbreitung der Bibliothek durch diejenigen erlaubt, welche die Bibliothek direkt oder indirekt von Ihnen erhalten haben, dann besteht der einzige Weg, sowohl dem Patentrecht als auch dieser Lizenz zu gedenken, darin, ganz auf die Verbreitung der Bibliothek zu verzichten.</para>

<para>Sollte sich ein Teil dieses Paragraphen als ungültig oder unter bestimmten Umständen nicht durchsetzbar erweisen, so soll dieser Paragraph seinem Sinne nach angewandt werden; im brigen soll dieser Paragraph als Ganzes gelten.</para>

<para>Zweck dieses Paragraphen ist nicht, Sie dazu zu bringen, irgendwelche Patente oder andere Eigentumsansprüche zu verletzen oder die Gültigkeit solcher Ansprüche zu bestreiten; dieser Paragraph hat vielmehr einzig den Zweck, die Integrität des Verbreitungssystems der freien Software zu schützen, das durch die Praxis öffentlicher Lizenzverwirklicht wird. Viele Leute haben großzügige Beiträge zu dem weitreichenden Angebot der durch dieses System verbreiteten Software im Vertrauen auf die konsistente Anwendung dieses Systems geleistet; es obliegt dem Autor bzw. Geber, zu entscheiden, ob er die Software mittels irgendeines anderen Systems verbreiten will; ein Lizenznehmer jedoch darf darber nicht entscheiden.</para>

<para>Dieser Paragraph ist dazu gedacht, deutlich klar zu stellen, was als Konsequenz aus den brigen Bestimmungen dieser Lizenz zu betrachten ist.</para>

</sect2>
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Reparatur oder Korrektur smtlich bei Ihnen.</para>
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<sect2 id="sect16" label="16">
<title>Paragraph 16</title>

<para>In keinem Fall, außer wenn dies durch geltendes Recht gefordert wird oder schriftlich zugesichert wurde, ist irgendein Copyright-Inhaber oder irgendein Dritter, der die Bibliothek wie oben erlaubt modifiziert oder verbreitet hat, Ihnen gegenüber für irgendeine Schäden haftbar. Dies gilt auch für jegliche allgemeine oder spezielle Schäden, für Schäden durch Nebenwirkungen oder Folgeschäden, die sich aus der Benutzung oder der Unbenutzbarkeit der Bibliothek ergeben (das gilt insbesondere ohne darauf beschränkt zu sein für Datenverluste, das Hineinbringen von Ungenauigkeiten in irgendeine Daten, für Verluste, die Sie oder Dritte erlitten haben, oder für ein Unvermögen der Bibliothek, mit irgendeiner anderen Software zusammenzuarbeiten), und zwar auch dann, wenn ein Copyright-Inhaber oder ein Dritter bei die Möglichkeit solcher Schäden informiert worden ist.</para>
</sect2>
</sect1>
</article>

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<sect1 id="fdl-preamble" label="0">
<title>ELSZ</title>

<p>Jelen Licenc clja egy tetszlesleges kziknyv, tanknyv, vagy ms, ehhez hasonl felhasznlnak s hasznos dokumentum a sz szoros retlben <quote>szabadd</quote> ttele: annak rdekben, hogy mindenkie biztostsa a szveg sokszorostsnak s terjesztsnek teljes szabadsgt, mdostsokkal, vagy ankl, akr kereskedelmi, akr nem kereskedelmi terleten. Msfell, e Licenc megrzi a szerz vagy kiad munkjin elismershez fzd jogn, s egyttal mentesti t a msok ltal beiktatott mdostok kvetkezmnyeai all.&lt;para&gt;&lt;/abstract&gt;
</para>
</sect1>

<sect1 id="fdl-section1" label="1">
<title>ALKALMAZHATSG S DEFINCIK</title>

<p>A jelen Licenc minden olyan kziknyvre, vagy ms jelleg, brmilyen adathordozn tallhat
</sect1>
munkra vonatkozik, amelyen megtalálhat a szerzi jog tulajdonosa Itál feltntetett figyelmeztets, miszerint a dokumentum terjesztze jelen Licenc felttelei alapjn lehetsges. Az albbiakban hasznlt "Dokumentum" kifejez brmely ilyen jelleg kziknyvre, vagy egyb munkra vonatkozhat. A nyilvnoss brmely tagja potenciil licenc tulajdonosnak tekinthet, s a tovbbiakban az "Dokumentum" megssztst hasznljuk r.</para>

A Dokumentum "Mdstott Vltozata" brmely olyan munkra vonatkozik, amely tartalmazza a Dokumentumot, vagy annak elemeit akr sz szerint, akr mdostsokkal, s/vagy ms nyelvre lefordtva.</para>

A "Msodlagos szakasz" egy egyedi nvel br fgelk, esetleg a "Dokumentum" egy bevezet szakasza, amely kizrlag a kiadnak, vagy az alkotnknak a Dokumentum sfog trykrhez (vagy kapcsold tmkhöz) fzd viszonyr sl, s nem tartalmaz semmi olyat, ami kvezetnl ezen sfog tmkr al eshet. (Vagyis ha a Dokumentum rsben egy matematika-tanknyv, akkor a Msodlagos szakasz nem tartalmazhat matematikai trgy magyarakzatokat). A fenti kapcsolat trgy lehet a tmakr, vagy a kapcsold tmkval val trtnelmi viszony, illetve az azokra vonatkoz jogi, kereskedelmi, filozfiai, etikai, vagy politikai felfogs.</para>

A "Nem Vltoztathat szakaszok" olyan "Msodlagos szakaszok" lehetnek felsorolsa a kzlemnyben, amely szerint a "Dokumentum" a jelen Licenc hatlya alatt lett kiadva.</para>

A "Bortszvegek" olyan rvid szvegrszek, melyek Cmlapszvegknt, illetve Htlapszvegknt kerlnek felsorolsa a kzlemnyben, amely szerint a "Dokumentum" a jelen Licenc hatlya alatt lett kiadva.</para>

Az "tltszsg kritriumainak megfelel formtumok kzz megallhat pldna a jelnyelve nem hasznl egyszer ASCII, a TeXinfo beviti forntum, a LaTeX beviti forntum, az SGML vagy az XML egy ltalnosan hozzfrhet DTD hasznlatval, a szabvnynak megfelel, emberi mdostsra tervezett egyszer HTML, PostScript vagy PDF. tltsz kforntumokra plda a PNG, XCF s a JPG. Az tltszatlan formtumok kzz sorolhatn a "Dokumentum" a szellemi tulajdont kpez formtumok, amelyeket csak szellemi tulajdont kpez szvegszerkesztkkel lehet elolvasni, az olyan SGML vagy XML, amelyhez a szksges DTD s/vagy egyb feldolgoz eszkz nem ltalnosan hozzfrhet, s olyan gpl generlt HTML, PostScript vagy PDF forntum, amely kizrlag egyes szvegszerkesztk kimeneti formtumakn DTD es.</para>

Az "Mdstott Vltozathoz legkzelebb es, m a szveg trz megelz szvegszerkeket jelli."</para>

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SZ ZERINTI SOKSZOROSTS

Nnek lehetsége van a Dokumentum kereskedelmi, vagy nem kereskedelmi jelleg sokszorosatra a terjesztésre a felhasznált adathordozó pusztán függetlenl, feltve, hogy a jelen Licenc, a szerzi jogi figyelmeztetés, tovább a Dokumentumot a jelen Licenc hatálya al rendel közlemény minden pldnnyban egyaránt megjelenik, s hogy ezekben kvl semmilyen feltelt nem szab meg a szeghez. Nem alkalmazhat olyan technikai eszközket, amelyekkel megakadályozhat vagy szabályozhat az n Ital terjesztett pldnnyok elolvassa vagy sokszorostsa. Mindazonáltal elfogadhat ellenszolgáltatót a msoletként cserbe. Amennyiben az n Ital terjesztett pldnnyok szma meghalad egy bizonyos mennyisget, gy a szakasz feltteleinek is eleget kell tennie.</para>

A fenti feltteleket betartva klcsznhet is pldnnyokat, de akr nyilvanoan is kzzteheti a szveget.</sect1>

SOKSZOROSTS NAGYOB MENNYISGBEN

Amennyiben 100-nl tbb nyomtatott pldnnyt (vagy olyan adathordozon talált pldnnyokat, amelyeknek jellemzen van nyomtatott cmlapjuk) tesz kzz a Dokumentumbl, s a dokumentum Licenc feltell szabja a Bortszvegek megllt, gy minden egyes pldnnyt kteles eltí olyan bortlapokkal, amelyeken a kveke <link linkend="fdl-cover-texts">Bortszvegek</link> tisztn s olvashat fel vannak tettve: Cmlapszvegek a cmlapon, illetve Htlapszvegek a htapon. Mindkbt bortlapra egytermen s olvashatat r kell vezetni a kiad, vagyis jelen esetben az n nevt. A cmlapon a Dokumentum teljes cmnek szerepelnie kell, s a cm minden szavnak egyformn kiemeltnek s lthatnak kell lennie. Ezen fell, bels szerint, tovább rsetleteket is hozzadhat a bortlapokhoz. Amennyiben az esetleges mdostsok kizrlag a bortlapokat rintik, s feltve, hogy a Dokumentumbl cme vltozatlan marad, tovább a bortlapok megfelelnek minden egyb kvetelmnynek, gy a sokszorosts ettl eltekintve sz szerinti sokszorostsnak minsl.</sect1>

Abban az esetben, ha a bortlapok brmelyikn megkvetelt szvegrszek tl olosznak bizonyulnak az olvashat kzztettelhez, gy csak az elsknt felsoroltakat kell feltntetnie (amennyi jzan belts szerint elfr) a tnyleges bortn, a tovbbiak pedig tkerlhetnek a kveke oldalakra。</sect1>

Amennyiben 100-nl tbb pldnnyt tesz kzz, vagy terjeszt a Dokumentumbl, gy kteles vagy egy gppel olvashat <link linkend="fdl-transparent">Tltszatlan</link> pldnnyban egy, a mdostatlan tltsz pldnny tartalmaz olyan szmtgp-hlzat elrhtsgt, amely elrhet az Itlnos hlzati felhasznlk szmra, s onnan nyilvano szabny hlzati protokollok segtsgvel a Dokumentum hozzadott anyagoknl, teljes vltozata letlthet. Ha az utbbi lehetset vlasztja, kteles gondoskodni arrl, hogy attl a naptl kezdve, amikor az utols tltszatlan pldnny is terjesztset kert (akr kvekenten n Ital, akr kiskereskedelmi forgalomban), a fenti helyen kzztet tltsz pldnny mg legalbb egy vig hozzfrhet legyen a felhasznlk szmra.</sect1>

Megkjrjk, mde nem ktelezzk nt arra, hogy minden esetben, amikor nagyobb pldnyszm terjesztset be krd, mr jval ezt megelzen lpj kapcsolatba a Dokumentum szerzivel, annak rdeken, hogy megkaphassa tlk a Dokumentum esetleges jabb vltozatt.</sect1>

MDOSTSOK
<para>nnek lehetsge van a <link linkend="fdl-document">Dokumentum</link> <link linkend="fdl-modified">Mdostott</link> Vltozatnak sokszorostsra s terjesztsre a <link linkend="fdl-section2">2.</link> s <link linkend="fdl-section3">3.</link> szakaszok fenti rendelkezei alapjin, feltve, hogy a Mdostott Vltozatot kizrlag jelen Licenc feltteleivel sszhangban teszi kzz, ahol a Mdostott Vltozat a Dokumentum szerept tli be, ezáltal lehetsget biztostha annak terjesztsre s mdostsra brkinek, aki csak hozzjut egy plnyhoz. Mindezen fell, a Mdostott Vltozat az albbi kvetelmnyeknek is meg kell, hogy feleljjen:</para>

<itemizedlist mark="upper-alpha">
  <listitem>
    <para>A <link linkend="fdl-title-page">Cmlapon</link> (s ha van, a bortkon) tntessen fel egy a <link linkend="fdl-document">Dokumentum</link>, illetve brmely korbbi vltzoatt eltr cmet (amelyeknek, ha vannak, a Dokumentum Elzmnynak szakaszban kell szerepelnik). Egy korbbi vltozat cmt csak akkor hasznlatja, ha annak szerzje engedlyezte azt.</para>
  </listitem>
  <listitem>
    <para>A <link linkend="fdl-title-page">Cmlapon</link> szerzkknt sorolja fel a <link linkend="fdl-modified">Mdostott Vltozatban</link> elvgzett vltzoztatokt felels termzetes vagy jogi szemlyeket, tovbb a <link linkend="fdl-document">Dokumentum</link> f szerzi kzl legkevesebb tt (vagy mindet, ha tnl kevesebben vannak) kivve, ha ezen felttel all k nt felmentik.</para>
  </listitem>
  <listitem>
    <para>A <link linkend="fdl-title-page">Cmlapon</link> a <link linkend="fdl-modified">Mdostott Vltozat</link> kztltelrt felels szemlyt nttes fel kiadknt.</para>
  </listitem>
  <listitem>
    <para>A <link linkend="fdl-document">Dokumentum</link> sszes szerzi jogi figyelmeztetst hagyja rintetlenl.</para>
  </listitem>
  <listitem>
    <para>Sajt mdostsaira vonatkozan is tegyen kzz egy szerzi jogi megjegyzst, a tbbi ilyen jelleg figyelmeztets mellett.</para>
  </listitem>
  <listitem>
    <para>Rgtnt a szerzi jogi figyelmeztetseket kveten tntessen fel egy kzlmmnyt, az albbi Fggelk mintjra, amelyben engedlyezi a <link linkend="fdl-modified">Mdostott Vltozat</link> felhasznlat a jelen Licenc feltteleinek megfelelen.</para>
  </listitem>
  <listitem>
    <para>A fenti kzlmmnyben hagyja rintetlenl a <link linkend="fdl-invariant">Nem Vltozathat</link> szakaszok s a szksges <link linkend="fdl-cover-texts">Bortszvegek</link> a jelen <link linkend="fdl-document">Dokumentum</link> licencben elrt teljes listjt.</para>
  </listitem>
</itemizedlist>
Mellkelje a jelen Licenc egy eredeti pldnnyt.

Az <quote>Elzmnyek</quote> elnevez szakaszt, illetve annak cmt szintn hagyja rintetlenl, emellett adjon hozz egy j elemet, amely minimlisan tartalmazza a <link linkend="fdl-modified">Mdostott Vltozat</link> cmt, kiadsi vt, tovbb az j szerzk, illetve a kiad nevt, a <link linkend="fdl-title-page">Cmlapon</link> lthatkhoz hasonlan. Amennyiben a <link linkend="fdl-document">Dokumentum</link> nem tartalmaz semmifle <quote>Elzmnyek</quote> elnevez szakaszt, gy hozzon ltre egyet, amely tartalmazza a Dokumentum cmt, kiadsi vt, tovbb a szerzk, illetve a kiad nevt, a Cmlapon lthatkhoz hasonlan; majd ezt kveten adjon hozz egy j, a Mdostott Vltozatra vonatkoz elemet, a fentiekkel sszhangban.

Ne tegyen vltoztatsokat a <link linkend="fdl-document">Dokumentumban</link> megadott <link linkend="fdl-transparent">tltsz pldny</link> nyilvnos hlzati elrhetsgt (ha van ilyen) illeten, vagy hasonlkpp, a Dokumentum alapul szolgl korbbi vltozatok hlzati helyre vonatkozan. Ezek az <quote>Elzmnyek</quote> szakaszban is szerepelhetnek. Csak abban az esetben hagyhatja el egyes korbbi vltozatok hlzati elrhsgt, ha azok legkevesebb ngy vvel a Dokumentum elt ksfek, vagy ha maga az alkot engedlyezi azt.

Brmely <quote>Ksznetnyilvnts</quote>, vagy <quote>Ajnlsok</quote>elnevez szakasz cmt hagyja rintetlenl, tovbb gondoskodjon arrl, hogy azok tartalma s hangvtele az egyes hozzjrulkat, s/vagy az ajnlsokat illeten vltozatlan maradjon.

A <link linkend="fdl-document">Dokumentum</link> sszes <link linkend="fdl-invariant">Nem Vltoztathat</link> szakaszt hagyja rintetlenl, gy cmket, mint tartalmukat illeten. A szakaszok szmozsa, vagy brmely azzal egyenrtk jells nem tartozik a szakaszcmek kz.

Trljn minden <quote>Hozzjruls</quote> elnevez szakaszt. Effajta szakaszok nem kpezhetik rszt a <link linkend="fdl-modified">Mdostott Vltozatnak</link/>. Ne nevezzen t semmilyen ltez szakaszt <quote>Hozzjruls</quote> elnevezsre, vagy olyasmire, amely emben a <link linkend="fdl-invariant">Nem Vltozatthat</link> szakaszokkal tkzhet.

Ha a <link linkend="fdl-modified">Mdostott Vltozat</link> j bevezet szakaszokat tartalmaz, vagy olyan fggelkeket, melyek <link linkend="fdl-secondary">Msodlagos szakasznak</link> minslnek, m nem tartalmaznak a
Dokumentumbl szrmaz anyagot, abban az esetben, beltsa szerint, e szakaszok nmelyikt, vagy akr az sszeset besorolhatja nem vltzothatknt. Ehhez nem kell mst tennie, mint felsorolni a szban forg cmeket a <link linkend="fdl-invariant">Mdstott Vltzotat</link>/licencnek Nem Vltzothathat szakaszok listjban. E cmeknek hatrozottan el kell klnnie minden egyb szakaszcntn.</para>

<quote>Hozzjruls</quote> elnevezs szakaszt csak akkor adhat a Dokumentumhoz, ha az kizrlag a <link linkend="fdl-modified">Mdstott Vltzotatra</link>/utal megjegyzseket tartalmaz pldul msok recenziira vonatkozsan, vagy hogy egy szervezet a szveget egy szabvny mrad definicijaknt ismerte el.</para>

Cmlapszveg</link>/ gyannt egy legfeljebb t szbl ll szvegszrt adhat meg, a <link linkend="fdl-cover-texts">Htlapszveg</link>/ esetn pedig 25 szt fhz a <link linkend="fdl-modified">Mdstott Vltzotat</link>/<link linkend="fdl-cover-texts">Bortszvegeinek</link>/ vghez. Brmely termszetes vagy jogi szemly csak s kizrlag egy Cmlapszveg s egy Htlapszveg rsz adhat ad (akr kzewtn kereszt) a Dokumentumhoz. Ha a <link linkend="fdl-document">Dokumentum</link>/mr rendelkezik Bortszveggel ehhez a vltzothoz, mert korbban n adta hozz, vagy az a szervezet, amelynkn nevben n fellp, akkor nem adhat hozz msik Bortszveget; a rgit mindazonltal lecserelheti, abban az esetben, ha az azt hozzad korbbi kiad egyrtelmen engedlyez. </para>

<quote>A ksz</quote> <link linkend="fdl-document">Dokumentum</link>/ szerzi s kiadi ezzel a Licenccel nem jrlnak hozz nevk felhasznlsra, a <link linkend="fdl-modified">Mdstott Vltzotat</link>/ <link name="fdl-cover-texts">Cmlapszveg</link>/ <link name="fdl-cover-texts">Htlapszveg</link>/ <link name="fdl-modified">Mdstott Vltzotat</link>/ <link name="fdl-cover-texts">Bortszvegeinek</link>/ mvhez. Brmely <link name="fdl-invariant">Nem Vltzothat</link>/ szakasz, s hogy azok mind Nem Vltzothathat szakaszknt kerlnk felsorolsra a kombinlt munka licencben, s tartalmazzk a hozzjuk tartoz Garancik Kizrsait is.</para>

A kombinlt munknak a jelen Licenc mindssse egy pldnyt kell tartalmaznia, az egymssal tfdsben lv <link linkend="fdl-invariant">Nem Vltzothat</link>/ szakaszok pedig kivltathat egy szegzett pldnnyal. Amennyibn ttk Nem Vltzothatat szakasz szerepelne ugyanazon cmmel, m eltr tartalommal, gy alaksta t minden egyes szakasz cmt olyan mdon, hogy mg rja zrjben az eredeti szerz s kiad nevt (ha ismerti) vagy egy egyedi sorszmot. Ha szksges, a Nem Vltzothathat szakaszok cmeivel vgezze el a fenti mdostsokat a kombinlt munka licencben.</para>

A kombinlt munkban az eredeti dokumentumok sszes <quote>Elzmnyek</quote>/ elnevezs szakasz ssze kell olvasztania, miltal egy szefg <quote>Elzmnyek</quote>/ elnevezs szakasz jn ltre; hasonlkpp kell eljrnia a <quote>Ksznetnyilvnts</quote>/, illetve az <quote>Ajnsok</quote>/ elnevezs szakaszok tekintetben. Ugyanakkor minden <quote>Hozzjruls</quote>/elnevezs szakasz trlnie kell.</para>

a jelen Licenc feltteleit azok sz szerinti sokszorostsra vonatkozóan.</para>

Tetszé szerint ki is emelhet egy meghatározott dokumentumot a gyjtemnybl, tovább terjesztetheti azt jelen Licenc felttelei alapján, feltve, hogy a szban forg dokumentumhoz mellkeli a jelen Licenc egy plányt, s minden egyb tekintetben betartja jelen Licenc elrsait a dokumentum sz szerinti sokszorostsra vonatkozóan.</para>

</sect1>

</sect1 id="fdl-section7" label="7">
<title>SSZEFZS FGGETLEN MUNKKKAL</title>

A <link linkend="fdl-document">Dokumentum</link> s annak szrmazkainak klnl, vagy fggetlen dokumentumokkal, illetve munkkakal val szefzse egy kzs trolsi, vagy terjesztsi egysgen

<quote>gyjtemnynek</quote> nevezend, amennyiben az szefsz erednyekppen rvnyes szerzi jogi felttelek nem korltozzk nagyobb mrtkben az szefsz felhasznlnak, jogait, mint amennyire azt az egyes szsetevk teszik. Amikor a Dokumentum rse egy gyjtemnynek, akkor a jelen Licenc nem rvnyes a gyjtemny azon rszeire, amelyek nem a Dokumentumbl szrmzatatott munk. Amennyiben a <link linkend="fdl-section3">3. szakasz</link> <link linkend="fdl-cover-texts">Bortszvegekre</link> vonatkoz rendelkezsei alkalmazhat a Dokumentum e plányaira, s a Dokumentum a teljes szsegzsnek kevesebb, mint felt teszi ki, gy a Dokumentum Bortszvegeit olyan mdon is el lehet helyezni a bortkon, hogy azok csak magt a Dokumentumot fogik kere, vagy a bortknak megfelel elektronikus formban, amennyiben a Dokumentum elektronikus formban tallhat. Minden ms esetben a teljes sszegzs bortlapjain kell feltntetni a fenti szvegeket.</para>

</sect1>

</sect1 id="fdl-section8" label="8">
<title>FORDTS</title>

A fordts egyfajta mdostsnak tekinthet, gy a <link linkend="fdl-document">Dokumentum</link> lefordott plnyai a <link linkend="fdl-section4">4. szakasz</link> rendelkezsei alapján terjeszthetik. A <link linkend="fdl-invariant">Nem Vltoztathat</link> szakaszok lefordthoz kln engedlyt kell krni a szerzi jogtulajdonostl, mindazonltal kzzhetk a lefordott vltozatok is gy, ha az eredeti Nem Vltozhatat szakaszokat is belefoglalja a munka. E Licenc lefordtsra, valamint minden, a Dokumentumhoz tartoz Licencmellkletre, illetve az esetleges Garancik Kizraira ugyanezek a felttelek rvnyesek, vagyis a lefordott vltozatok csak akkor jelenhetnek meg, ha mellette ott vannak az eredeti, angol nyelv Licenc, a mellkletek s kizsok szvegei is. Amennyiben eltms mutatkozn az eredeti vltozatok, illetve a fordts kzt, gy a Licenc, a mellkletek s kizsok angol nyelv eredetije tekintend mrvadnak.</para>

</sect1>

</sect1 id="fdl-section9" label="9">
<title>MEGSZNS</title>

A jelen Licencben egyrtelmen kijellt kereteken kvl tilos a <link linkend="fdl-document">Dokumentum</link> brminem sokszorostsa, mdotsa, tovbblicencelse, vagy terjesztse. Minden ezzel szembeni sokszorostsi, mdotsi, tovbblicencelsi, vagy terjesztsi kslet a jelen Licencben meghatározott jogok automatikus megsznst vonja maga utn. Ugyanakkor azok a felek, akik nn keresztl jutottak mslathoz vagy jogosultsghoz, nem veszik el azokat, amg maradktalanul betartjk e Licenc elrsait.</para>

</sect1>

</sect1 id="fdl-section10" label="10">
<title>JELEN LICENC JVBEI JAVTSAI</title>

Megtrtnhet, hogy a <ulink type="http" url="http://www.gnu.org/lsf/lsf.html">Free Software Foundation</ulink> idrl idre fellvisszglt s/vagy j verzikat boest ki a GNU Free Documentation License-bl. E verzik

A Licenc minden változata egyedi verziómmal van ellátva. Ha a <link linkend="fdl-document">Dokumentum</link> jelen Licenc egy konkrét, szmoozott verziójra <quote>vagy bármely jabb verzió</quote> hivatkozik, gy nek a szóban forgó változat, vagy bármely jabb a Free Software Foundation Ittal (nem vztaknt) kiadott verzi felteitények kvetsére lehetsége van. Ha a Dokumentum nem ad meg semmilyen verziómot, gy bármely, a Free Software Foundation Ittal valaha (nem vztaknt) kiadott változat megfelel.</sect1>

<section id="fdl-using" label="none">
<title>Fggelk</title>

Ha a jelen Licencet egy n Ittal rt dokumentumban kvnja használni, akkor mellkelje hozz a Licenc egy plányt, tovább vezesse r az alábbi szerzi jogi s licenckézleményeket, rgt a cmlapot kveten:</sect1>

<blockquote>
<para>Copyright (C) V AZ N NEVE.</para>

Engedélyt adunk nnek a jelen dokumentum sokszorosra, terjesztése s/vagy mdoatra a Free Software Foundation Ittal kiadott GNU FDL 1.1-es, vagy bármely azt kvet verziók felteitei alapján. Nincs <link linkend="fdl-invariant">Nem változtatható szakaszok</link>, nincs <link linkend="fdl-cover-texts">Cmlapszveg</link>, nincs <link linkend="fdl-cover-texts">Htlapszveg</link>. A jelen licenc egy plányt a <quote>GNU Free Documentation License</quote> elnevezés szakasz alatt tallja.</para>

A jelen licenc valaha (nem kvetknt) kiadott változat megfelel.

<sect1 id="fdl-invariant" label="none">Amennyiben nincsenek <link linkend="fdl-invariant">Nem változtatható szakaszok</link>, akkor ahelyett a rsz helyett, hogy melyek nem változtathatatok, rja azt, hogy <quote>Nem tartalmaz Nem változtatható szakaszt</quote>. Amennyiben nincsenek <link linkend="fdl-cover-texts">Cmlapszvegek</link>, akkor <quote>Cmlapszveg felsorolása</quote> helyett, rja azt, hogy <quote>Cmlapszveget nem tartalmaz</quote>; hasonlóan jön el a <link linkend="fdl-cover-texts">Htlapszveg</link> esetben.

Amennyiben a dokumentum nem egyéb programvallékakat is tartalmaz, gy azt javasoljuk, hogy e pldk kat egy vlasztsa szerinti szabadszoftver licenc alatt kzlje mint pl dul a <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html"> GNU General Public License</ulink>, hogy lehet tegye a kidn szabad szoftverekben val alkalmazst.

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<article id="index" lang="hu">

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</article></sect1>
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Open Source Used In Data Center Network Manager 11.11.5(4) 6017
Elsz

A legtöbb szoftver licencei azzal a szándékot kifejezik, hogy minél kevesebb lehetőséget adjanak a szoftver megváltoztatásra s terjesztésre. Ezzel szemben a GNU GPL eljá, hogy garantálja a szabad szoftver módosításnak s terjesztésnek szabadsgát, ezáltal biztosítva a szoftver szabad felhasználhatósát minden felhasználó számára. A GPL szabályai vonatkoznak a Free Software Foundation legtöbb szoftverre, illetve minden olyan programra, melynek szerzője gy dnt, hogy ezt használja a szerzi jog megjellensekor. (A Free Software Foundation egyes szoftvereire a GNU LGPL vonatkoz.) Brki használhatja a programjaiban a GPL-t a szerzi jogi megjegyzés szerint.

A szabad szoftver megjells nem jelenti azt, hogy a szoftvernek nem lehet rá. A GPL licencek eljá, hogy garantálja a szabad szoftver módosításnak szabad terjesztést (s e szolgáltatásakról fysznt), a forrásf elhetséget, hogy brki szabadon módosíthassa a szoftvert, vagy felhasználhassa a szabad programokban, s hogy msk megismerhessék ezt a lehetőséget.

Ha valaki például ilyen program módosítást terjeszt, akk ingyen vagy bizonyos szeg fejben, a szoftverre vonatkoz minden jogot tovább kell adnia a fogad feleknek. Biztostani kell tovább, hogy megkapják vagy legalábbis megkaphassák a forrásfot is. persze ezeket a licencfeltételeket is el kell juttatni, hogy tiszta legyenek a jogaikkal.

A jogok vdlmben korlótoskot kell hozni, amelyek megtiltják, hogy brki megtárgyadhassa ezeket a jogokat msktl, vagy ezekrıl va lemondásra knyszertsen brki mst. Ezek a megszorzott bizonyos felelssgeket jelentenek azok szmára, akik a szoftver módosítását terjesztik vagy módosítják.

Az egyes szerzerek a magunk vdlmben biztostani akarjuk, hogy mindenki megtársias: a jelen szabad szoftverre nincs jlls. Ha a szoftvert módosított s továbbadtak, akkor mindenknak, aki m módosított változatot kapja, tudnia kell, hogy az nem az eredeti, gy a msk Ítal okozott hibknak nem lehet hatas az eredeti szerz srnevre.

Vgl, a szabad szoftver íl llandan fenyegetik a szoftvermódosítával. El szeretnkn kerlni annak veszlyt, hogy a szabad program terjesztő szabadalmat jegyezhessenek be r, ezáltal sajz szellemi tulajdon kpezv tegyek a programot. Ennek megelzhez tisztzt kvnjuk: szabadalom szabad szoftverrel kapcsolatban csak mindenki itali szabad hasznalatra jegyezhet be, vagy egyáltalnem jegyezhet be.

A msolsra, terjesztsre, módostra vonatkoz pontos szabályok s feltételek:

Amíg, a szabad szoftver terjesztő szabályok s feltételeknél nem jutat, a szabad szoftverre nincs jlls. Ha a szoftvert módosított s továbbadtak, akkor mindenknak, aki m módosított változatot kapja, tudnia kell, hogy az nem az eredeti, gy a msk Ítal okozott hibknak nem lehet hatas az eredeti szerz srnevre.

Amíg, a szabad szoftver terjesztő szabályok s feltételeknél nem jutat, a szabad szoftverre nincs jlls. Ha a szoftvert módosított s továbbadtak, akkor mindenknak, aki m módosított változatot kapja, tudnia kell, hogy az nem az eredeti, gy a msk Ítal okozott hibknak nem lehet hatas az eredeti szerz srnevre.

A msolsra, terjesztsre, módostra vonatkoz pontos szabályok s feltételek:
0. szakasz

Ez a licenc minden olyan programra vagy munkra vonatkozik, amelynek a szerzi jogi megjegyzésben a jog tulajdonosa a kivétel szveget helyezte el: a GPL-ben foglaltak alapján terjeszhet. Az alábbiakban a "Program" kifejezés brmely ilyen programra vagy munkra vonatkozik, a Programon alapul munka pedig magt a programot vagy egy szerzi joggal vdett munkt jelenti: vagyis olyan munkt, amely tartalmazza a programot vagy annak egy rszlett, mdostottan vagy mdostatlanul s/vagy ms nyelvre fordta. (Az alábbiakban a fordts minden egyb megkts nkl beletartozik a "mdsts</quote>n</quote> fogalomba.) Minden engedelyezs cmzettje n</quote>n</quote>. 

1. szakasz

A jelen licenc a msolson, terjesztsen s mdostson kvl ms tevkenysgre nem vonatkozik, azok a hatlyn kvl esnek. A Program futtatsa nincs korltozva, illetve a Program kimenetre is csak abban az esetben vonatkozik ez a szabloyozs, ha az tartalmazza a Programon alapul munka egy rszlett (fggetlenl attl, hogy ez a Program futtatsval jtt-e ltre). Ez teht a Program mkdstl fgg.

2. szakasz

A Program forrskdja mdosts nlkl msolhat s brmely adathordozn terjeszthet, feltve, hogy minden egyes pldnyn pontosan szerepel a megfelel szerzi jogi megjegyzs, illetve a garanciavllals elutasza; rinttetlenl kell hagyni minden erre a szabloyozsra s a garancia teljes hinyra utal szveget s a jelen licencdokumentumot is el kell juttatni mindazokhoz, akik a Programot kapjik.

Felszmthat dj a msolat fizikai tovbbtsa fejben, illetve ellenszolgltats fejben a Programhoz garancilis tmogats is biztoshat.</para>

3. szakasz

A Program vagy annak egy rsze mdosthat, gy a Programon alapul munka jn ltre. A mdosts ezutn az "1. szakaszban" adott felttelek szerint tovbb terjeszthet, ha az albbi felttelek is teljeslnek:

- A mdostott fjlokat el kell ltni olyan megjegyzssel, amely feltnteti a mdostst vgz nevt s a mdosts dtmt.

- A mdostott fjlokat el kell ltni olyan megjegyzssel, amely feltnteti a mdostst vgz nevt s a mdosts dtmt.

- Minden olyan munkt, amely rszben vagy egszben tartalmazza a Programot vagy a Programon alapul, olyan szablyokkal kell kldni vagy terjeszteni, hogy annak hasznlati joga harmadik szemly rsze licencdjmtenesen hozzfheth legyen, a jelen dokumentumban tallhat feltteleknek megfelelen.

- Ha a mdostott Program interaktvan olvassa a parancsokat futs kzb, akkor gy kell elkszteni, hogy a megshkott mdfn trtn indtskor megjelentsen egy zenetet a megfelel szerzi jogi megjegyzssel s a garancia hinyra utal kiszel (vagy ppen azzal az informcival, hogy miknt juthat valaki garancihoz), illetve azzal az informcival, hogy brki terjeszthet a Programot a jelen feltteleknek megfelelen, s arra is utalst kell tenni, hogy a felhaszn nlknt tekintheti meg a licenc egy pldnyt. 

Kivtel:
ha a Program interaktív ugyan, de nem jelent meg hasonló zenetet, akkor a Programon alapul munknak sem kell ezt tennie.</para>
</note></para>
</listitem>
</orderedlist></para>

Ezek a feltételek a mdostott munkra, mint egyszerű vonatkoznak. Ha a munka azonosítható rszei nem a Programon alapulnak, s fegyelmet munkaknt elküldt azonosítható, akkor ez a szabályozás nem vonatkozik ezekre a rszekre, ha azok kln munkaknt kernek terjesztésre. Viszont, ha ugyanez a rsz az egysz rszeknt kerl terjesztésre, amely a Programon alapul munka, akkor az egysz terjesztése csak a jelen dokumentum alapján lehetséges, amely ebben az esetben a jogokat minden egyes felhasznál színre kiterjeszti az egyszre tekintet nélkül arra, hogy melyik szt ki rta.</para>

E szövegszínke teht nem az a clja, hogy msk jogait elvegye vagy korlózza a kizárólag sajt maga ltl rt munkkra; a cl az, hogy a jogok gyakorlása szabályozva legyen a Programon alapul illetve a győjteményes munkk terjesztése esetben.</para>

Ezenkvl ms munkknak, amelyek nem a Programon alapulnak, a Programmal (vagy a Programon alapul munkval) kzs adathordozón vagy adattroln szereplését nem jelenti a jelen szabályok vonatkozóak azokra is.</para>

A Program (vagy a Programon alapul munka a <link linkend="sect2">2. szakasznak</link> megfelelően) msn yenhat s terjeszthet trgykd vagy vgrejáthathat kd formjban az <link linkend="sect1">1. szakaszban</link> s a <link linkend="sect2">2. szakaszban</link> foglaltak szerint, amennyiben az albbi feltételek is teljesülnek: <orderedlist numeration="loweralpha">

A teljes, gp ltl rtelmezhet forrskd ksrí az anyagot, amelynek terjesztése az <link linkend="sect1">1. szakaszban</link> s a <link linkend="sect2">2. szakaszban</link> foglaltak szerint trtnk, jellemező szoftverterjesztésre használt adathordozón; vagy,

Egy munka forrskdja a munknak azt a formját jelenti, amelyben a mdostsokat elsőlegesen végzni szok. Egy vgrejáthatható program esetben a teljes forrskd a tartalmazott szszes modul forrskdjt jelenti, tovább a kapcsold felletdefincis fájlokat s a fordítst vezrl parancsfájlokat. Egy speciális kivételknt a forrskdnak nem kell tartalmaznia norml
esetben a vgrehajthat kd futtatsra szolgol opercis rendszer fbb rszeiknt (kernel, fordtprogram stb.) terjesztett rszeit (forrs vagy binris formban), kivve, ha a komponens maga a vgrehajthat llomnyt ksr.</para>

<para>Ha a vgrehajthat program vagy trgykd terjesztse a forrskd hozzfrst egy megadott helyen biztost rsban vllalja, akkor ez egyenrtk a forrskd terjesztsvel, br msoknak nem kell a forrst lesolsniuk a trgykddal egytt.</para>

<sect2 id="sect4" label="4">
<title>4. szakasz</title>

<para>A Programot csak a jelen Licencben lertaknak megfelelen szabad lesolni, terjeszteni, mdostani s allicencebe adni. Az egyb mdon trtn msols, mdosts, terjeszts s allicencebe ads rvnytelen, s azonnal rvnyteleni a dokumentumban megadott jogosultsgokat. Mindazonltal azok, akik a Licencet megszegt kaptak plnyokat vagy jogokat, tovv gyakorolhatj ik a Licenc Ital meghatrozott jogaikat mindaddig, ang teljesen megfelelnek a Licenc feltteleinek.</para>

<sect2 id="sect5" label="5">
<title>5. szakasz</title>

<para>Nek nem ktelez elfogadnia ezt a szablyozst, hiszen nem rta al. Ezen kvl viszont semmi ms nem ad jogokat a Program terjesztsre s mdostsra. Ezeket a cselekedeteket a trvny bnteti, ha nem a jelen szerzi jogi szablyozs keretei kzt trtnnek. Mindezek miatt a Program (vagy a Programon alapul munka) terjesztse vagy mdosta a jelen dokumentum szablyainak, s azon bell a Program vagy a munka mdostsra, msolsra vagy terjesztsre vonatkoz sszes felttelnek elfogadst jelenti.</para>

<sect2 id="sect6" label="6">
<title>6. szakasz</title>

<para>Minden alkalommal, amikor a Program (vagy az azon alapul munka) tovbbadsa trtnik, a Programot megkap szemly automatikusan hozzjut az eredeti licencultadjonost szrmaz licenchez, amely a jelen szablyok szerint biztostja a jogot a Program msolsra, terjesztsre s mdostsra. Nem lehet semmilyen mdon tovv korltozni a fogad fne az itt megadott jogait. A Program tovbbadja nem felels harmadik szemlyekkel betartatni a jelen szablyokat.</para>

<sect2 id="sect7" label="7">
<title>7. szakasz</title>

<para>Ha brsgi hatrozat, szabadalomsrts vlelme, vagy egyb (nem kizrlag szabadalmakkal kapcsolatos) okbl olyan feltteleknek kell megfelelnie (akr brsgi hatrozat, akr meglapods, akr brmi ms eredmnyekpp), amelyek ellentesek a jelen felttelekkel, az nem menti fel a terjeszt a jelen felttelek figyelembevele all. Ha a terjeszts nem lehetsges a jelen Licenc s az egyb felttelek ktelezettsgeinek egyttes betartsval, akkor tilos a Program terjeszts. Ha pl dul egy szabadalmi szerzds nem engedi meg egy program jogdj nikli tovbbterjesztst azok szmra, akik kztvetve vagy kztvlnl megkajik, akkor az egyetlen mdja, hogy eleget tegyen valaki mindkt felttelnek az, hogy ell a program terjesztstl.</para>
Ha ennek a szakasznak brmely rsze rvnytelen, vagy nem rvnyesthet valamely krlnny folytn, akkor a szakasz maradk rszt kell alkalmazni, egyb esetekben pedig a szakasz egzsze alkalmazand.</para>

Ennek a szakasznak nem az a clja, hogy a szabadalmak vagy egyhasonl jogok megsrtsre sztnnn brkit is; mindssze meg szeretn vdeni a szabad szoftver terjeszttsi rendszernek egysgt, amelyet a szabad kzreadst szablyoz felteltrendszerek teretek teneg meg. Sok ember nagymrtkben jrult hozz az e rendszer keretben terjesztett, kinfle szoftverekhez, s szmt a rendszer kvetkezetes alkalmazsra; azt a szerz/adomnyoz dnti el, hogy a szoftvert ms rendszer szerint is kzz kvnja-e tenni, s a licencet kapk ezt nem befolyoshatj.</para>

E szakasz clja, hogy pontosan tisztzza azt, ami elgondolsunk szerint a jelen licenc tbbi rsznek a kvetkezmnye.</para>

Ha a Program terjesztse s/vagy hasznlnata egyes orszgokban nem lehetsges akr szabadalmak, akr szerzi jogokkal vdtt felletek miatt, akkor a Program szerzi jogainak eredeti tulajdonosa, aki a Programot ezen szablyozs alapjn adja kzo, egy explicit fdlrajzi megktst adhat a terjeszttsre, s egyes orszgokat kzkhat. Ebben az esetben gy tekintend, hogy a jelen licenc ezt a megktst is tartalmazza, ugyangy mintha csak a f szvegben lenne lerva.</para>

A Free Software Foundation idrl idre kiadja a General Public License dokumentum fellvizsglt s/vagy jabb vltozatait. Ezek az jabb dokumentumok az elzek szellemben kszlnnek, de rszletekben klnbzhetnek, hogy j problmkat vagy agglyokat is kezeljenek.</para>

Ha a Program szerzi jogi megjegyzsben egy bizonyos vagy annl jabb verzi van megjellve, akkor lehetsg van akr a megjellett, vagy a Free Software Foundation Ital kiadott ksbbi verziunak lertelet kvtser. Ha nincs ilyen megjellett verzi, akkor lehetsg van a Free Software Foundation Ital valaha kiboctott brmelyik dokumentum alkalmazsra.</para>

A Programot ms szabad szoftverbe, amelynek szerzi jogi szablyozsa klnzik, csak akkor ptheti be, ha a szerztl erre engedllyt szerzett. Abban az esetben, ha a program szerzi jogainak tulajdonosa a Free Software Foundation, akkor a Free Software Foundation cmre kell nni; nha kvtelt tesznk. A dnts a kvetkez kt el szem elt tartsv fgt trtnni: megmaradjon a szabad szoftveren alapul munkk szabad llapota, valamint segtse el a szoftver jrafelhasznlnst s megosztst.</para>

GARANCIAVLLALS HINYA
MÍVEL A JELEN PROGRAM HASZNÁLATI JOGA DIMENTES, AZ ALKALMAZHAT JOGSZABLYOK LTAL BIZTOSTOTT MAXIMLIS MRTKBEN VISSZAUTASTJUK A PROGRAMHOZ A GARANCIA BIZTOSTST. AMENNYiben A SZERZI JOGOK TULAJDONOSAI RSBAN MSKNT NEM NYILATKOZNAN. A PROGRAM A "JELEN LLAPOTBAN" KERL KIADSRA, MINDENFLE GARANCIAVLLALS NLKL, LEGYEN AZ KIFEJEZETT VAGY BELEERTETT, BELERTVE, DE NEM KIZRLAGOSAN A FORGALOMBA HOZHATSGRA VAGY ALKALMAZHATSGRA VONATKOZ GARANCIKAT. A PROGRAM MINSGBL S MKDSBL FAKAD SSZES KOCKZAT A FELHASZNLT TERHELI. HA A PROGRAM HIBSAN MKDIK, A FELHASZNLNak MAGNAK KELL VLLALNIA A JAVTSHOZ SZKSGES MINDEN KLTSGET.</para>

AMENNYiben A HATLYOS JOGszABLYOK VAGY A SZERZI JOGOK TULAJDONOSAI RSOS MEGLLAPODSBAN MSKNT NEM RENDELKEZNEK, SEM A PROGRAM SZERZIE, SEM MSOK, AKIK MDOSTOTTK S/VAGY TERJESZTETTK A PROGRAMOT A FENTIEKNEK MEGFELELEN, NEM TEHETK FELELS S KROKRT, BELERTVE MINDEN VLETLEN, VAGY KVETKEZMNYES KRT. AMELY A PROGRAM HASZNLATLB VAGY A HASZNLAT MEGAKADLYOZSBL SZRMAZIK (BELERTVE, DE NEM KIZRLAGOSAN AZ ADATVESZTST S A HELYTELEN ADATFELDOLGOZST, VALAMINT A MS PROGRAMOKkal VAL HIBS EGYTTMKDST), MG AKKOR SEM, HA EZEN FELEK TUDATBAN VOLTAK, HOgy ILyEN KROK KELETkeZHETNEK.
Preambule

Softwarov licence jsou v tinou navrny tak, e vm odebraj prvo svobodnho sdlen a prav program. Smyslem GNU General Public License je naproti tomu zaruit svobodu ke sdlen a pravm svobodnho softwaru - pro zajitn svobodnho pstupu k tomuto softwaru pro vechny jeho uivatele. Tato General Public License se vztahuje na vitn softwaru nadace Free Software Foundation a na jakkoli jin program, jeho autor se piklon k jejmu povnu. (Nkter dal software od Free Software Foundation je namsto toho pokryt GNU Lesser General Public License.) Mete ji rovn pout pro sv programy.

Pokud mluvme o svobodn software, mne na mysl svobodu, nikoliv cenu. Na General Public License je navrena pro zajitn toho, e mete svobodn it kopie svobodnho softwaru (a tovat si poplatek za tuto slu, pokud chcete), e obdrte zdrojov kd anebo jej mete zskat, pokud ho chcete, e mete tento software modifikovat nebo jeho sti pout v novch svobodnch programech; a e vte, e tyto vci sme dlat.
Abychom mohli vae prvchnit, musme vytvoit omezen, kter zak komukoli vm tato prva odeprat nebo vs dat, abyste se tcho prv vzdal. Tato omezen se promtaj do jistich povinnost, kterm muste dostt, pokud te kopie dotynho softwaru anebo ho modifikujete.</para>

Napklad, te-li kopie takovho programu, a ji zdarma nebo za poplatek, muste poskytnout pjemcm vechna prva, kter mte sm. Muste zaruít, e pjemci rovn dostanou anebo mohou zskat zdrojov kd. A muste jim ukzat tyto podminky, aby znali sv prva.</para>

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</listitem>
<listitem>
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</listitem>
</orderedlist>

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Konad, kad svobodn program je neustle ohroen softwarovmi patenty. Pejeme si zamezit nebezpe, e redistribuitor svobodnho programu obdr samostatn patentov osvden a tm uin program vzamn. Abychom tomu zamezili, deklarovali jsme, e kad patent mus bt bu vydn s tm, e umouje kadmu svobodn uit, anebo nesm bt vydn vbec.</para>

Pesn ustanoven a podminky pro koprovn, en a modifikaci jsou uvedeny dle.</para>

</sect1>

<sect1 id="terms" label="none">
<title>Ustanoven a podminky pro koprovn, distribuci a modifikaci</title>

Paragraf 0

Tato licence se vztahuje na kterkoliv program i jin dlo, kter obsahuje zmnku, umstnou v nm dritelem autorskch prv, o tom, e dlo me bt eno podle ustanoven GNU General Public License. V dalm textu znamen program kad takov program nebo dlo a dlo zaloen na programu znamen bu
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that you provide a warranty) and that users may redistribute the program
under these conditions, and telling the user how to view a copy of this
License.

<note>
<title>Exception:</title>
<para>
If the Program itself is interactive but does not normally print such an
announcement, your work based on the Program is not required to print an
announcement.
</para>
</note>

<Tyto poadavky se vztahuj k modifikovanmu dlu jako celku. Pokud lze identifikovat sti takovho dla, kter
zejm nejsou odvozeny z programu a mohou bt samy o sob rozumn povaovny za nezvisl a samostatn dla, pak se tato
licence a jej ustanoven nevztahuj na tyto sti, jsou-li eny jako nezvisl dla. Avak jakmile tyt sti roziujete jako st celku,
jin je dlo zaloen na programu, mus bt roziovn tohoto celku podzeno ustanovem tto licence tak, e povolen poskytnut
dalm uivatelm se roz na cel dlo, tedy na vechny jeho st bez ohledu na to, kdo kterou st napsal.</para>

<para>Smyslem tohoto paragrafu tedy nen zskn prv na dlo zcela napsan vmi ani poprn vaich prv vi nmu;
skutenm smyslem je vkon prva na zen distribuce odvozench nebo kolektivnych dl zaloench na programu.</para>

<Pouh spojen jinho dla, je nen na programu zaloeno, s programem (anebo dlem zaloenm na programu) na
pamovm nebo distribunm mdu neuvauje toto jin dlo do psobnosti tto licence.</para>

<sect2 id="sect3" label="3">
<title>Paragraf 3</title>

<para>You may copy and distribute the Program (or a work based on it, under
Section 2</para>) in object code or executable form under the terms of
Sections 1 and 2 above provided that
you also do one of the following:

<orderedlist numeration="loweralpha">
<li>
Accompany it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,
</para>
</listitem>
</listitem>
</para>
Accompany it with a written offer, valid for at least three years, to give any
third party, for a charge no more than your cost of physically performing source
distribution, a complete machine-readable copy of the corresponding source code,
to be distributed under the terms of Sections 1 and 2 above on a medium customarily
used for software interchange; or,
</para>
</listitem>
</listitem>
</para>
Accompany it with the information you received as to the offer to distribute
the corresponding source code. (This alternative is allowed only for noncommercial
distribution and only if you received the program in object code or executable form
with such an offer, in accord with Subsection b above.)
</para>
</listitem>
</orderedlist>
</para>

Zdrojov kd k dlu je nejvhodnj formou dla z hlediska jeho ppadnych modifikac. Pro dlo ve spustitelnm tvaru
znamen pln zdrojov kd veker zdrojov kd pro vechny moduly, kter obsahuje, plus jakkoli dal soubory pro definici
rozhran, plus dvkov soubory potebn pro kompilaci a instalaci spustitelnho programu. Zvltn vjimkou jsou vak ty
softwarov komponenty, kter jsou normln eny (bu ve zdrojov nebo binrn form) s hlavnmi soustmi operanho systmu,
na nm spustiteln program b (tj. s pekladaem, jdrem apod.). Tyto komponenty nemus bt eny se zdrojovm kdem,
pokud ovem komponenta sama nedoprovz spustitelnou podobu dla.

Je-li en objektovho nebo spustitelnho kdu inno nabdkou pstupu ke koprovn z uritho msta, potom se za
distribucí zdrojovho kdu pot i nabdnut ekvivalentnho pstupu ke koprovn zdrojovho kdu ze stejnho msta, by pitom
nejjsou tet strany neceny ke zkoprovn zdrojovho kdu spolu s objektovm.</para>

Paragraf 4
<title>Paragraf 4</title>

Nesmte koprovat, modifikovat, poskytovat sublicence anebo it program jinm zpsobem ne vslovn uvedenm
v tto licenci. Jakkoli jin pokus o koprovn, modifikovn, poskytnut sublicence anebo en programu je neplatn a
automaticky ukon vae prva dan touto licenc. Strany, kter od vs obdrely kopie anebo prva v souladu s touto licenc,
vak nemaj sv licence ukonen, dokud se jim pln podizuj.

Paragraf 5
<title>Paragraf 5</title>

Nen va povinnost tuto licenci pijmout, protoe jste ji nepodepsal. Nic jinho vm vak nedv monost koprovat
nebo it program nebo odvozen dla. V ppad, e tuto licenci nepijmete, jsou tyto inností zkonem zakzny. Tm pdem modifikac anebo enm programu (anebo kadho dla zaloenho na programu) vyjduje sv podzen se licenci a vem jej ustanovenm a podmnkm pro koprovan, modifikovn a en programu a dl na nm zaloench.</para>

</sect2>

<sect2 id="sect6" label="6">
<title>Paragraf 6</title>

<pokad, kdy redistribuuujete program (nebo dlo zaloen na programu), zskv pjemce od pvodnho dritele licence prvo koprovat, modifikovat a it program v souladu s tmito ustanovenmi a podmnkami. Nesmte klst dn dal pekky vkonu zde zaruncj pjemcovich prv. Nejste odpovdn za vymhn dodrovn tto licence teti stranami.</para>

</sect2>

<sect2 id="sect7" label="7">
<title>Paragraf 7</title>

<p>Jsou-li vm z rozhodnut soudu, obvinnm z poruen patentu nebo z jakhokoli jinho dvodu (nejen v souvislosti s patenty) uloeny takov podmnky (a ji pkazem soudu, smlouvou nebo jinak), kter se vyluuj s podmnkami tto licence, nejste tm osvobozen od podmnek tto licence. Pokud nemete it program tak, abyste vyhov zrove svm zvazkmy vyplvajc z tto licence a jinm platm zvazkm, nesmte jej v dsledku toho it vbec. Pokud by napklad patentov osvd nepovolvalo bezplatnu redistribuc programu vemi, kdo vam piinnm zskaj pmo nebo nepmo jeho kopie, pak by jedin mon zpsob jak vyhovt zrove patentovmu osvd i tto licenci spoval v ukonen distribuce programu.</para>

<p>Pokud by se za njakch specifickch okolnost jevila nkter st tohoto paragrafu jako neplatn nebo nevynutiteln, povauje se za smrodatnou rovnovha vyjden tmto paragrafem a paragraf jako celek se povauje za smrodatn za jinch okolnost.</para>

<p>Smyslem tohoto paragrafu nen navdt vs k poruovn patent i jinch ustanoven vlastnickho prva, anebo tato ustanoven zpochybovat; jednim jeho smyslem je ochrana integrity systmu en svobodnho softwaru, kter je podloen veejnymi licennmi pedpisy. Mnoz lid poskytli sv pspvky do irokho okruhu softwaru enho tmto systmem, spolehnuve se na jeho dsledn uplatovn; zle na autorovi/drci, aby rozhodl, zda si peje it software pomoc njakho jinho systmu a dn uivatel licence neme takov rozhodnut zpochybovat.</para>

<p>Smyslem tohoto paragrafu je zevrubn osvtlit to, co je povaoovne za dsledek plynouc ze zbytku tto licence.</para>

</sect2>

<sect2 id="sect8" label="8">
<title>Paragraf 8</title>

<p>Pokud je en i pouit programu v nkterch zemch omezeno bu patenty anebo autorsky chrnnmi rozhranmi, me dritel pvodnch autorskch prv, kter svuje program do psobnosti tto licence, pidat vslovn omezen pro geografick en, vyluuje takov zem, take en je povoleno jen v tch zemch nebo mezi tmi zemmi, kter nejsou tmito zpsobem vyloueny. Tato licence zahrnuje v tomto ppad takov omezen pesn tak, jako by bylo zapsno v textu tto licence.</para>

</sect2>
Free Software Foundation me as od asu vydavat upraven nebo nov verze General Public License. Takov nov verze se budou svm duchem podobat souasn verzi, v jednotlivostech se vah mohou liit s ohledem na nov problmy i zm.</para>

Kad verzi je pildno rozliuje slo verze. Pokud program specifikuje slo verze, kter se na nj vztahuje, a vechny nsledujc verze, mete se podle uven dit ustanovenmi a podminkami buto on konkrtn verze anebo kterkoliv nsledujc verze, kterou vydala Free Software Foundation. Jestli program nespecifikuje slo verze tto licence, mete si vybrat libovolnou verzi, kterou kdy Free Software Foundation vydala.</para>

Pokud si pejete zahrnout sti programu do jinch svobodnch program, jejich distribun podminky jsou odlin, zalete autorovi dost o povolen. V ppad softwaru, k nnm vlastn autorsk prva Free Software Foundation, napite Free Software Foundation; nkdy inme vjimky ze zde uvedench ustanoven. Nae rozhodnut bude vedeno dvma cli: zachovn svobodn povahy vech odvozenin naeho svobodnho softwaru a podporou sdlen a optovnho vyu softwaru obecn.</para>

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V DNM PPAD, S VJIMKOU TOHO, KDY TO VYADUJE PLATN ZKON, ANEBO KDY TO BYLO PSEMN ODSOHLASENO, VM NEBUDE DN Z DRITEL AUTORSKCH PRV ANI DN JIN STRANA, KTER SM MODIFIKOVAT I IT PROGRAM V SOULADU S PEDCHZMI USTANOVENMI, ODPOVDN ZA KODY, VETN VECH OBECNCH, SPECILNCH, NAHODILCH NEBO NSLEDNCH KOD VYPLVAJICH Z UVN ANEBO NESHOPNOSTI UVAT PROGRAMU (VETN, ALE NIKOLI JEN, ZTRTY NEBO ZKRESLEN DAT, NEBO TRVALCH KOD ZPSOBENCH VM NEBO TETM STRANM, NEBO SELHN FUNKCE PROGRAMU V SOUINNOSTI S JINMI PROGRAMY), A TO I V PPAD, E TAKOV DRITEL AUTORSKCH PRV NEBO JIN STRANA BYLI UPOZORNNI NA MONOST TAKOVCH KOD.
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msgstr ""

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"exchange for copies. If you distribute a large enough number of copies you "
"must also follow the conditions in <link linkend="fdl-section3">section 3</link>.

msgid ""

"<link linkend="fdl-document">
"</link> "

"<link linkend="fdl-section3"> 3</link>."

"
"You may also lend copies, under the same conditions stated above, and you "
"may publicly display copies."

msgstr ""
"", "
"."

#. (itstool) path: sect1/title
#: C/index.docbook:211
msgid "COPYING IN QUANTITY"
msgstr ""

#. (itstool) path: sect1/para
#: C/index.docbook:212
msgid ""
"If you publish printed copies of the <link linkend="fdl-document"/>
"Document</link> numbering more than 100, and the Document's license "
"notice requires <link linkend="fdl-cover-texts">Cover Texts</link>, you "
"must enclose the copies in covers that carry, clearly and legibly, all these "
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"verbatim copying in other respects."
msgstr ""
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"  <link linkend="fdl-cover-texts"">" 
"</link>, "
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". <link linkend="fdl-" 
"document"></link> , "
". "

#. (itstool) path: sect1/para
#: C/index.docbook:230
msgid ""
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"considered part of the section titles."
msgid ""
" <link linkend="\"fdl-invariant\""> </link>
"link> <link linkend="\"fdl-document\""></link>, "
" .
" .
#. (itstool) path: listitem/para
#: C/index.docbook:407
msgid ""
"Delete any section entitled <quote>Endorsements</quote>. Such a section may "
"not be included in the <link linkend="\"fdl-modified\"">Modified Version</link>.
"link>.
msgid ""
"   <quote></quote>.    
"       <link linkend="fdl-" "modified"> </link>.
#. (itstool) path: listitem/para
#: C/index.docbook:416
msgid ""
"Do not retitle any existing section as <quote>Endorsements</quote> or to "
"conflict in title with any <link linkend="\"fdl-invariant\"">Invariant "
"Section</link>.
msgid ""
"   
"<quote></quote>   
"\"fdl-invariant\""> </link>.
#. (itstool) path: sect1/para
#: C/index.docbook:425
msgid ""
"If the <link linkend="\"fdl-modified\"">Modified Version</link> includes new "
"front-matter sections or appendices that qualify as <link linkend="\"fdl-" "secondary\">Secondary Sections</link> and contain no material copied from "
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msgid ""
"   <link linkend="\"fdl-modified\""> </link> "
"   , <link > "
"linkend="\"fdl-modified\""> </link>, "
" .
" .
"<link linkend="\"fdl-secondary\""> </link> "
" .
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msgstr ""
"  .  <link "
"linkend="fdl-document"></link>  "
" <quote> "
" </quote>.  "
"  .  "
"  (  ) "
"  .  "
"  (  "
")  (FSF)."

#. (itstool) path: sect1/title
#: C/index.docbook:614
msgid "Addendum"
msgstr ""

#. (itstool) path: sect1/para
#: C/index.docbook:615
msgid ""
"To use this License in a document you have written, include a copy of the "
"License in the document and put the following copyright and license notices "
"just after the title page:"
msgstr ""
"  .  "
"  .  "
"  .  "
"  ;  "

#. (itstool) path: blockquote/para
#: C/index.docbook:622
msgid "Copyright  YEAR YOUR NAME."
msgstr "Copyright  ."

#. (itstool) path: blockquote/para
#: C/index.docbook:625
msgid ""
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"version published by the Free Software Foundation; with the <link linkend=""\"fdl-invariant\"">Invariant Sections</link> being LIST THEIR TITLES, with "
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"and with the <link linkend="fdl-cover-texts">Back-Cover Texts</link> being "
"LIST. A copy of the license is included in the section entitled "GNU "
"Free Documentation License".
msgstr ""
" , / "
" 1.1 GNU "
"(GFDL), "
" (FSF) <link linkend="fdl-invariant"> </link>
" <link>, <link> "
\"</link>, <link> "
\"</link> ."
" <quote>GNU Free "
"Documentation License".

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#: C/index.docbook:640
msgid ""
"If you have no <link linkend="fdl-invariant">Invariant Sections</link>, "
"write <quote>with no Invariant Sections</quote> instead of saying which ones "
"are invariant. If you have no <link linkend="fdl-cover-texts">Front-Cover "
"Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "
"<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend=""fdl-cover-texts">"Back-Cover Texts</link>."
msgstr ""
" <link linkend="fdl-invariant"> </link>, <quote> </quote>, "
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\"</quote> <link linkend=""fdl-cover-texts"'
\"</link>.

#. (itstool) path: sect1/para
#: C/index.docbook:650
msgid ""
"If your document contains nontrivial examples of program code, we recommend "
"releasing these examples in parallel under your choice of free software "
"license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html"> GNU General Public License</ulink>, to permit their use in free "
"software." msgstr ""
" " 
" 
" 

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</sect1>

sect1 id="fdl-section8" label="8"
<title>BERSETZUNG</title>

</sect1>

sect1 id="fdl-section9" label="9"
<title>TERMINATION</title>
<para>Sie dürfen das <link linkend="fdl-document">Dokument</link> nicht kopieren, modifizieren, sublizenzen oder vertreiben, aber wie es diese Lizenz ausdrücklich vorschreibt. Jegliche andere Absicht, das Dokument zu kopieren, modifizieren, sublizenzen oder vertreiben, ist nichtig und beendet automatisch Ihre Rechte unter dieser Lizenz. Wie auch immer, Parteien, die Kopien oder Rechte von Ihnen unter dieser Lizenz bekommen haben, wird nicht die Lizenz beendet, solange diese Parteien in voller Zustimmung verbleiben.</para>

</sect1>

sect1 id="fdl-section10" label="10"
<title>ZUKNFTIGE REVISIONEN DIESER LIZENZ</title>


</sect1>

sect1 id="fdl-using" label="none"
<title>Anhang</title>
Um diese Lizenz in einem von Ihnen geschriebenen Dokument nutzen zu können, fügen Sie eine Kopie der Lizenz in das Dokument ein und setzen Sie die folgenden Copyright- und Lizenzhinweise gleich hinter die Titelseite:

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# Ukrainian translation of gnome-lgpl manual.
# Copyright (C) 1999 Free Software Foundation, Inc.
# Maxim Dziumanenko <dziumanenko@gmail.com>, 2006
msgid ""
msgstr ""
"Project-Id-Version: gnome-lgpl manual\n"
"Report-Msgid-Bugs-To: \n"
"POT-Creation-Date: 2007-03-12 09:52+0200\n"
"PO-Revision-Date: 2007-03-12 22:24+0300\n"
"Last-Translator: Maxim Dziumanenko <dziumanenko@gmail.com>\n"
"Language-Team: Ukrainian <uk@li.org>\n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=UTF-8\n"
"Content-Transfer-Encoding: 8bit\n"

#: ../C/lgpl.xml:17(title)
msgid "GNU Lesser General Public License"
msgstr "GNU Lesser General Public License"

#: ../C/lgpl.xml:19(year)
msgid "2000"
msgstr "2000"

#: ./C/lgpl.xml:20(holder)
msgid "Free Software Foundation, Inc."
msgstr "Free Software Foundation, Inc."

#: ./C/lgpl.xml:23(surname)
msgid "Free Software Foundation"
msgstr "Free Software Foundation"

#: ./C/lgpl.xml:26(publishername)
msgid "GNOME Documentation Project"
msgstr "  GNOME"

#: ./C/lgpl.xml:30(revnumber)
msgid "2.1"
msgstr "2.1"

#: ./C/lgpl.xml:31(date)
msgid "1999-02"
msgstr "1999-02"

#: ./C/lgpl.xml:35(para)
msgid ""<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth Floor</street>, <city>Boston</city>, <state>MA</state><postcode>02110-1301</postcode><country>USA</country></address>.”
msgstr ""<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth Floor</street>, <city>Boston</city>, <state>MA</state><postcode>02110-1301</postcode><country>USA</country></address>.”

#: ./C/lgpl.xml:43(para)
msgid "Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed."
msgstr "Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed."

#: ./C/lgpl.xml:48(releaseinfo)
msgid "Version 2.1, February 1999"
msgstr "2.1, 1999"

#: ./C/lgpl.xml:51(para)
msgid "The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are"
“intended to guarantee your freedom to share and change free software - to "
"make sure the software is free for all its users."
msgid ""
" "
" . GNU,"
" ", "
" . "
" ."

#: ./C/lgpl.xml:61(title)
msgid "Preamble"
msgstr ""

#: ./C/lgpl.xml:63(para)
msgid ""
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public Licenses are "
"intended to guarantee your freedom to share and change free software--to "
"make sure the software is free for all its users."
msgid ""
" "
" . GNU,"
" ", "
" . "
" ."

#: ./C/gpl.xml:70(para)
msgid ""
"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."
msgid ""
" "
" , "
" . "
" , "
" "
" ( , ), "
" ( ), "
" "
" 
".

#: ./C/gpl.xml:79(para)
msgid ""
"This license, the Lesser General Public License, applies to some specially "
"designated software packages--typically libraries--of the Free Software "

"Foundation and other authors who decide to use it. You can use it too, but "
"we suggest you first think carefully about whether this license or the "
"ordinary General Public License is the better strategy to use in any "
"particular case, based on the explanations below."

msgid ""
"    GNU, "
"    -- --"
"    , "
"    , "
"    , "
"    , "
"
#: ../C/lgpl.xml:88(para)
msgid ""
"When we speak of free software, we are referring to freedom of use, not "
"price. Our General Public Licenses are designed to make sure that you have "
"the freedom to distribute copies of free software (and charge for this "
"service if you wish); that you receive source code or can get it if you want "
"it; that you can change the software and use pieces of it in new free "
"programs; and that you are informed that you can do these things."

msgid ""
"    , "
"    , "
"    , "
"    , "
"    ( , ), "
"    ( "
"    ), "
"    "
"    , "
"
#: ../C/lgpl.xml:98(para)
msgid ""
"To protect your rights, we need to make restrictions that forbid "
"distributors to deny you these rights or to ask you to surrender these "
"rights. These restrictions translate to certain responsibilities for you if "
"you distribute copies of the library or if you modify it."

msgid ""
"    , "
"    , "
"    , "
"    , "
"    , "
"    , "
"
#: ../C/lgpl.xml:105(para)
msgid ""
"For example, if you distribute copies of the library, whether gratis or for "
"a fee, you must give the recipients all the rights that we gave you. You "
"must make sure that they, too, receive or can get the source code. If you "
"link other code with the library, you must provide complete object files to "
"the recipients, so that they can relink them with the library after making "
"changes to the library and recompiling it. And you must show them these "
"terms so they know their rights."

msgid ""
msgstr ""

#: ../C/lgpl.xml:115(para)
msgid ""
msgstr ""

#: ../C/lgpl.xml:121(para)
msgid ""
msgstr ""

#: ../C/lgpl.xml:130(para)
msgid ""
msgstr ""
"specified in this license."

msgid ""

msgstr ""

"Most GNU software, including some libraries, is covered by the ordinary GNU "
"General Public License. This license, the GNU Lesser General Public License, "
"applies to certain designated libraries, and is quite different from the "
"ordinary General Public License. We use this license for certain libraries "
"in order to permit linking those libraries into non-free programs."

msgid ""

msgstr ""

#: ../C/lgpl.xml:148(para)
msgid ""

msgstr ""

#: ../C/lgpl.xml:158(para)
msgid ""

msgstr ""

#: ../C/lgpl.xml:158(para)
msgid ""

msgstr ""

"We call this license the "Lesser" General Public License because it does "
"Less to protect the user's freedom than the ordinary General Public License."
"It also provides other free software developers Less of an advantage over "
"competing non-free programs. These disadvantages are the reason we use the "
"ordinary General Public License for many libraries. However, the Lesser "
"license provides advantages in certain special circumstances."

msgid ""
"\"\" . "
" . "
" . "
" . "
" . "
" . "
#: ../C/lgpl.xml:168(para)

msgid ""
"For example, on rare occasions, there may be a special need to encourage the "
"widest possible use of a certain library, so that it becomes a de-facto "
"standard. To achieve this, non-free programs must be allowed to use the "
"library. A more frequent case is that a free library does the same job as "
"widely used non-free libraries. In this case, there is little to gain by "
"limiting the free library to free software only, so we use the Lesser "
"General Public License."

msgid ""
"\"\" . "
", , "
" . 
" . 
" . "
#: ../C/lgpl.xml:178(para)

msgid ""
"In other cases, permission to use a particular library in non-free programs "
"enables a greater number of people to use a large body of free software. For "
"example, permission to use the GNU C Library in non-free programs enables "
"many more people to use the whole GNU operating system, as well as its "
"variant, the GNU/Linux operating system."

msgid ""
"\"\" . "
" . "
" GNU \"\" "
" GNU, GNU/Linux."

#: ../C/lgpl.xml:187(para)
Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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Each copy of the program must contain the above copyright notice and this permission notice.

The Library may be used and modified by you under the terms of this License to create other works that combine it with, or extract it from, other software libraries, or to modify or otherwise make contributions to the Library.

A "machine-readable copy" of the Library means any representation of a work, independent of any interface to any computer-readable storage medium, in a form suitable for a user to use in a programming environment.

The "Library" means any machine-readable copy of a work that is the subject of this License.

The "work" means the Library, plus any additional works that reside in the same directory structure. The "work" also means any work that is derived from the Library by means of the process of interweaving or combining some of the code from the Library with some of the code from an application program written using the Library.

"Library Version" means any of the versions of the Library for all time. This License does not apply to any other work based on the Library or any other work containing a notice placed by the copyright holder on the Library showing that it is based on the Library.

The "modified version" of the Library means any work containing the Library, but not also all of the Library, plus some of the code of the application program, but produced independently from the Library and while it was under version control using a version control system such as CVS, RCS, or Subversion.

The "work on the Library" means either the work of authoring the Library, or the work of authoring a modified version of the Library.

The "complete machine-readable contents of the Library" mean all parts of the source code for all of the separate works that comprise the Library, including those to which the copyleft was not applied. If a program is modified by someone other than you, under version control systems like CVS, RCS, or Subversion, then the complete machine-readable contents of the Library means the understanding that each "work on the Library" means all modifications since the last time the program read the version control database.

"You" is not restricted to a single programmer, but all those who modify or use the Library.

The "License" means this document. You may use this License if you want to copy, link, or modify the Library or any covered work within the conditions described below.

In the following, some terms are used. These terms will be defined in greater detail below.
A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program
"using the Library is not restricted, and output from such a program is "
"covered only if its contents constitute a work based on the Library "
"(independent of the use of the Library in a tool for writing it). Whether "
"that is true depends on what the Library does and what the program that uses "
"the Library does."

The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage medium does not bring the other work under the scope of this License.
"You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of <link linkend="sect2">Section 1</link> above, provided that you also meet all of these conditions:"

"<placeholder-1/>"

"You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices."

"Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy."
This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

You may copy and distribute the Library (or a portion or derivative of it, "under Section 2") in object code or "executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange."

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.
Section 5

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a work that uses the Library. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a work that uses the Library with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a work that uses the library. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a work that uses the Library uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure 
layers and accessors, and small macros and small inline functions (ten 
lines or less in length), then the use of the object file is unrestricted, 
regardless of whether it is legally a derivative work. (Executables 
containing this object code plus portions of the Library will still fall 
"under <link linkend="sect6">Section 6</link>.)"

Otherwise, if the work is a derivative of the Library, you may distribute 
"the object code for the work under the terms of <link linkend="sect6" 
>\"Section 6\". Any executables containing that work also fall under " 
"<link linkend="sect6">Section 6</link>, whether or not they are linked " 
"directly with the Library itself."

As an exception to the Sections above, you may also combine or link a "work " 
"that uses the Library\" with the Library to produce a work containing " 
"portions of the Library, and distribute that work under terms of your "

"choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications."

msgid ""
msgstr ""

"Accompany the work with the complete corresponding machine-readable source "
"code for the Library including whatever changes were used in the work (which "
"must be distributed under Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above); and, if the work is an executable "
"linked with the Library, with the complete machine-readable <quote>work that "
"uses the Library</quote>, as object code and/or source code, so that the "
"user can modify the Library and then relink to produce a modified executable "
"containing the modified Library. (It is understood that the user who changes "
"the contents of definitions files in the Library will not necessarily be "
"able to recompile the application to use the modified definitions.)"
Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things: <placeholder-1/>
For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.
"You may place library facilities that are a work based on the Library side-
"by-side in a single library together with other library facilities not 
"covered by this License, and distribute such a combined library, provided 
"that the separate distribution of the work based on the Library and of the 
"other library facilities is otherwise permitted, and provided that you do 
"these two things:

msgstr"
"  
"  
"  
"  
"  
"  
"  

#: ../C/lgpl.xml:559(para)
msgid"
"Accompany the combined library with a copy of the same work based on the 
"Library, uncombined with any other library facilities. This must be 
"distributed under the terms of the Sections above."

msgid"
"  
"  
"  

#: ../C/lgpl.xml:567(para)
msgid"
"Give prominent notice with the combined library of the fact that part of it 
"is a work based on the Library, and explaining where to find the 
"accompanying uncombined form of the same work."

msgid"
"  
"  

#: ../C/lgpl.xml:577(title)
msgid"Section 8"
msgstr" 8"

#: ../C/lgpl.xml:579(para)
msgid"
"You may not copy, modify, sublicense, link with, or distribute the Library 
"except as expressly provided under this License. Any attempt otherwise to 
"copy, modify, sublicense, link with, or distribute the Library is void, and 
"will automatically terminate your rights under this License. However, 
"parties who have received copies, or rights, from you under this License 
"will not have their licenses terminated so long as such parties remain in 
"full compliance."
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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

If any of the sentences in this section are found to be invalid or unenforceable for any reason (including the reason that the license or distribution of the Library by itself or in combination with other software would infringe a patent), the libTBX license shall continue to be available to all receivers of the Library who would have received copies without侑 their agreement and who shall not have included a notice that asserted their Right to Stop Distribution. Thus, no receiver shall be liable for anything that might otherwise be a violation of the rights specified in this section.

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"whose distribution conditions are incompatible with these, write to the"
"author to ask for permission. For software which is copyrighted by the Free"
"Software Foundation, write to the Free Software Foundation; we sometimes"
"make exceptions for this. Our decision will be guided by the two goals of"
"preserving the free status of all derivatives of our free software and of"
"promoting the sharing and reuse of software generally."

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"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE"
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"INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND"
"FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND"
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#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
#: ../C/lgpl.xml:0(None)
msgid "translator-credits"
msgstr " <mvd@mylinux.ua>"
</article>
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<para>
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</para>

<sect id="sect4" label="4">
<title>Section 4</title>

<para>
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</para>

<para>
If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.
</para>
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However, linking a work that uses the Library with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a work that uses the library. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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interface-compatible with the version that the work was made with.
</para>
</listitem>
</listitem>
<para>
Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in <link linkend="sect6a">Subsection 6a</link> above, for a charge no more than the cost of performing this distribution.
</para>
</listitem>
</listitem>
<para>
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</para>
</listitem>
</listitem>
<para>
Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
</para>
</listitem>
</orderedlist>
</para>

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</para>

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</sect2>
Section 7

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</para>
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</para id="fdl-invariant">&lt;quote&gt;Atal aldaezinak&lt;/quote&gt; &lt;link linkend="fdl-secondary">Atal sekundario&lt;/link&gt; jakin batzuk dira; &lt;link linkend="fdl-document">Dokumentua</link&gt; Lizentzia honen baldintzean pean argitaratzen dela esaten duen oharrean zehazten dira Atal aldeainen izenburrak.&lt;/para&gt;

</para id="fdl-cover-texts"><quote>Azaleko testuak</quote> testu zati laburrak dira eta Aurreko azaleko testu edo Atzeko azaleko testu gisa aipatzen dira &lt;link linkend="fdl-document">Dokumentua</link&gt; Lizentzia honen pean argitaratzen dela dioen oharrean.&lt;/para&gt;

</para id="fdl-transparent"><link linkend="fdl-document">Dokumentu</link>aren kopia &lt;quote&gt;gardena&lt;/quote&gt; makina bidez irakurtxeko moduko kopia da eta, gainera, publiko orokorrak erabiltzeko moduko formatuduna, zuzenean testu-editore arruntekin ikusi eta edita daitekeena, edo, pixeletxen osatutako irudia bada, pintatzeko editore orokorrak edatzea moduko kopia edo, marrazkia bada, marrazkxi-editore oso erabilgarrikin edatzea moduko kopia; horrez gain, testu-formateatzaileetan sargai edo input gisa erabil daitekeena, edo testu-formateatzaileetan sargai edo onartzen duten formatuetako batera automatikoki itzul daitekeena. Beste era bateko fitxategi-formatu Gardenean egindako kopia, irakurleek aldatetak egiteko eragozenak eta trabak jartzeko diseinatutako marka-sistema duena ez da Gardena. &lt;quote&gt;Gardena&lt;/quote&gt; ez den kopiari &lt;quote&gt;opako&lt;/quote&gt; deitzeten zaio.&lt;/para&gt;

</para id="fdl-title-page">&lt;quote&gt;Titulu-orriak&lt;/quote&gt; esan nahi duena zera da: inprimatutako liburu bati dagokionez, titulu-orria bera eta Lizentzia honek titulu-orrian agertzera behartzen duen materiala modu irakurgarrian biltzeko behar diren orriak. Berez titulu-orriko ez duten formatuetan egindako lanetan, &lt;quote&gt;Titulu-orriak&lt;/quote&gt; esan nahi duena da, testuen gorputza hasi aurretik, gehien nabarmenduta agertzzen lanaren tituluaren ondoan agertzen den testua. &lt;/para&gt;</sect1>

</sect1 id="fdl-section2" label="2">&lt;title&gt;KOPIA LITERALAK&lt;/title&gt; &lt;para&gt;&lt;link linkend="fdl-document">Dokumentua</link&gt; edozein euskarritan kopiatu eta banatu dezakezu, komertzialki zein ez-komertzialki, baldin eta Lizentzia hau, copyright-oharrak eta Dokumentuari Lizentzia hau aplikatzen zaiola adierazten duen lizentzia-oharra jartzen bazaia kopia guztieta, eta Lizentzia honi beste inolako baldintzariak gehitzen ez badiozu. Egiten edo banatzen dituzun kopietan ezin da erabili irakurketa edo kopiarik egitea eragoten edo kontrolatzen duen inolako balabide teknikorik. Nolanahi ere, kopiai egitearen truke ordainaz jasotzea onartzen da. Kopia asko banatzen baduzu (hurrengo atalean zehazten da kopurua), &lt;link linkend="fdl-section3">3. ataleko&lt;/link&gt; baldintzak ere bete behar dituzu.</para&gt;
Goian azaldutako baldintza berdinen pean kopiak mailegutan ere utz ditzakezu, eta kopiak jendaurrean erakutsi ere bai.<para>
</sect1>

KANTITATE HANDIAK KOPIATZEA</title>


Bertsio aldatua kopiatu eta banatu dezakezu baldin eta hemen goiko kopia <link linkend="fdl-section2">2</link> eta <link linkend="fdl-section3">3</link> atzeko baldintzak betetzen baditu, kontuan izanik betiere Bertsio aldatua Lizentzia honen pean banatu behar duzu, Bertsio aldatua izanik Dokumentuaren funtzioa beteko duena, eta, beraz, Bertsio aldatua banatzeko edo aldatzeko baimena eman behar diozulo kopiar bat duen edonori. Horrez gainera, honako hauek egin behar dituzu Bertsio Aldatuan:</para>

Titulu-orri</link>an (eta azaletan, azalik badu) <link linkend="fdl-document">Dokumentu</link>aren aurreko bertsioa ez den beste edozein titulu bat erabili behar duzu
(aurreko bertsiorik badago, Dokumentuaren Historiaren atalean zerrendatuta egongo da). Aurreko bertsio horietako baten titulu bera erabil dezakezu, baldin eta jatorrizko argitaratzaileak horretarako baimena ematen badu.</para>
</listitem>

<li><para><link linkend="fdl-title-page">Titulu-orri</link>an, autore gisa, <link linkend="fdl-modified">Bertsio aldatu</link>an aldaketak egin dituen pertsona edo erakunde baten edo geihagoren izena jarri behar duzu, eta, horrekin batera, <link linkend="fdl-document">Dokumentu</link>aren bost egile nagusien izena gutxienez (eta bost baino gutxiago badira, guztienez).</para>
</listitem>

<li><para><link linkend="fdl-title-page">Titulu-orri</link>an <link linkend="fdl-modified">Bertsio aldatu</link>aren argitaratzailearen izena jarri behar duzu, argitaratzaile gisa.</para>
</listitem>

<li><para><link linkend="fdl-document">Dokumentu</link>aren copyright-ohar guztiak gorde behar dituzu.</para>
</listitem>

<li><para>Zure aldaketei dagokien copyright-oharra gehitu behar duzu beste copyright-oharren ondoan.</para>
</listitem>

<li><para>Copyright-oharren jarraian, lizentzia-ohar bat ipini behar duzu, jendeari baimena emateko <link linkend="fdl-modified">Bertsio aldatu</link> erabil dezan Lizentzia horren baldintzen pean, beheko Eranskinean azaltzen den bezala.</para>
</listitem>

<li><para>Lizentzia-ohar horretan <link linkend="fdl-document">Dokumentu</link>aren lizentzia-oharrean adierazitako <link linkend="fdl-invariant">Atal aldaezin</link> eta jarri beharreko <link linkend="fdl-cover-texts">Azaleko testu</link> guztiaren zerrenda gorde behar duzu.</para>
</listitem>

<li><para>Lizentzia honen kopia ere, aldaketarik gabe jarri behar duzu.</para>
</listitem>

<li><para><quote>Historia</quote> izeneko atala gorde behar duzu, baita bere tituluarenez, eta gutxienez <link linkend="fdl-modified">Bertsio aldatuaren</link> izenburua, urtea, autore berriak eta argitaratzailea aipatuko dituen elementu bat gehitu behar diozu, <link linkend="fdl-title-page">Titulu-orri</link> an agertzen den bezala. <quote>Historia</quote> izeneko atal ez badago <link linkend="fdl-document">Dokumentu</link>an, zeuk sortu beharko duzu, Dokumentuaren tituluarena, urtea, autoreak eta argitaratzailea adieraztuko Dokumentuaren Titulu-orrian agertzen den bezala, eta, gainera, Bertsio aldatu deskribatzeko beste elementu bat gehitu beharko duzu aurreko esaldian azalduzako moduan.</para>
</listitem>
Dokumentuaren kopia <link linkend="fdl-transparent">Gardena</link> publikoki atzitzeko <link linkend="fdl-document">Dokumentu</link>an ematen den sare-helbidea (helbiderik ematen bada) gorde behar duzu, eta, era berean, Dokumentuaren oinarrizko lanari izan diren aurreko bertsioentzat ematen diren sare-helbideak ere bai. Helbide horiek <quote>Historia</quote> atalean sar daitezke. Sare-helbideak ez dira nahitaez jarri behar, Dokumentua bera baino gutxienez lau urte lehenago argitaratutako lanari dagokionak baldin badira, edo horretarako baimena ematen badu bertsoa jatorrizko argitaratzaileak. </para>

</listitem>

</listitem>

<para>Dokumentuaren kopia <link linkend="fdl-transparent">Gardena</link> publikoki atzitzeko <link linkend="fdl-document">Dokumentu</link>an ematen den sare-helbidea (helbiderik ematen bada) gorde behar duzu, eta, era berean, Dokumentuaren oinarrizko lanari izan diren aurreko bertsioentzat ematen diren sare-helbideak ere bai. Helbide horiek <quote>Historia</quote> atalean sar daitezke. Sare-helbideak ez dira nahitaez jarri behar, Dokumentua bera baino gutxienez lau urte lehenago argitaratutako lanari dagokionak baldin badira, edo horretarako baimena ematen badu bertsoa jatorrizko argitaratzaileak. </para>

</listitem>

</listitem>

</para>Eskertzak</quote> edo <quote>Eskaintzak</quote> izeneko edozein ataletan, atalaren titulua gorde behar da, eta ataleko eskertz edota eskaintza bakoitzean egileak darabilen gai eta tonua errespetatu behar dira.</para>

</listitem>

</listitem>

<para>Errespetatu <link linkend="fdl-document">Dokumentu</link>aren <link linkend="fdl-invariant">Atal aldaezin</link> guztiak, testuak eta tituluak batere aldatu gabe. Atal-zenbakiak edo haien baliokideak ez dira atalaren tituluaren zatitzat hartzen.</para>

</listitem>

</listitem>

</para>Ezabatu <quote>Oniritziak</quote> titulua duen edozein atala. Horrelako atal bat ezin da <link linkend="fdl-modified">Aldatutako bertsio</link>aren barruan egon.</para>

</listitem>

</listitem>

<para>Lehendik dagoen atal bati ez jarri <quote>oniritziak</quote> titulua ez eta <link linkend="fdl-invariant">Atal aldaezin</link>en baten tituluarekin gatazka sor lezakeena ere.</para>

</listitem>

</listitem>

<para>Ezabatu <quote>Oniritziak</quote> titulua duen edozein atala. Horrelako atal bat ezin da <link linkend="fdl-modified">Aldatutako bertsio</link>aren barruan egon.</para>

</listitem>

</listitem>

<para>Ezabatu <quote>Oniritziak</quote> titulua duen edozein atala. Horrelako atal bat ezin da <link linkend="fdl-modified">Aldatutako bertsio</link>aren barruan egon.</para>

</listitem>


<para>Gehienez bost hitz dituen pasartea gehi deozakezu <link linkend="fdl-cover-texts">Aurreko azaleko testu</link> gisa, eta gehienez 25 hitzeko pasartea <link linkend="fdl-cover-texts">Atzeko azaleko testu</link> gisa <link linkend="fdl-modified">Bertsio aldatuak</link>aren <link linkend="fdl-cover-texts">Azaleko testu</link> en
zerrendaren bukaeran. Aurreko azaleko testu bat eta Atzeko azaleko testu bat gehi daiteke entitate baten bidez (edo entitate batek egindako egokitzapenen bidez). Dagoeneko <link linkend="fdl-document">Dokumentu</link>ak azaleko testua baldin badauak azal berarentzat, aurretik zek edo zu ordezkatzen zaituen entitateak gehitutakoak, ezingo duzu beste testurik gehitu, baina nahi izanez gero, lehendik dagoena ordeztu dezakezu, testu Zaharra gehitu zuen argitaratzailearen baimen esplizitua baldin baduzu.</para>

<para>Lizentzia honen bidez <link linkend="fdl-document">Dokumentu</link>aren autoreak (edo autoreek) eta argitaratzaileak (edo argitaratzaileen) ez dute baimenik ematen haien izenak publizitatean erabiltzeko edo <link linkend="fdl-modified">Bertsio aldatu</link>en oniritzia eragiteko edo adierazteko</para>

</sect1>

<sect1 id="fdl-section5" label="5">
<title>DOKUMENTUAK KONBINATZEA</title>
<para>Lizentzia honen pean argitaratutako Beste dokumentu batzuekin konbina dezakezu <link linkend="fdl-document">Dokumentua</link>, goian <link linkend="fdl-section4">4. atalean</link> biltzen diren baldintzak betetzeta badiatu eta bateratzean jatorrizko dokumentuen <link linkend="fdl-invariant">Atal aldaezin</link> guztiak sartzen baldi berarentzat, aurretik edo zu ordezkatzen zaituen entitateak gehitutakoak, ezingo duzu beste testurik gehitu, baina nahi izanez gero, lehendik dagoena ordeztu dezakezu, testu Zaharra gehitu zuen argitaratzailearen baimen esplizitua baldin baduzu. Egin ezzazeri egokitzapen bera Atal aldeezinen sarrera fazean konbina dezakezu, eta guztiak Alde aldeezinen zerrendatuta, zure lan konbinatuaren lizentzia-oharrean.</para>

<para>Lan konbinatuak Lizentzia honen kopiamak bakar baino ez du behar, eta hainbat <link linkend="fdl-invariant">Alde aldeezin</link> berdin badaude, kopian bakarrarekin ordeztu daitezke. Izena bera baina eduki ezberdina duten hainbat Alde aldeezin baldin badaude, atal bakoitzaren titulua desberdindu eta titulu bakar bihur ezauzu, bukaeran autorearen edo argitaratzailearen izena jarriz parentesi artean, edo errepiatzen ez den zenbaki bat. Egin ezzazeri egokitzapen bera Atal aldeezinen sarrera fazean konbina dezakezu, eta guztiak Alde aldeezinen zerrendatuta, zure lan konbinatuaren lizentzia-oharrean.</para>

<para>Konbinazioan, jatorrizko dokumentuetan <quote>Historia</quote> titulua duten atalak konbinatu behar dituztu, eta <quote>Historia</quote> tituludun atal bakar bat osatu. Era berean, <quote>Eskertzak</quote> eta <quote>Eskaintzak</quote> tituluak dituzten alde guztiak bateratu. <quote>Oniritziak</quote> titulua duten sekzio guztiak, aldiz, ezabatu egin behar dituzu.</para>

</sect1>

<sect1 id="fdl-section6" label="6">
<title>DOKUMENTU-BILDUMAK</title>
<para><link linkend="fdl-document">Dokumentu</link> honekin eta lizentzia honekin argitaratutako beste dokumentu batzuekin bilduma bat osa dezakezu, eta, dokumentu bakoitzarekin batera ematen den Lizentziaren kopiarren ordez, Lizentzia bakarra eman dezakezu bilduma osorentzat, baldin eta dokumentu bakoitzarekin kopia literalak egiteko lizentzia honek ezartzen dituen baldintzak betetzeta baditu beste alderdi guztiei dagokienez.</para>

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</sect1>
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Dokumentua edo dokumentuaren eratorriak beste dokumentu edo lan bereizti batzuekin batera elkartzea --biltegi-bolumen batean edo banaketarako euskarri batean-- ez da Dokumentuaren bertsoaldatuaren tzat jotzen bere osotasunean, non eta ez den konpilazioaren bertsio-copyrightik eskatzen. Horrelako konpilazioe esaten zaie, eta Lizentzia hauta ez zaie aplikatuko Dokumentuarekin batera konpilazioan sartutako gainerrako lanei, konpilazioa sartu izanagatik bakarrik, baldin eta ez badira Dokumentuaren lan erortzat. <link linkend="fdl-modified">Bertsio aldatu</link>tzat jotzen bere osotasunean, non eta ez den konpilazioaren bertsio-copyrightik eskatzen. Horrelako konpilazioe esaten zaie, eta Lizentzia hauta ez zaie aplikatuko Dokumentuarekin batera konpilazioan sartutako gainerrako lanei, konpilazioa sartu izanagatik bakarrik, baldin eta ez badira Dokumentuaren lan erortzat. 

ITZULPENA

Itzulpena aldaketatzat jotzen da, eta, beraz, <link linkend="fdl-document">Dokumentua</link>aren itzulpenak <link linkend="fdl-section4">4. ataleko</link> baldintzen pean banatu ditzakezu. <link linkend="fdl-invariant"> Atal aldaezin</link>en ordez itzulpena bakarrik jartzeko, copyright-jabeen baimena behar da, baina Atal aldaezin batzuen edo guztien itzulpenak jar ditzeko ez ditzeko Atal aldaezin horien jatorrizko bertsoiekin batera. Lizentzia honen itzulpena ere jar dezakezu, baldin eta ingelesezko jatorrizko bertsoia ere jartzen baduzu. Lizentzia honen itzulpena eta jatorrizko ingelesezko bertsoia bat ez badatoz, jatorrizko bertsoia balioko du. <link linkend="fdl-cover-texts">Azaleko testu</link>ari dagokion <link linkend="fdl-section3">3. ataleko</link> betebeharra Dokumentuaren kopia hauei aplikatzerik baldin badago, Dokumentua aggregazioaren banean biltzen duten azaletan bakarrik jar daitezke Azaleko testuak Dokumentuaren zigaldunean sartutako azaletak. <link linkend="fdl-section10">LIZENTZIA HONEN ETORKIZUNEKO BERRIKUSPENAK</link>

Lizentziaren normaletan espesuki adierazitakoak betetzen ez bada, debekatuta dago <link linkend="fdl-document">Dokumentua</link> kopiatzea, aldatzea, azpilizentziatzea edo banatzera. Dokumentua beste edozein eratan kopiatu, aldatu, azpilizentziatu edo banazeko saio oro deuseza izango da, eta Lizentzia honek ematen dizkizun eskubidea automatikoki kenduko zaizkizua. Dena den, Lizentzia honen pean zuregandik kopiak edo eskubideak jaso dituztenei ez zaizkie lizentziak kenduko, baldintza guztiak betetzen dituzten bitartean.

AMAIERA

Lizentzia honen baitan espresuki adierazitakoak betetzen ez bada, debekatuta dago <link linkend="fdl-document">Dokumentua</link> kopiatzea, aldatzea, azpilizentziatzea edo banatzera. Dokumentua beste edozein eratan kopiatu, aldatu, azpilizentziatu edo banazeko saio oro deuseza izango da, eta Lizentzia honek ematen dizkizun eskubidea automatikoki kenduko zaizkizua. Dena den, Lizentzia honen pean zuregandik kopiak edo eskubideak jaso dituztenei ez zaizkie lizentziak kenduko, baldintza guztiak betetzen dituzten bitartean.

LIZENTZIA HONEN ETORKIZUNEKO BERRIKUSPENAK


Lizentziaren bertso bakoitzak bertso-benzak beserkindua dauka. <link linkend="fdl-document">Dokumentu</link>an zehazten bada Lizentzia honen bertso-benzak jakin bat <quote>edo bertso berri berri bat</quote> dagokiola, zehaztutako bertsooko baldintzak edo Free Software Foundation-ek argitaratutako (ez zirriborro gisako) bertso berriago bateko baldintzak betetzeko aukera izango duzu. Dokumentuak ez badu Lizentziaren bertso-benzakirik zehazten, Free Software Foundation-ek argitaratutako bertsoietako edozein aukeratu dezakezu (baina ez zirriborro gisa argitaratutakoa).
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<title>Eranskina</title>

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<blockquote>

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</blockquote>

<para>\link linkend="fdl-invariant"\>Atal aldaezin\</link>ik ez baduzu, idatzi \quote\>Atal aldaezinik gabe\</quote> aldazainak zein diren adierazi beharrean. Ez baduzu \link linkend="fdl-cover-texts"\>Aurreko azaleko testu\</link>rik, idatzi \quote\>Aurreko azaleko testurik gabe\</quote> \quote\>Aurreko azaleko testu hauekin: ZERRENDA\</quote> jarri beharrean, eta gauza bera \link linkend="fdl-cover-texts"\>Atzeko azaleko testu\</link>ekin.</para>

<para>Zure dokumentuan programa-kodearen adibide ez-tribialik baldin badago, adibide horiek paraleloan argitaratzen gomendatzen dizugu eta zeuk aukeratu software librearen lizentzia eman nahi diezun, \ulink type="http" url="http://www.gnu.org/copyleft/gpl.html"\>GNU Lizentzia Publiko Orokorra\</ulink> lizentzian esaterako, software libre gisa erabil ahal izan daitezen.</para>

</sect1>

<article>

# translation of desktop-fdl.HEAD.po to Arabic
# Khaled Hosny <khaledhosny@eglug.org>, 2007.
msgid ""
msgstr ""
"Project-Id-Version: desktop-fdl.HEAD
"POT-Creation-Date: 2007-03-16 03:20+0000
"PO-Revision-Date: 2007-03-16 11:59+0200
"Last-Translator: Khaled Hosny <khaledhosny@eglug.org>
"Language-Team: Arabic <doc@arabeyes.org>
"MIME-Version: 1.0
"Content-Type: text/plain; charset=UTF-8
"Content-Transfer-Encoding: 8bit
"X-Generator: KBabel 1.11.4
"Plural-Forms: nplurals=4; plural=n==1 ? 0 : n==2 ? 1 : n>=3 && n<=10 ? 2 : 3
"

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msgstr ""
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msgid "Preserve the network location, if any, given in the <link linkend="fdl-document">Document</link> for public access to a <link linkend="fdl-transparent">Transparent</link> copy of the Document, and likewise the network locations given in the Document for previous versions it was based on. These may be placed in the <quote>History</quote> section. You may omit a network location for a work that was published at least four years before the Document itself, or if the original publisher of the version it refers to gives permission.”

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msgid ""

#: C/fdl.xml:397(para)
msgid "Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> of the <link linkend="fdl-document">Document</link>, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles.”

msgid ""

#: C/fdl.xml:407(para)
msgid "Delete any section entitled <quote>Endorsements</quote>. Such a section may not be included in the <link linkend="fdl-modified">Modified Version</link>.”

msgid ""

#: C/fdl.xml:416(para)
msgid "Do not retitle any existing section as <quote>Endorsements</quote> or to conflict in title with any <link linkend="fdl-invariant">Invariant Section</link>.”

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#: C/fdl.xml:425(para)
msgid "If the <link linkend="fdl-modified">Modified Version</link> includes new front-matter sections or appendices that qualify as <link linkend="fdl-secondary">Secondary Sections</link> and contain no material copied from the Document, you may at your option designate some or all of these sections as invariant. To do this, add their titles to the list of <link linkend="fdl-invariant">Invariant Sections</link> in the Modified Version's license notice. These titles must be distinct from any other section titles.”

msgid ""

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msgid ""
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msgid "GNU Free Documentation License"
msgstr "Llicncia de documentaci lliure de GNU"

#: C/index.docbook:18(articleinfo/releaseinfo)
msgid "Version 1.1, March 2000"
msgstr "Versi 1.1, Mar de 2000"

#: C/index.docbook:22(articleinfo/copyright)
msgid "<year>2000</year><holder>Free Software Foundation, Inc.</holder>
msgstr "<year>2000</year><holder>Free Software Foundation, Inc.</holder>

#: C/index.docbook:26(articleinfo/author)
msgid "<surname>Free Software Foundation</surname>
msgstr "<surname>Free Software Foundation</surname>

#: C/index.docbook:31(publisher/publishername)
msgid "GNOME Documentation Project"
msgstr "Projecte de documentaci del GNOME"

#: C/index.docbook:35(revhistory/revision)
msgid "<revnumber>1.1</revnumber> <date>2000-03</date>"
msgstr "<revnumber>1.1</revnumber> <date>2000-03</date>"

#: C/index.docbook:43(para/address)
#, no-wrap
msgid ""
"Free Software Foundation, Inc. 
" " <street>51 Franklin Street, Fifth Floor</street>, 
" " <city>Boston</city>, 
" " <state>MA</state> <postcode>02110-1301</postcode>
" " <country>USA</country>
msgstr ""
"Free Software Foundation, Inc. 
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" " <city>Boston</city>, 
" " <state>MA</state> <postcode>02110-1301</postcode>
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#: C/index.docbook:129(sect1/para)
msgid ""
msgstr ""
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"\"fdl-document\">Document</link> is released under this License."
msgstr ""
"Les <quote>Seccions invariables</quote> són determinades <link linkend="fdl-" "secondary">Seccions secundàries</link> els títols de les quals indiquen que "
"són Seccions invariables en l'avís que indica que el <link linkend="fdl-" "document">Document</link> es distribueix sota aquesta Llicència."

#: C/index.docbook:138(sect1/para)
msgid ""
msgstr ""
"The <quote>Cover Texts</quote> are certain short passages of text that are "
"listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says "
"that the <link linkend="fdl-document">Document</link> is released under "
"this License."
msgstr ""
"Els <quote>Textos de portada</quote> són determinats fragments breus de text "
"que consten com a Textos de portada o Textos de contraportada en l'avís que "
"indica que el <link linkend="fdl-document">Document</link> es distribueix "
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msgstr ""
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msgstr ""
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"maquina, presentada en un format les especificacions del qual siguin "

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msgid ""
msgstr ""
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msgstr ""
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msgid ""
msgstr ""
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msgstr ""
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msgstr "
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msgstr "
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"llicncia del \"Document\".

#: C/index.docbook:350(listitem/para)
msgid "Include an unaltered copy of this License."
msgstr "Incloueu una cpia no alterada d'aquesta Llicncia."

#: C/index.docbook:356(listitem/para)
msgid "Preserve the section entitled \"History\", and its title, and add 
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In any section entitled <quote>History</quote> in the <link linkend="fdl-document">Document</link>, create one stating the title, year, authors, and "publisher of the Document as given on its Title Page, then add an item "describing the Modified Version as stated in the previous sentence.

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msgid ""
"In any section entitled <quote>Acknowledgements</quote> or "
"<quote>Dedications</quote>, preserve the section's title, and preserve in " 
"the section all the substance and tone of each of the contributor " 
"acknowledgements and/or dedications given therein.

msgid ""
"En qualsevol secció titulada <quote>Agraments</quote> o " 
"<quote>Dedicatòries</quote>, conserveu-ne el títol, i conserveu-hi tota " 
"l'essència i to de cadascun dels agraments dels collaborateurs i/o " 
"dedicatòries que hi apareguin."

#: C/index.docbook:397(listitem/para)
msgid ""
"Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> "
of the <link linkend="fdl-document">Document</link>, unaltered in their "
text and in their titles. Section numbers or the equivalent are not "
considered part of the section titles."

msgid ""
"Conserveu totes les <link linkend="fdl-invariant">Seccions invariables</link> "
"del <link linkend="fdl-document">Document</link>, sense canviar-ne "
"els textos ni els títols. La numeració de seccions o sistemes equivalents no "
"es consideren part dels títols de secció."

#: C/index.docbook:407(listitem/para)
msgid ""
"Delete any section entitled <quote>Endorsements</quote>. Such a section may "
"not be included in the <link linkend="fdl-modified">Modified Version</link> "
"link>."

msgid ""
"Suprimiu qualsevol secció titulada <quote>Aprovacions</quote>. Aquestes "
"seccions no es poden incloure a la <link linkend="fdl-modified">Versió "
"modificada</link>.".

#: C/index.docbook:416(listitem/para)
msgid ""
"Do not retitle any existing section as <quote>Endorsements</quote> or to "
"conflict in title with any <link linkend="fdl-invariant">Invariant "
"Section</link>.".

msgid ""
"No reanomeu cap secció existent com <quote>Aprovacions</quote>, ni tampoc "
"de cap altra manera que pugui entrar en conflicte amb el títol de qualsevol "
"<link linkend="fdl-invariant">Secció invariable</link>.".

#: C/index.docbook:425(sect1/para)
msgid ""
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"license notice. These titles must be distinct from any other section titles.".

msgid ""
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#: C/index.docbook:474(sect1/para)
msgid "" msgstr "Podeu combinar el "linkend=\"fdl-document\">Document</link> amb altres "documents publicats d'acord amb aquesta Llicncia, d'acord amb els termes "exposats a la "linkend=\"fdl-section4\">secció 4</link>, ms amunt, per "a les versions modificades, sempre que incloieu a l'obra resultant totes les "Seccions invariables de tots els documents originals, sense modificar, les "relacioneu com a "linkend=\"fdl-invariant\">Seccions invariables</link> "de l'obra resultant en el seu avs de llicncia."

#: C/index.docbook:485(sect1/para)
msgid "" msgstr ""A l'obra resultant noms cal incloure una cpia d'aquesta Llicncia, i "diverses "linkend=\"fdl-invariant\">Seccions invariables</link> "idèntiques es poden substituir per una sola cpia. Si hi ha diverses "Seccions invariables amb el mateix nom, per amb continguts diferents, feu "que el ttol de cadascuna d'elles sigui nic afegint-hi, al final i entre "parratges, el nom de l'autor o editor original de la secci (si es coneix) "o un nombre nic. Feu la mateixa operació als ttols de la secci que sn a "la relació de Seccions invariables a l'avís de llicncia de l'obra resultant."
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msgstr "CLOENDA"

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complint els acords. "

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msgid "FUTURE REVISIONS OF THIS LICENSE"
msgstr "REVISIONS FUTURES D'AQUESTA LLICNCIA"

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msgid ""
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msgid "Addendum"
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<title>Addendum</title>

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</sect1>
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GNOME Documentation Project

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"When we speak of free software, we are referring to freedom, not price. Our "General Public Licenses are designed to make sure that you have the freedom "to distribute copies of free software (and charge for this service if you "wish), that you receive source code or can get it if you want it, that you "can change the software or use pieces of it in new free programs; and that "you know you can do these things."
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To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you
"link other code with the library, you must provide complete object files to"
"the recipients, so that they can relink them with the library after making"
"changes to the library and recompiling it. And you must show them these"
"terms so they know their rights."

msgid "Chng hn, nu bn pht hnh bn sao ca th vin nh vy, d l cho khng"
"hay thu tin, bn phi tra o cho ngi nhn tt c nhng quy n bn c. Bn"
"phi chc chn l h cng nhn c hay c th ly m ngun. Nu bn lin"
"kt m ngun khc vi th vin, bn phi cung cp cc tp tin i tng hon"
"thnh cho ngi nhn, h c th lin kt li tp tin nh vy vi th vin"
"ri bin dch li. V bn cng phi cho h bit nhng iu kin ny, h"
"bit nhng quy n ca h."

#: C/lgpl.xml:115
msgid ""
msgstr "Chng ti bo v quy n ca bn bng mt phn php hai bc; (1) chng ti"
"bn quy n tc gi ca th vin, v (2) chng ti tra o cho bn giy php ny"
"bn c quy n hp php sao chp, php hnh v/hay sa i th vin."

#: C/lgpl.xml:121
msgid ""
msgstr "Chng ti bo v quy n ca bn bng mt phn php hai bc; (1) chng ti"
"bn quy n tc gi ca th vin, v (2) chng ti tra o cho bn giy php ny"
"bn c quy n hp php sao chp, php hnh v/hay sa i th vin."

#: C/lgpl.xml:130
msgid ""
msgstr "Cui cng, chng trnh t do no cng lun b e da bi bng sng ch phn"
"mm. Chng ti mun chc chn l cng ty khng th gii hn c cc ngi"
"dng chng trnh t do, bng cch gin c giy php hn ch t ngi gi"
"sng ch. V vy chng ti c nht nh giy php sng ch no c gin c"
"cho mt phn bn ca th vin ny phi ph hp vi ton b quy n t do c"
"ghi r trong giy php ny."
"Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs."

"When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library."

"We call this license the <quote>Lesser</quote> General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances."

"For example, on rare occasions, there may be a special need to encourage the"
"widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License."

msgstr "Chng hn, rt ln c nh cu c bit h tr cch s dng rng ri nht "
"c th mt th vin no , n tr thnh mt tiu chun nh th. t "
"mc ch ny, cc chng trnh kt t do cng phi c quyn s dng th "
"vin . Mt trng hp xy ra nhiu ln hn l th vin t do lm cng mt "
"cng vic vi th vin khe t do c s dng rng ri. Trong trng hp "
"ny, khng c li ch nhiu khi gii hn th vin t do trong ch phn mm "
"t do, v th chng ti s dng Gip php Cng cng Ph."

#: C/lgpl.xml:178
msgid ""
msgstr ""
"In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system."

msgstr "Trong trng hp khc, quyn s dng mt th vin no trong chng trnh "
"khc t do cng cho rt nhiu ngi c kh nng s dng mt tp phn mm t "
"do rt ln. Chng hn, quyn s dng Th vin C ca GNU trong cc chng "
"trnh kt t do th cho rt nhiu ngi thm c kh nng s dng ton b h "
"iu hnh GNU, cng nh bin th ca n, h iu hnh GNU/Linux."

#: C/lgpl.xml:187
msgid ""
msgstr ""
"Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library."

msgstr "Mc d Giy php Cng cng Ph lm t hn bo v quyn t do ca ngi "
"dng, n c phi m bo rng ngi dng chng trnh c lin kt vi Th "
"vin c quyn t do v kh nng chy chng trnh , bng mt phin bn "
"sa i ca Th vin."
This License Agreement applies to any software library or other program "

which contains a notice placed by the copyright holder or other authorized "
"party saying it may be distributed under the terms of this Lesser General "
"Public License (also called <quote>this License</quote>). Each licensee is "
"addressed as <quote>you</quote>.

A <quote>library</quote> means a collection of software functions and/or "
"data prepared so as to be conveniently linked with application programs "
"(which use some of those functions and data) to form executables.

The <quote>Library</quote>, below, refers to any such software library or "
"work which has been distributed under these terms. A <quote>work based on "
"the Library</quote> means either the Library or any derivative work under "
"copyright law: that is to say, a work containing the Library or a portion of "
"it, either verbatim or with modifications and/or translated "
"straightforwardly into another language. (Hereinafter, translation is "

"sn phm nh vy c ph phn theo cc iu khon ny. Mt <quote>sn "
"phm da trn Th vin</quote> c ngha l Th vin hay ht k sn phm no "
"bt ngun t n di lut bn quyn: tc l, sn phm cha Th vin hay "
"mt phn ca n, hoc ng nguyen vn hoc vi s sa i v/hoc c dch "
"sang mt ngan ng khc. (K t cu ny, vic dch ngan c bao gm v "
"hn trong thut ng <quote>s sa i</quote>.)"
"<quote>Source code</quote> for a work means the preferred form of the work "
"for making modifications to it. For a library, complete source code means "
"all the source code for all modules it contains, plus any associated "
"interface definition files, plus the scripts used to control compilation and "
"installation of the library."

"Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running a program "
"using the Library is not restricted, and output from such a program is "
"covered only if its contents constitute a work based on the Library "
"(independent of the use of the Library in a tool for writing it). Whether "
"that is true depends on what the Library does and what the program that uses "
"the Library does."

"You may copy and distribute verbatim copies of the Library's complete source "
"code as you receive it, in any medium, provided that you conspicuously and "
"appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and distribute a copy of this "
"License along with the Library."
"You may charge a fee for the physical act of transferring a copy, and you "
"may at your option offer warranty protection in exchange for a fee."
msgstr "Bn c th thu ph cho vic gi bn sao, v bn c th ty ngh cung "
"cp dch v bo hnh c thu ph."

#: C/gpl.xml:273
msgid "Section 2"
msgstr "Phn 2"

#: C/gpl.xml:283
msgid "The modified work must itself be a software library."
msgstr "Sn phm sa i phi chnh n l th vin phn mm."

#: C/gpl.xml:288
msgid """ "
"You must cause the files modified to carry prominent notices stating that "
"you changed the files and the date of any change."
msgstr "Bn phi lm cho mi tp tin sa i cha thng bo d thy ni rng bn "
"thay i tp tin v hin th ng thng ca s thay i no."

#: C/gpl.xml:294
msgid """
"You must cause the whole of the work to be licensed at no charge to all "
"third parties under the terms of this License."
msgstr "Bn phi lm cho ton b sn phm c cp min ph cho ngi khc vi iu "
"kin ca Giy php ny."

#: C/gpl.xml:300
msgid ""
"If a facility in the modified Library refers to a function or a table of "
"data to be supplied by an application program that uses the facility, other "
"than as an argument passed when the facility is invoked, then you must make "
"a good faith effort to ensure that, in the event an application does not "
"supply such function or table, the facility still operates, and performs "
"whatever part of its purpose remains meaningful."
msgstr "Nu mt chc rng trong Th vin sa i tham chiu n mt hm hay bng "
"d liu cn phi c cung cp bi mt chng trnh ng dng s dng chc "
"nng ny, khc vi nh i s c gi qua khi chc nng c gi, th bn "
"phi c gng thin chc chn l, trong trng hp ng dng khng cung cp "
"hm hay bng nh vy, chc nng vn cn hot ng c, cng the hin phn "
"no ca mc ch cn li hu ch."

#: C/gpl.xml:310
msgid ""
"(For example, a function in a library to compute square roots has a purpose " 
"that is entirely well-defined independent of the application. Therefore, " 
"Subsection 2d requires that any application-supplied function or table used " 
"by this function must be optional: if the application does not supply it," 
"the square root function must still compute square roots.)"

msgid "(Chng hn, mt hm trong th vin tn ch cn bc hai c mc ch c xc)"
msgstr "(Chng hn, mt hm trong th vin tn ch cn bc hai c mc ch c xc)"

msgid "(nh hon ton, khng ph thuc vn dng. V vy, Phn ph 2d cn thit)"
msgstr "(nh hon ton, khng ph thuc vn dng. V vy, Phn ph 2d cn thit)"

msgid "(bt c hm hay bng do ng dng cng cp c s dng bi hm ny phi l)"
msgstr "(bt c hm hay bng do ng dng cng cp c s dng bi hm ny phi l)"

msgid "(ty chn: nu ng dng khng cng cp, hm cn bc hai vn cn phi thn)"
msgstr "(ty chn: nu ng dng khng cng cp, hm cn bc hai vn cn phi thn)"

msgid "(c cn bc hai.)"
msgstr "(c cn bc hai.)"

#: C/lgpl.xml:319
msgid "These requirements apply to the modified work as a whole. If identifiable " 
"sections of that work are not derived from the Library, and can be " 
"reasonably considered independent and separate works in themselves, then " 
"this License, and its terms, do not apply to those sections when you " 
"distribute them as separate works. But when you distribute the same sections " 
"as part of a whole which is a work based on the Library, the distribution of " 
"the whole must be on the terms of this License, whose permissions for other " 
"licensees extend to the entire whole, and thus to each and every part " 
"regardless of who wrote it."

msgid "(Nh gi th nhn p dng cho ton b sn phm b sa i. Nu c th nhn)"
msgstr "(Nh gi th nhn p dng cho ton b sn phm b sa i. Nu c th nhn)"

msgid "(ra phn ring ca sn phm khng bt ngun t Th vin, v cc phn ny)"
msgstr "(ra phn ring ca sn phm khng bt ngun t Th vin, v cc phn ny)"

msgid "(c th c xem mt cch hp l l sn phm ring v khng ph thuc, th)"
msgstr "(c th c xem mt cch hp l l sn phm ring v khng ph thuc, th)"

msgid "(Giy php ny, v cc iu kin ca n, khng p dng cho nhng phn ring)"
msgstr "(Giy php ny, v cc iu kin ca n, khng p dng cho nhng phn ring)"

msgid "( kh i nh nhng c ng vi ton b sn phm da vo Th vin, s phh nhn t)"
msgstr "( kh i nh nhng c ng vi ton b sn phm da vo Th vin, s phh nhn t)"

msgid "(b ny phi tun theo iu kin ca Giy php ny, cng cp cho mi ngi c)"
msgstr "(b ny phi tun theo iu kin ca Giy php ny, cng cp cho mi ngi c)"

msgid "(quyn bao trm ton b sn phm, bao qut tt c mi phn ca n, bt k ai)"
msgstr "(quyn bao trm ton b sn phm, bao qut tt c mi phn ca n, bt k ai)"

msgid "(to n.)"
msgstr "(to n.)"

#: C/lgpl.xml:332
msgid "Thus, it is not the intent of this section to claim rights or contest your " 
"rights to work written entirely by you; rather, the intent is to exercise " 
"the right to control the distribution of derivative or collective works " 
"based on the Library."

msgid "(Nh th th phn ny khng nh yu cu quyn hay khng th nhn quyn)"
msgstr "(Nh th th phn ny khng nh yu cu quyn hay khng th nhn quyn)"

msgid "(ca bn v sn phm m ton b l do bn to ra; m phn ny nh ni v)"
msgstr "(ca bn v sn phm m ton b l do bn to ra; m phn ny nh ni v)"

msgid "(quyn hn trong iu khin s phh nh sn phm bt ngun t hay sn phm)"
msgstr "(quyn hn trong iu khin s phh nh sn phm bt ngun t hay sn phm)"

msgid "(hp tc tp th da vo Th vin.)"
msgstr "(hp tc tp th da vo Th vin.)"

#: C/lgpl.xml:339
msgid "In addition, mere aggregation of another work not based on the Library with " 
"the Library (or with a work based on the Library) on a volume of a storage " 
"or distribution medium does not bring the other work under the scope of this "
"License."
msgstr "Hn na, vic cha cc sn phm khc khng da vo Th vin cng vi Th "
"vin (hay vi sn phm da vo Th vin) trn thit b lu tr hay vt pt "
"hnh khng nm trong phm vi ca Giy php ny."

#: C/lgpl.xml:274
msgid ""
msgstr ""
"You may modify your copy or copies of the Library or any portion of it, thus "
"forming a work based on the Library, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</link> above, provided that you also meet all of these conditions:"
"<placeholder-1/>"
msgstr "Bn c quyn sa i bn sao ca mnh hay ca Th vin hoc on no ca n "
"to mt sn phm da vo Th vin, v sao chp v ph hnh s sa i "
"hay sn phm nh vy theo iu khon ca <link linkend="sect1">Phn 1</link> above, provided that you also meet all of these conditions:"
"<placeholder-1/>"

#: C/lgpl.xml:352
msgid "Section 3"
msgid "Phn 3"

#: C/lgpl.xml:354
msgid ""
msgstr ""
"You may opt to apply the terms of the ordinary GNU General Public License "
"instead of this License to a given copy of the Library. To do this, you must "
"alter all the notices that refer to this License, so that they refer to the "
"ordinary GNU General Public License, version 2, instead of to this License."
"(If a newer version than version 2 of the ordinary GNU General Public "
"License has appeared, then you can specify that version instead if you "
"wish.) Do not make any other change in these notices."
msgstr "Bn c th chn p dng cc iu kin ca Giy php Cng cng GNU chun, "
"thay cho Giy php ny, cho mt bn sao no ca Th vin. lm nh th, "
"bn phi thay i mi thng bo cp Giy php ny. cp Giy php "
"Cng cng GNU chun, phin bn 2, thay cho Giy php ny. (C phin bn mi "
"hn ca Giy php Cng cng GNU chun th bn c th gh i r phin bn "
"thay th, nu bn mun.) ng thay i g khc trong nhng thng bo ny."

#: C/gpl.xml:365
msgid ""
msgstr ""
"Once this change is made in a given copy, it is irreversible for that copy."
"so the ordinary GNU General Public License applies to all subsequent copies "
"and derivative works made from that copy."
msgstr "Mt khi lm thay i ny trong bn sao no, khng th o ngc li cho bn "
"sao, v th Giy php Cng cng GNU chun p dng cho tt c cc bn sao "
"ph v sn phm bt ngun t bn sao."

#: C/gpl.xml:371
msgid ""
"This option is useful when you wish to copy part of the code of the Library 
"into a program that is not a library."
msgstr "Ty chn ny khng c ch khi bn mun sao chp phn m ngun ca Th vin 
"vo mt chng trnh khng phi l th vin."

#: C/lgpl.xml:378
msgid "Section 4"
msgstr "Phn 4"

#: C/lgpl.xml:380
msgid ""
"You may copy and distribute the Library (or a portion or derivative of it, 
"under <link linkend="sect2">Section 2</link> ) in object code or 
"executable form under the terms of Sections <link linkend="sect1">1</link> 
"and <link linkend="sect2">2</link> above provided that you accompany it 
"with the complete corresponding machine-readable source code, which must be 
"distributed under the terms of Sections <link linkend="sect1">1</link> and 
"<link linkend="sect2">2</link> above on a medium customarily used for 
"software interchange."
msgstr "Bn c quyn sao chp v pht hnh Th vin (hoc on no ca n hoc sn 
"phm da vo n, di <link linkend="sect2">Phn 2</link>) trong dng thc 
"m i rng hay tp tin chy c vi iu kin ca <link linkend="sect1" 
"Phn 1</link> v <link linkend="sect2">2</link> bn trn, min l bn 
"km theo ton b m ngun tng ng m my c th c c, c pht hnh 
"vi iu kin ca Phn <link linkend="sect1">1</link> v <link linkend="sect2" 
"Phn 2</link> bn trn, trn thit b lu tr thng dng trao i 
"phn mm.

#: C/lgpl.xml:392
msgid ""
"If distribution of object code is made by offering access to copy from a 
"designated place, then offering equivalent access to copy the source code 
"from the same place satisfies the requirement to distribute the source code, 
"even though third parties are not compelled to copy the source along with 
"the object code."
msgstr "Nu vic pht hnh m i lng c lm bng cch trao truy cp sao chp t 
"mt ni xc nh, th vic trao cc truy cp sao chp tng ng n m 
"ngun t cng ni c th nh l s pht hnh m ngun, mc d ngi 
"khc khng bt buc phi sao chp m ngun cng vi m i lng."

#: C/lgpl.xml:403
msgid "Section 5"
msgstr "Phn 5"

#: C/lgpl.xml:405
msgid ""
"A program that contains no derivative of any portion of the Library, but is "

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"designed to work with the Library by being compiled or linked with it, is "
"called a <quote>work that uses the Library</quote>. Such a work, in "
"isolation, is not a derivative work of the Library, and therefore falls "
"outside the scope of this License."

msgstr "Mt chng trnh khng cha sn phm bt ngun t bt c on no ca Th"
"vin, cn c thit k lm vic vi Th vin bng chh c bin dch"
"hay lin kt vi n, c gi l <quote>sn phm s dng Th vin</quote>."
"Sn phm nh vy, c lp khng phi l sn phm bt ngun t Th vin th"
"nm ngoi phm vi ca Giy php ny."

#: C/lgpl.xml:413
msgid ""
msgid "However, linking a <quote>work that uses the Library</quote> with the "
"Library creates an executable that is a derivative of the Library (because "
"it contains portions of the Library), rather than a <quote>work that uses "
"the library</quote>. The executable is therefore covered by this License."
"<link linkend="sect6">Section 6</link> states terms for distribution of "
"such executables."

msgstr "Tuy nhin, vic lin kt mt <quote>sn phm s dng Th vin</quote> vi"
"Th vin th to mt tp tin chy c bt ngun t Th vin (v n cha)"
"on ca Th vin), hn l mt <quote>sn phm s dng Th vin</quote>. Tp"
"tin chy c th c bao qut bi Giy php ny. <link linkend="sect6">
"Phn 6</link> pht biu cc iu kin phl hnh tp tin chy c nh vy."

#: C/lgpl.xml:422
msgid ""
msgid "When a <quote>work that uses the Library</quote> uses material from a header "
"file that is part of the Library, the object code for the work may be a "
"derivative work of the Library even though the source code is not. Whether "
"this is true is especially significant if the work can be linked without the "
"Library, or if the work is itself a library. The threshold for this to be "
"true is not precisely defined by law."

msgstr "Khi mt <quote>sn phm s dng Th vin</quote> cng s dng on no ca"
"tp tin phn u thuc v Th vin, m i ng cho sn phm ny c th l"
"mt sn phm bt ngun t Th vin, mc d m ngun khng phi. iu ng"
"hay khng l quan trng c bit nu sn phm ny c th c lin kt khng"
"c Th vin, hoc nu sn phm ny chnh n l th vin. Php lut cha xc"
"nh chnh xc ngng ng ca trng hp ny."

#: C/lgpl.xml:431
msgid ""
msgid "If such an object file uses only numerical parameters, data structure "
"layouts and accessors, and small macros and small inline functions (ten "
"lines or less in length), then the use of the object file is unrestricted, "
"regardless of whether it is legally a derivative work. (Executables "
"containing this object code plus portions of the Library will still fall "
"under <link linkend="sect6">Section 6</link>)"

msgstr "Tp tin i ng nh vy s dng ch cc tham s kiu s, b tr cu trc"
"Otherwise, if the work is a derivative of the Library, you may distribute "
"the object code for the work under the terms of <link linkend="sect6">Section 6</link> "
". Any executables containing that work also fall under "
"<link linkend="sect6">Section 6</link>, whether or not they are linked "
"directly with the Library itself."

msgid "" msgstr ""n.

"As an exception to the Sections above, you may also combine or link a "
"<quote>work that uses the Library</quote> with the Library to produce a work "
"containing portions of the Library, and distribute that work under terms of "
"your choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications."

msgid "" msgstr ""vy."
Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
"Verify that the user has already received a copy of these materials or that 
"you have already sent this user a copy."

msgstr "Kim tra xem nghi dng nhn mt bn sao ca nhng nguyn liu ny, hoc 
"bn gi mt bn sao cho nghi dng ny."

#: C/lgpl.xml:462
msgid ""
msgstr ""You must give prominent notice with each copy of the work that the Library 
"is used in it and that the Library and its use are covered by this License. 
"You must supply a copy of this License. If the work during execution 
"displays copyright notices, you must include the copyright notice for the 
"Library among them, as well as a reference directing the user to the copy of 
"this License. Also, you must do one of these things: 
"<placeholder-1/>"

msgstr "Bn phi cng b r rng trn mi bn sao ca sn phm mt thng bo rng 
"Th vin c dng trong n, v rng Th vin v cch s dng n c bao 
"qu bi Giy php ny. Bn phi cung cp mt bn sao ca Giy php ny. Nu 
"sn phm trong khi thc hin cng hin th thng bo tc quyn, bn phi 
"chn thng bo tc quyn cho Th vin vo trong cc thng bo nh vy, cng 
"nh mt tham chiu ch nghi dng ti bn sao ca Giy php ny. Hn na, 
"bn phi lm mt ca nhng vic ny:<placeholder-1/>"

#: C/lgpl.xml:524
msgid ""
msgstr ""For an executable, the required form of the <quote>work that uses the 
"Library</quote> must include any data and utility programs needed for 
"reproducing the executable from it. However, as a special exception, the 
"materials to be distributed need not include anything that is normally 
"distributed (in either source or binary form) with the major components 
"(compiler, kernel, and so on) of the operating system on which the 
"executable runs, unless that component itself accompanies the executable." 
msgstr "i vi tp tin chy c, dng thc thit ca <quote>sn phm s dng 
"Th vin</quote> phi cha chng trnh no kiu d liu hay tin ch cn 
"thit to li tp tin chy c t n. Tuy nhn, ngoi l c bit l 
"cc nguyen liu c phth hnh khng cn phi bao gm nhng g c phth 
"hnh bnh thng (trong dng thc hoc ngun hoc nh phn) vi cc thnh 
"phn chnh (b bin dch, ht nhn v.v.) ca h iu hnh ni tp tin chy 
"c hot ng, tr khi thnh phn km theo cn thit chy tp tin."

#: C/lgpl.xml:535
msgid ""
msgstr ""It may happen that this requirement contradicts the license restrictions of 
"other proprietary libraries that do not normally accompany the operating 
"system. Such a contradiction means you cannot use both them and the Library 
"together in an executable that you distribute."

msgstr "C th xy ra rng iu kin ny mu thun s hn ch giy php ca th vin 
"s hu khi khng bnh thng km theo h iu hnh. S mu thun nh vy c 
"ngha l bn khng th s dng c th vin nh vy v Th vin u trong tp 
"tin chy c bn phth hnh."
You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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"will not have their licenses terminated so long as such parties remain in "
"full compliance."
msgstr "Khng cho php bn sao chp, sa i, lin kt vi hay pht hnh Th vin, "
"tr vi iu kin c din t dt khotr trong Giy php ny. Bt k s c "
"gng no trong vic sao chp, sa i, cp giy php ph, lin kt vi hay "
"pht hnh Th vin bng cch khc b bi b, v s t ng kt thc cc "
"quyn ca bn di Giy php ny. Tuy nhin, nghi khc nhn bn sao hay "
"quyn t bn di Giy php ny s khng b nh hng, min l h tip tc "
"tun theo hon ton."

#: C/lgpl.xml:591
msgid "Section 9"
msgstr "Phn 9"

#: C/lgpl.xml:593
msgid "" You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Library or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Library (or any work based on the Library), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Library or works based on it."
msgstr "Bn khng bt buc phi chp nhn Giy php ny, v bn cha k tn vo n. "
"Tuy nhin, khng c g khc cho php bn sa i hay pht hnh Th vin hay "
"sn phm bt ngun t n. Cc hnh ng ny b php lut cm nu bn khng "
"chp nhn Giy php ny. V vy, bng cch sa i hay pht hnh Th vin "
"(hay sn phm da vo n), bn ng s chp nhn Giy php ny lm nh "
"th, gm mi iu kin sao chp, pht hnh hay sa i Th vin hay sn phm "
"da vo n."

#: C/lgpl.xml:606
msgid "Section 10"
msgstr "Phn 10"

#: C/lgpl.xml:608
msgid "" Each time you redistribute the Library (or any work based on the Library), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute, link with or modify the Library subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties with this License."
msgstr "Mi ln bn pht hnh li Th vin (hay sn phm da vo Th vin), nghi "
"nhn c th nhn t ng mt giy php t nghi cp gc. sao chp, pht "
"hnh, lin kt vi hay sa i Th vin vi iu kin ny. Khng cho php "
"bn hn ch thm cch nghi dng s dng cc quyn c cp trong Giy "
"php ny. Bn cng khng phi chu trch nhim v vic p buc nghi khc "

Open Source Used In Data Center Network Manager 11 11.5(4) 6172
"If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), " "conditions are imposed on you (whether by court order, agreement or " "otherwise) that contradict the conditions of this License, they do not " "excuse you from the conditions of this License. If you cannot distribute so " "as to satisfy simultaneously your obligations under this License and any " "other pertinent obligations, then as a consequence you may not distribute " "the Library at all. For example, if a patent license would not permit " "royalty-free redistribution of the Library by all those who receive copies " "directly or indirectly through you, then the only way you could satisfy both " "it and this License would be to refrain entirely from distribution of the " "Library."

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"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."

"no hay li yu sch quyn ti sn khc, hoc khng tha nhn s hp l"
"ca li yu sch nh vy; phn ny c mc ch duy nht l bo v tnh trng"
"nguyn vn ca h thng pht hhnh phn mm t do, m c thc th bi cc"
"p dng giy php cng cng. Nhiu ngi ng gp rng lng cho mt phm"
"v rng ca cc phn mm c pht hhnh qua h thng , nh s thc th nn"
"b h thng : ty tc gi / ngi tng quy nh nh nh min phn hhnh"
"phn mm qua h thng khc no, v ngi c cp Giy php khng thiu"
"khin cch quy nh ."

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"body of this License."

"gia no , hoc bi bng sng ch hoc bi giao din c bn quyn tc gi , "
"ngi gi tc quy nh ge t Th vin di Giy php ny c kh nhng thm"
"s hh ch pht hhnh a l ring loi tr nhng quc gia , cho php"
"pht hhnh ch trong hay gia cc quc gia khng b loi tr nh th. Trong"
"trng hp nh vy , Giy php ny hp nth s hh ch nh l n c ghi"
"trong thn ca Giy php ny ."

"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."

"li ca Giy php ny."
The Free Software Foundation may publish revised and/or new versions of the "Lesser General Public License from time to time. Such new versions will be "similar in spirit to the present version, but may differ in detail to "address new problems or concerns."

Section 14

If you wish to incorporate parts of the Library into other free programs "whose distribution conditions are incompatible with these, write to the "author to ask for permission. For software which is copyrighted by the Free "Software Foundation, write to the Free Software Foundation; we sometimes "make exceptions for this. Our decision will be guided by the two goals of "preserving the free status of all derivatives of our free software and of "promoting the sharing and reuse of software generally."
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"Library, to the extent permitted by applicable law. Except when otherwise "
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"prove defective, you assume the cost of all necessary servicing, repair or "
"correction."

Section 16

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"or inability to use the Library (including but not limited to loss of data "
"or data being rendered inaccurate or losses sustained by you or third "
"parties or a failure of the Library to operate with any other software), "
"even if such holder or other party has been advised of the possibility of "
"such damages."

Section 17

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License applies to most of the Free Software Foundation's software and to
any other program whose authors commit to using it. (Some other Free
Software Foundation software is covered by the GNU Library General Public
License instead.) You can apply it to your programs, too.

Finally, any free program is threatened constantly by software patents. We
wish to avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at all.

We protect your rights with two steps: • We give a guarantee that
you have Receive and change the software,
• We offer warranty protection against Incompatibility.

Finally, any free program is threatened by software patents. We wish to
avoid the danger that redistributors of a free program will
individually obtain patent licenses, in effect making the program
proprietary. To prevent this, we have made it clear that any patent must
be licensed for everyone's free use or not licensed at all.
The precise terms and conditions for copying, distribution and modification follow.

Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. <placeholder-1/>

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a medium customarily used for software interchange; or,

"Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a medium customarily used for software interchange; or,"

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"Project-Id-Version: desktop-fdl_help.HEAD\n" "POT-Creation-Date: 2007-09-04 03:25+0100\n" "PO-Revision-Date: 2008-12-14 19:23+0100\n" "Last-Translator: Iaki Larraaga Murgoitio <dooteo@euskalgnu.org>, 2008.\n" "Language-Team: Basque <itzulpena@euskalgnu.org>\n" "MIME-Version: 1.0\n" "Content-Type: text/plain; charset=UTF-8\n" "Content-Transfer-Encoding: 8bit\n" "X-Generator: KBabel 1.11.4\n" "Plural-Forms: nplurals=2; plural=(n != 1)\n"

"GNU Free Documentation License"msgstr "GNU Dokumentazio librearen lizentzia"

"Version 1.1, March 2000"msgstr "1.1 bertsioa, 2000ko martxoa"

"2000"
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#: C/fdl.xml:129(para)
msgid "The <quote>Invariant Sections</quote> are certain <link linkend="fdl-secondary">Secondary Sections</link> whose titles are designated, as being those of Invariant Sections, in the notice that says that the <link linkend="fdl-document">Document</link> is released under this License."
msgstr "<quote>Atal aldaezinak</quote> <link  linkend="fdl-secondary">Atal sekundario</link> jakin batzuk dira; <link linkend="fdl-document">Dokumentua</link> Lizentzia honen baldintzen pean argitaratzen dela esaten duen oharrean zehazten dira Atal aldaezinen izenburuak."

#: C/fdl.xml:138(para)
msgid "The <quote>Cover Texts</quote> are certain short passages of text that are listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says that the <link linkend="fdl-document">Document</link> is released under this License."
msgstr "<quote>Azaleko testuak</quote> testu zati laburrak dira eta Aurreko azaleko testu edo Atzeko azaleko testu gisa aipatzen dira <link linkend="fdl-document">Dokumentua</link> Lizentzia honen pean argitaratzen dela dioen oharrean."

#: C/fdl.xml:146(para)
msgid "A <quote>Transparent</quote> copy of the <link linkend="fdl-document"> Document</link> means a machine-readable copy, represented in a format whose specification is available to the general public, whose contents can be viewed and edited directly and straightforwardly with generic text editors or (for images composed of pixels) generic paint programs or (for drawings) some widely available drawing editor, and that is suitable for input to text formatters or for automatic translation to a variety of formats suitable for input to text formatters. A copy made in an otherwise Transparent file format whose markup has been designed to thwart or discourage subsequent modification by readers is not Transparent. A copy that is not <quote>Transparent</quote> is called <quote>Opaque</quote>.

msgid "Examples of suitable formats for Transparent copies include plain ASCII without markup, Texinfo input format, SGML or XML using a publicly available DTD, and standard-conforming simple HTML designed for human modification. Opaque formats include PostScript, PDF, proprietary formats that can be read and edited only by proprietary word processors, SGML or XML for which the DTD and/or processing tools are not generally available, and the machine-generated HTML produced by some word processors for output purposes only."
msgstr "Kopia Gardenak egiteko erabil daitezkeen formatu egokien artean, honako hauek ditugu, bestek beste:
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#: C/fdl.xml:176(para)
msgid "The <quote>Title Page</quote> means, for a printed book, the title page itself, plus such following pages as
are needed to hold, legibly, the material this License requires to appear in the title page. For works in formats which
do not have any title page as such, <quote>Title Page</quote> means the text near the most prominent appearance
of the work's title, preceding the beginning of the body of the text."
msgstr "<quote>Titulu-orriak</quote> esan nahi duena zera da: inprimatutako liburu bati dagokionez, titulu-orria
bera eta Lizentzia honen titulu-orrian agertzera behartzen duen materiala modu irakurgarrian biltzeko behar diren
orriak. Berez titulu-orririk ez duten formatuetan egindako lanetan, <quote>Title-orriak</quote> esan nahi duena
da, testuaren gorputza hasi aurretik, gehien nabarmenduta agertzen den lanaren tituluaren ondoan agertzen den
testua."

#: C/fdl.xml:188(title)
msgid "VERBATIM COPYING"
msgstr "KOPIA LITERALAK"

#: C/fdl.xml:189(para)
msgid "You may copy and distribute the <link linkend="fdl-document">Document</link> in any medium, either
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to those of this License. You may not use technical measures to obstruct or control the reading or further copying of
the copies you make or distribute. However, you may accept compensation in exchange for copies. If you distribute
a large enough number of copies you must also follow the conditions in <link linkend="fdl-section3">section
3</link>."
msgstr "<link linkend="fdl-document">Dokumentua</link> edo euskaritan kopiatu eta banatu dezakezu, komertzialki zein ez-komertzialki, baldin eta Lizentzia hau, copyright-oharrak eta Dokumentuari lizentzia hau aplikatzen zaio adierazten duen lizentzia-oharra jartzen bazaie kopia guztiak, eta Lizentzia honi beste inolako baldintzarak gehitzen ez badiozu. Egiten edo banatzen dituzun kopietan ezin da erabili irakurketa edo kopiak egitea eragozten edo kontolatzen duen inolako baliabide teknikorik. Nolanahi ere, kopiak egitearen truke ordainoa jasotzea
onartzen da. Kopia asko banatzeko baduzu (hurrengo atalean zehazten da kopuruak), <link linkend="fdl-section3">3.
ataleko</link> baldintzak ere bete behar dituzu."

#: C/fdl.xml:204(para)
msgid "You may also lend copies, under the same conditions stated above, and you may publicly display copies."
msgstr "Goian azaldutako baldintza berdinen pean kopiak mailegutan ere utz ditzakezu, eta kopiak jendaurrean
erakutsi ere bai."

#: C/fdl.xml:211(title)
msgid "COPYING IN QUANTITY"
msgstr "KANTITATE HANDIASK KOPIATZEA"

#: C/fdl.xml:212(para)
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It is requested, but not required, that you contact the authors of the Document well before redistributing any large number of copies, to give them a chance to...
provide you with an updated version of the Document."

msgid "Bestalde, <link linkend="fdl-document">Dokumentu</link>aren kopiak kantitate handiar birbanatzen hasi aurretik, autoreekin harremanetan jar zaitezen eskatzen zaizkio, behartu gabe, Dokumentuaren bertsio eguneratua eman ahal izan diezazuten."

#: C/fdl.xml:266(title)
msgid "MODIFICATIONS"
msgstr "ALDAKETAK"

#: C/fdl.xml:267(para)
msgid "You may copy and distribute a <link linkend="fdl-modified">Modified Version</link> of the <link linkend="fdl-document">Document</link> under the conditions of sections <link linkend="fdl-section2">2</link> and <link linkend="fdl-section3">3</link> above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:"

msgid "Dokumentuaren <link linkend="fdl-modified">bertsio aldatua</link> kopiatu eta banatu dezakezu baldin eta hemen goiko <link linkend="fdl-section2">2</link> eta <link linkend="fdl-section3">3</link> ataletako baldintzak betetzak badituzu, kontuan izanik betiere Bertsio aldatua Lizentzia honen pean banatu behar duzu, Bertsio aldatua izanik Dokumentuaren funtsoa beteko duena, eta, beraz, Bertsio aldatua banatzeko edo aldatzeko baimena eman behar diozula kopia bat duen edonori. Horrez gainera, honako hauek egin behar dituzuzu Bertsio Aldatuan:"

#: C/fdl.xml:282(para)
msgid "Use in the <link linkend="fdl-title-page">Title Page</link> (and on the covers, if any) a title distinct from that of the <link linkend="fdl-document">Document</link>, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission."

msgid "Titulu-orriaren (eta azaletan, azaliak badu) <link linkend="fdl-document">Dokumentu</link> apaunikoa ez den beste edozein titulu bat erabili behar duzu (adekuko bertsoak badago, Dokumentuaren Historiariaren zerrengatuta egongo da). Aurreko bertsio horietako baten titulu bera erabil dezakezu, baldin eta jatorrizko argitaratzaleak horretarako baimena ematen badu."

#: C/fdl.xml:295(para)
msgid "List on the <link linkend="fdl-title-page">Title Page</link>, as authors, one or more persons or entities responsible for authorship of the modifications in the <link linkend="fdl-modified">Modified Version</link>, together with at least five of the principal authors of the <link linkend="fdl-document">Document</link> (all of its principal authors, if it has less than five)."

msgid "Titulu-orriaren (an, autore gisa, <link linkend="fdl-modified">Bertsio aldatua</link>an aldatak egin dituen pertsona edo erakunde baten edo gehiagoren izena jarri behar duzu, eta, horrekin batera, <link linkend="fdl-document">Dokumentu</link>aren bost egile nagusien izena gutxienez (eta bost baino gutxiago badira, guztiena)."

#: C/fd.xml:307(para)
msgid "State on the <link linkend="fdl-title-page">Title Page</link> the name of the publisher of the <link linkend="fdl-modified">Modified Version</link>, as the publisher."

msgid "Titulu-orriaren <link linkend="fdl-modified">Bertsio aldatua</link>aren argitaratzailearen izena jarri behar duzu, argitaratzaile gisa."
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Include, immediately after the copyright notices, a license notice giving the public permission to use the Modified Version under the terms of this License, in the form shown in the Addendum below.

Preserve the section entitled History, and its title, and add to it an item stating at least the title, year, new authors, and publisher of the Modified Version as given on the Title Page. If there is no section entitled History in the Document, create one stating the title, year, authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.

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msgstr "Zuk idatzitako dokumentu batean Lizentzia hau erabiltzeko, jar ezazu Lizentziaren kopia bat dokumentuan, eta titulu-orriaren jarraian, berriz, copyrighta eta lizentzia-ohar hauek:"

#: C/fdl.xml:622(para)
msgid "Copyright YEAR YOUR NAME."
msgstr "Copyright URTEA ZURE IZENA."

#: C/fdl.xml:625(para)
msgid "Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.1 or any later version published by the Free Software Foundation; with the <link linkend="fdl-invariant">Invariant Sections</link> being LIST THEIR TITLES, with the <link linkend="fdl-cover-texts">Front-Cover Texts</link> being LIST, and with the <link linkend="fdl-cover-texts">Back-Cover Texts</link> being LIST. A copy of the license is included in the section entitled <quote>GNU Free Documentation License</quote>.

msgstr "Baimena ematen da dokumentu hau kopiatu, banatu eta/edo aldatzeko Free Software Foundation-ek argitaratutako GNU Dokumentazio Librearen Lizentziaren 1.1. bertsioan edo berriko batean ezarritako baldintzak betetzen badira; <link linkend="fdl-invariant">Atal Aldaezin</link> hauekin: ZERRENDATU TITULUAK, <link linkend="fdl-cover-texts">Aurreko azal</link>eko testu hauekin: IDATZI ZERRENDA, eta <link linkend="fdl-cover-texts">Atzeko azal</link>eko testu hauekin: IDATZI ZERRENDA. Lizentziaren kopia bat aurkituko duzu <quote>GNU Dokumentazio Librearen lizentzia</quote> atalean."

#: C/fdl.xml:640(para)
msgid "If you have no <link linkend="fdl-invariant">Invariant Sections</link>, write <quote>with no Invariant Sections</quote> instead of saying which ones are invariant. If you have no <link linkend="fdl-cover-texts">Front-Cover Texts</link>, write <quote>no Front-Cover Texts</quote> instead of <quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend="fdl-cover-texts">Back-Cover Texts</link>.

msgstr "<link linkend="fdl-invariant">Atal aldaezin</link>ik ez baduzu, idatzi <quote>Atal aldaezinik gabe</quote> adierazi beharrean. Ez baduzu <link linkend="fdl-cover-texts">Aurreko azaleko testu</link> ik ez baduzu, idatzi <quote>Aurreko azaleko testurik gabe</quote> <quote>Aurreko azaleko testu</link> hauekin: ZERRENDA <quote>jarri beharrean, eta gauza bera <link linkend="fdl-cover-texts">Atzeko azaleko testu</link> erabil ahal izan daitezzen."

#: C/fdl.xml:650(para)
msgid "If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html"> GNU General Public License</ulink>, to permit their use in free software."


#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
#: C/fdl.xml:0(None)
msgid "translator-credits"
msgstr "Hizkuntza Politikarako Sailburuordetza <hizpol@ej.gv.es>, 2008."

# French translation of desktop-gpl.
# Copyright (C) 2006 Free Software Foundation, Inc.
The licenses for most software are designed to take away your freedom to 
"share and change it. By contrast, the GNU General Public License is intended 
"to guarantee your freedom to share and change free software - to make sure 
"the software is free for all its users."

"Les licences de la plupart des logiciels sont conues pour vous enlever "
"toute libert de les partager et de les modifier. A contrario, la Licence "
"Publique Gnrale est destine  garantir votre libert de partager et de "
"modifier les logiciels libres, et  assurer que ces logiciels soient libres "
"pour tous leurs utilisateurs."

#: C/index.docbook:67(sect1/title)
msgid "Preamble"
msgstr "Prambule"

#: C/index.docbook:69(sect1/para)
msgid ""
msgstr ""
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public License is intended "
"to guarantee your freedom to share and change free software - to make sure "
"the software is free for all its users. This General Public License applies "
"to most of the Free Software Foundation's software and to any other program "
"whose authors commit to using it. (Some other Free Software Foundation "
"software is covered by the GNU Library General Public License instead.) You "
"can apply it to your programs, too."
msgstr ""
"Les licences de la plupart des logiciels sont conues pour vous enlever "
"toute libert de les partager et de les modifier. A contrario, la Licence "
"Publique Gnrale est destine  garantir votre libert de partager et de "
"modifier les logiciels libres, et  assurer que ces logiciels soient libres "
"pour tous leurs utilisateurs. La prsente Licence Publique Gnrale "
"s'applique  la plupart des logiciels de la Free Software Foundation, ainsi "
"qu' tout autre programme pour lequel ses auteurs s'engagent  l'utiliser. "
"(Certains autres logiciels de la Free Software Foundation sont couverts par "
"la GNU Lesser General Public License  la place.) Vous pouvez aussi "
"l'appliquer aux programmes qui sont les vtres."

#: C/index.docbook:81(sect1/para)
msgid ""
msgstr ""
"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."
msgstr ""
"Quand nous parlons de logiciels libres, nous parlons de libert, non de "
"prix. Nos licences publiques gnrales sont conues pour vous donner "
"l'assurance d'tre libres de distribuer des copies des logiciels libres (et "
"de facturer ce service, si vous le souhaitez), de recevoir le code source ou "
"de pouvoir l'obtenir si vous le souhaitez, de pouvoir modifier les logiciels "
"ou en utiliser des lments dans de nouveaux programmes libres et de savoir "
"que vous pouvez le faire."
To protect your rights, we need to make restrictions that forbid anyone to 
"deny you these rights or to ask you to surrender the rights. These "
"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it."

"Pour protéger vos droits, il nous est nécessaire d'imposer des limitations "
"qui interdisent quiconque de vous refuser ces droits ou de vous demander "
"d'y renoncer. Certaines responsabilités vous incombent en raison de ces "
"limitations si vous distribuez des copies de ces logiciels, ou si vous les "
"modifiez."

For example, if you distribute copies of such a program, whether gratis or 
"for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights."

"Par exemple, si vous distribuez des copies d'un tel programme, titre "
"gratuit ou contre une remunération, vous devez accorder aux destinataires "
"tous les droits dont vous disposez. Vous devez vous assurer qu'eux aussi "
"reçoivent ou puissent disposer du code source. Et vous devez leur montrer "
"les présentes conditions afin qu'ils aient connaissance de leurs droits."

We protect your rights with two steps: 

- copyright the software, and 
- offer you this license which gives you legal permission to copy, distribute "
  and/or modify the software."

Also, for each author's protection and ours, we want to make certain that 
"everyone understands that there is no warranty for this free software. If "
"the software is modified by someone else and passed on, we want its "
"recipients to know that what they have is not the original, so that any "
problems introduced by others will not reflect on the original authors’ reputations.

"En outre, pour la protection de chaque auteur ainsi que la ntre, nous voulons nous assurer que chacun comprenne que ce logiciel libre ne fait l'objet d'aucune garantie. Si le logiciel est modifié par quelqu'un d'autre, nous voulons que les destinataires soient mis au courant que ce qu'ils ont reçu n'est pas le logiciel d'origine, de sorte que tout problème introduit par d'autres ne puisse entacher la réputation de l'auteur originel.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will "individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be "licensed for everyone's free use or not licensed at all.

"En définitive, un programme libre restera la merci des brevets des logiciels. Nous souhaitons viter le risque que les redistributeurs d'un programme libre fassent des demandes individuelles de licence de brevet, ceci ayant pour effet de rendre le programme propriétaire. Pour viter cela, nous tablissons clairement que toute licence de brevet doit être concédée de façon que l'usage en soit libre pour tous ou bien qu'aucune licence ne soit concédée.

The precise terms and conditions for copying, distribution and modification follow. Les termes exacts et les conditions de copie, distribution et modification sont les suivants.

This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The <quote>Program</quote>, below, refers to

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"any such program or work, and a <quote>work based on the Program</quote> "
"means either the Program or any derivative work under copyright law: that is "
"to say, a work containing the Program or a portion of it, either verbatim or "
"with modifications and/or translated into another language. (Hereinafter, "
"translation is included without limitation in the term <quote>modification</quote>"
"quote>.) Each licensee is addressed as <quote>you</quote>.

msgid ""
"La presente Licence s'applique tout programme ou tout autre ouvrage "
"contenant un avis, appos par le titulaire des droits d'auteur, stipulant "
"qu'il peut tre distribu au titre des conditions de la presente Licence "
"Publique Gnrale. Ci-aprs, le <quote>Programme</quote> dsigne l'un "
"quelconque de ces programmes ou ouvrages, et un <quote>ouvrage fond sur le "
"Programme</quote> dsigne soit le Programme, soit un ouvrage qui en drive "
"au titre des lois sur le droit d'auteur: en d'autres termes, un ouvrage "
"contenant le Programme ou une partie de ce dernier, soit l'identique, soit "
"avec des modifications et/ou traduit dans un autre langage. (Ci-aprs, le "
"terme <quote>modification</quote> implique, sans s'y rduire, le terme "
"traduction) Chaque concessionnaire sera dsign par <quote>vous</quote>.

#: C/index.docbook:163(sect2/para)
msgid ""
"Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running the Program "
"is not restricted, and the output from the Program is covered only if its "
"contents constitute a work based on the Program (independent of having been "
"made by running the Program). Whether that is true depends on what the "
"Program does."

msgid ""
"Les activits autres que la copie, la distribution et la modification ne "
"sont pas couvertes par la presente Licence; elles sont hors de son champ "
"d'application. L'operation consistant excuter le Programme n'est soumise "
"aucune limitation et les sorties du programme ne sont couvertes que si "
"leur contenu constitue un ouvrage fond sur le Programme (indpendamment du "
"fait qu'il ait t ralis par l'execution du Programme). La validit de ce "
"qui prcde dpend de ce que fait le Programme."

#: C/index.docbook:173(sect2/title)
msgid "Section 1"
msgid "Article 1"

#: C/index.docbook:174(sect2/para)
msgid ""
"You may copy and distribute verbatim copies of the Program's source code as "
"you receive it, in any medium, provided that you conspicuously and "
"appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and give any other recipients of "
"the Program a copy of this License along with the Program."
Vous pouvez copier et distribuer des copies l'identique du code source du "Programme tel que vous l'avez reçu, sur n'importe quel support, du moment que vous apposiez sur chaque copie, de manière ad hoc et parfaitement visible, l'avis de droit d'auteur adquat et une exonération de garantie; que vous gardiez intacts tous les avis faisant référence à la présente Licence et l'absence de toute garantie; et que vous fournissiez tout destinataire du Programme autre que vous même un exemplaire de la présente Licence en même temps que le Programme.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

Vous pouvez faire payer l'acte physique de transmission d'une copie, et vous pouvez, à votre discrétion, proposer une garantie contre rémunération.

You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

Vous devez munir les fichiers modifiés d'avis bien visibles stipulant que vous avez modifié ces fichiers, ainsi que la date de chaque modification;

You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

Vous devez prendre les dispositions nécessaires pour que tout ouvrage que vous distribuez ou publiez, et qui, en totalité ou en partie, contient ou est fond sur le Programme ou une partie quelconque de ce dernier - soit concédé comme un tout, titre gratuit, n'importe quel tiers, au titre des conditions de la présente Licence;

Exception:

Exception:
"If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."

"Si le Programme est lui-même interactif mais n'imprime pas habituellement "
"une telle annonce, votre ouvrage fond sur le Programme n'est pas oblig "
"d'imprimer une annonce."

"If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. 

"Si le programme modifié habituellement des instructions de façon "
"interactive lorsqu'on l'exécute, vous devez, quand il commence son exécution "
"pour ladite utilisation interactive de la manière la plus usuelle, faire en "
"sorte qu'il imprime ou affiche une annonce comprenant un avis de droit "
"d'auteur ad hoc, et un avis stipulant qu'il n'y a pas de garantie (ou bien "
"indiquant que c'est vous qui fournissez la garantie), et que les "
"utilisateurs peuvent redistribuer le programme en respectant les présentes "
"obligations, et expliquant l'utilisateur comment voir une copie de la "
"présente Licence. 

"You may modify your copy or copies of the Program or any portion of it, thus "
"forming a work based on the Program, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</link> above, provided that you also meet all of these conditions: "

"Vous pouvez modifier votre copie ou des copies du Programme ou n'importe "
"quelle partie de celui-ci, crant ainsi un ouvrage fond sur le Programme, "
"et copier et distribuer de telles modifications ou ouvrage selon les termes "
"de l'<link linkend="sect1">Article 1</link> ci-dessus, condition de vous "
"conformer galement chacune des obligations suivantes: 

"These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Program, and can be "
"reasonably considered independent and separate works in themselves, then "

---

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"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Program, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."

msgid "" msgstr ""
"Ces obligations s'appliquent l'ouvrage modifié pris comme un tout. Si des "
"lments identifiables de cet ouvrage ne sont pas fondés sur le Programme "
"et peuvent raisonnablement être considérés comme des ouvrages indépendants "
"distincts en eux mêmes, alors la présente Licence et ses conditions ne "
"s'appliquent pas ces lments lorsque vous les distribuez en tant "
"qu’ouvrages distincts. Mais lorsque vous distribuez ces mêmes lments comme "
"partie d'un tout, lequel constitue un ouvrage fondé sur le Programme, la "
"distribution de ce tout doit être soumise aux conditions de la présente "
"Licence, et les autorisations qu'elle octroie aux autres concessionnaires "
"s'entendent l'ensemble de l'ouvrage et par conséquent chaque et toute "
"partie indifféremment de qui l'a écrit."

#: C/index.docbook:247(sect2/para)
msgid "" msgstr ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Program."

msgid "" msgstr ""
"Par conséquent, l'objet du présent article n'est pas de revendiquer des "
"droits ou de contester vos droits sur un ouvrage entièrement écrit par "
"vous; son objet est plutôt d'exercer le droit de contrôler la distribution "
"d'ouvrages drivs ou d'ouvrages collectifs fonds sur le Programme."

#: C/index.docbook:253(sect2/para)
msgid "" msgstr ""
"In addition, mere aggregation of another work not based on the Program with "
"the Program (or with a work based on the Program) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."

msgid "" msgstr ""
"De plus, la simple proximité du Programme avec un autre ouvrage qui n'est "
"pas fond sur le Programme (ou un ouvrage fond sur le Programme) sur une "
"partition d'un espace de stockage ou un support de distribution ne place pas "
"autre ouvrage dans le champ d'application de la présente Licence."

#: C/index.docbook:261(sect2/title)
msgid "Section 3"
msgid "" msgstr ""Article 3"

#: C/index.docbook:271(listitem/para)
msgid ""
"Accompany it with the complete corresponding machine-readable source code, "
"which must be distributed under the terms of <link linkend=""
"'sect1'">Sections 1</link> and <link linkend="sect2'">2</link> above on a "
"medium customarily used for software interchange; or,"
msgstr ""
"L'accompagner de l'intégralité du code source correspondant, sous une forme "
"lisible par un ordinateur, lequel doit être distribué au titre des termes "
"des <link linkend="'sect1'">Articles 1</link> et <link linkend="sect2'">2</link> ci-dessus, sur un support habituellement utilis pour l'échange de "
"logiciels; ou,"

#: C/index.docbook:278(listitem/para)
msgid ""
"Accompany it with a written offer, valid for at least three years, to give "
"any third party, for a charge no more than your cost of physically "
"performing source distribution, a complete machine-readable copy of the "
"corresponding source code, to be distributed under the terms of Sections 1 "
"and 2 above on a medium customarily used for software interchange; or,"
msgstr ""
"L'accompagner d'une proposition écrite, valable pendant au moins trois ans, "
"de fournir tout tiers, un tarif qui ne soit pas supérieur ce que vous "
"coute l'acte physique de réaliser une distribution source, une copie "
"intégrale du code source correspondant sous une forme lisible par un "
"ordinateur, qui sera distribuée au titre des termes des Articles 1 et 2 ci-"
"dessus, sur un support habituellement utilis pour l'échange de logiciels; "
"ou,"

#: C/index.docbook:287(listitem/para)
msgid ""
"Accompany it with the information you received as to the offer to distribute "
"corresponding source code. (This alternative is allowed only for "
"noncommercial distribution and only if you received the program in object "
"code or executable form with such an offer, in accord with Subsection b "
"above.)"
msgstr ""
"L'accompagner des informations reîues par vous concernant la proposition de "
"distribution du code source correspondant. (Cette solution n'est autorisée "
"que dans le cas d'une distribution non-commerciale et seulement si vous avez "
"reçu le programme sous forme de code objet ou d'exécutable accompagn d'une "
"telle proposition - en conformité avec le sous-Article b ci-dessus.)"

#: C/index.docbook:263(sect2/para)
msgid ""
"You may copy and distribute the Program (or a work based on it, under <link "
"linkend='"sect2'">Section 2</link>) in object code or executable form under "
"the terms of <link linkend='"sect1'">Sections 1</link> and <link linkend=""
"'sect2'">2</link> above provided that you also do one of the following: <_:"
Nous pouvons copier et distribuer le Programme (ou un ouvrage fondé sur lui, "selon l’Article 2") sous forme de code objet "ou d’exécutable, selon les termes des Articles 1 et 2 ci-dessus, condition que vous "accomplissiez l’un des points suivants:".

Le code source d’un ouvrage désigne la forme favorite pour travailler des modifications à cet ouvrage. Pour un ouvrage exécutable, le code source "inclus la totalité du code source de la totalité des modules qu’il "contient, ainsi que les ventilateurs fichiers de définition des interfaces qui "y sont associés, ainsi que les scripts utilisés pour contrôler la "compilation et l’installation de l’exécutable. Cependant, par exception "spéciale, le code source distribué n’est pas censé inclure quoi que ce soit "de normalement distribué (que ce soit sous forme source ou binaire) avec les "composants principaux (compilateur, noyau, et autre) du système "d’exploitation sur lequel l’exécutable tourne, moins que ce composant lui-"mêmes n’accompagne l’exécutable.”

Si distribuer un exécutable ou un code objet consiste offrir un accès "permettant leur copie depuis un endroit particulier, alors l’offre d’un "accès en plus pour copier le code source depuis le même endroit compte "comme une distribution du code source - même si les tiers ne sont pas "contraints de copier le source en même temps que le code objet.”
You may not copy, modify, sublicense, or distribute the Program except as "
expressly provided under this License. Any attempt otherwise to copy, "
"modify, sublicense or distribute the Program is void, and will automatically "
terminate your rights under this License. However, parties who have received "
copies, or rights, from you under this License will not have their licenses "
terminated so long as such parties remain in full compliance."

You are not required to accept this License, since you have not signed it. "
However, nothing else grants you permission to modify or distribute the "
Program or its derivative works. These actions are prohibited by law if you "
do not accept this License. Therefore, by modifying or distributing the "
Program (or any work based on the Program), you indicate your acceptance of "
this License to do so, and all its terms and conditions for copying, "
distributing or modifying the Program or works based on it."

Vous n'êtes pas oblig d'accepter la présente Licence tant donné que vous "
ne l'avez pas signé. Cependant, rien d'autre ne vous accorde l'autorisation "
de modifier ou distribuer le Programme ou les ouvrages fonds sur lui. Ces "
actions sont interdites par la loi si vous n'acceptez pas la présente "
Licence. En conséquence, en modifiant ou distribuant le Programme (ou un "
ouvrage quelconque fond sur le Programme), vous signifiez votre acceptation "
de la présente Licence en le faisant, et de toutes ses conditions concernant "
la copie, la distribution ou la modification du Programme ou d'ouvrages "
fonds sur lui."
Each time you redistribute the Program (or any work based on the Program),
the recipient automatically receives a license from the original licensor to
copy, distribute or modify the Program subject to these terms and
conditions. You may not impose any further restrictions on the recipients'
exercise of the rights granted herein. You are not responsible for enforcing
compliance by third parties to this License.

Chaque fois que vous redistribuez le Programme (ou n'importe quel ouvrage)
fond sur le Programme), une licence est automatiquement concédée au
destinataire par le concédant originel de la licence, l'autorisant copier,
distribuer ou modifier le Programme, sous réserve des présentes conditions.
Vous ne pouvez imposer une quelconque limitation supplémentaire l'exercice
des droits octroyés au titre des présentes par le destinataire. Vous n'avez
pas la responsabilité d'imposer le respect de la présente Licence des
 tiers.

If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot distribute so
as to satisfy simultaneously your obligations under this License and any
other pertinent obligations, then as a consequence you may not distribute
the Program at all. For example, if a patent license would not permit
royalty-free redistribution of the Program by all those who receive copies
directly or indirectly through you, then the only way you could satisfy both
it and this License would be to refrain entirely from distribution of the
Program.

Si, conséquemment une décision de justice ou l'allégation d'une
transgression de brevet ou pour toute autre raison (non limitée un
problème de brevet), des obligations vous sont imposées (que ce soit par
jugement, conciliation ou autre) qui contredisent les conditions de la
présente Licence, elles ne vous excusent pas des conditions de la présente
Licence. Si vous ne pouvez distribuer de manière satisfaire simultanément
vos obligations au titre de la présente Licence et toute autre obligation
pertinente, alors il en découle que vous ne pouvez pas du tout distribuer le
Programme. Par exemple, si une licence de brevet ne permettait pas une
redistribution sans redevance du Programme par tous ceux qui reçoivent une
copie directement ou indirectement par votre intermédiaire, alors la seule
“faon pour vous de satisfaire la fois la licence du brevet et la”
“présente Licence serait de vous abstenir totalement de toute distribution du”
“Programme.”

#: C/index.docbook:367(sect2/para)
msgid ""
"If any portion of this section is held invalid or unenforceable under any"
"particular circumstance, the balance of the section is intended to apply and"
"the section as a whole is intended to apply in other circumstances.”
msgstr ""
"Si une partie quelconque de cet article est tenue pour nulle ou inopposable"
"dans une circonstance particulière quelconque, l'intention est que le reste"
"de l'article s'applique. La totalité de la section s'appliquera dans toutes"
"les autres circonstances.”

#: C/index.docbook:373(sect2/para)
msgid ""
"It is not the purpose of this section to induce you to infringe any patents"
"or other property right claims or to contest validity of any such claims;"
"this section has the sole purpose of protecting the integrity of the free"
"software distribution system, which is implemented by public license"
"practices. Many people have made generous contributions to the wide range of"
"software distributed through that system in reliance on consistent"
"application of that system; it is up to the author/donor to decide if he or"
"she is willing to distribute software through any other system and a"
"licensee cannot impose that choice.”
msgstr ""
"Cet article n'a pas pour but de vous induire à transgresser un quelconque"
"brevet ou d'autres revendications un droit de propriété ou à contester la"
"validité de la moindre de ces revendications; cet article a pour seul"
"objectif de protéger l'intégrité du système de distribution du logiciel"
"libre, qui est mis en oeuvre par la pratique des licences publiques. De"
"nombreuses personnes ont fait de généreuses contributions au large spectre"
"de logiciels distribués par ce système en se fiant l'application cohérente"
"de ce système; il appartient chaque auteur/donateur de décider si il ou"
"elle veut distribuer du logiciel par l'intermédiaire d'un quelconque autre"
"système et un concessionnaire ne peut imposer ce choix.”

#: C/index.docbook:383(sect2/para)
msgid ""
"This section is intended to make thoroughly clear what is believed to be a"
"consequence of the rest of this License.”
msgstr ""
"Cet article a pour but de rendre totalement limpide ce que l'on pense tre"
"une conséquence du reste de la présente Licence.”

#: C/index.docbook:390(sect2/title)
msgid "Section 8"
If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and any later version, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.
"Chaque version possède un numéro de version la distinguant. Si le Programme "
"précise le numéro de version de la présente Licence qui s'y applique et "
"<quote>une version ultérieure quelconque</quote>, vous avez le choix de "
"suivre les conditions de la présente version ou de toute autre version "
"ultérieure publiée par la Free Software Foundation. Si le Programme ne "
"spécifie aucun numéro de version de la présente Licence, vous pouvez choisir "
"une version quelconque publiée par la Free Software Foundation quelque "
"moment que ce soit."

#: C/index.docbook:420(sect2/title)
msgid "Section 10"
msgstr "Article 10"

#: C/index.docbook:422(sect2/para)
msgid """nIf you wish to incorporate parts of the Program into other free programs "
"whose distribution conditions are different, write to the author to ask for "
"permission. For software which is copyrighted by the Free Software "
"Foundation, write to the Free Software Foundation; we sometimes make "
"exceptions for this. Our decision will be guided by the two goals of "
"preserving the free status of all derivatives of our free software and of "
"promoting the sharing and reuse of software generally."
msgstr """n
"Si vous souhaitez incorporer des parties du Programme dans d'autres "
"programmes libres dont les conditions de distribution sont différentes, "
"crivez à l'auteur pour lui en demander l'autorisation. Pour les logiciels "
"dont la Free Software Foundation est titulaire des droits d'auteur, crivez "
"à la Free Software Foundation; nous faisons parfois des exceptions dans ce "
"sens. Notre décision sera guidée par le double objectif de préservé le "
"statut libre de tous les dérivés de nos logiciels libres et de promouvoir le "
"partage et la réutilisation des logiciels en général."

#: C/index.docbook:432(sect2/title)
msgid "NO WARRANTY"
msgstr "ABSENCE DE GARANTIE"

#: C/index.docbook:433(sect2/subtitle)
msgid "Section 11"
msgstr "Article 11"

#: C/index.docbook:435(sect2/para)
msgid """nBECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "
"PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE "
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "
"PROGRAM <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED "
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF "
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "

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Open Source Used In Data Center Network Manager 11 11.5(4) 6208
"THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM "
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."

msgid """
"COMME LA LICENCE DU PROGRAMME EST CONCEDÉ TITRE GRATUIT, AUCUNE GARANTIE "
"NE S'APPLIQUE AU PROGRAMME, DANS LES LIMITES AUTORISES PAR LA LOI "
"APPLICABLE. SAUF MENTION CONTRAIRE CRITE, LES TITULAIRE S DU DROIT D'AUTEUR "
"ET/OU LES AUTRES PARTIES FOURNISSENT LE PROGRAMME <quote>TELQUEL</quote>, "
"SANS AUCUNE GARANTIE DE QUELQUE NATURE QUE CE SOIT, EXPRESSE OU IMPLICITE, Y "
"COMPRIS, MAIS SANS Y TRE LIMIT, LES GARANTIES IMPLICITES DE "
"MARCHANDABILIT ET D'ADQUATION UN OBJEJCTIF PARTICULIER. VOUS ASSUMEZ LA "
"TOTALIT DES RISQUES LIS LA QUALIT ET AUX PERFORMANCES DU PROGRAMME. SI "
"LE PROGRAMME SE RVLAIT DFECTUEUX, LE COT DE L'ENTRETIEN, DES RPARATIONS "
"OU DES CORRECTIONS NCESSAIRES VOUS INCOMBENT INTGRALEMENT."

#: C/index.docbook:446(sect2/title)
msgid "Section 12"
msgstr "Article 12"

#: C/index.docbook:448(sect2/para)
msgid """
"IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "
"THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
"SUCH DAMAGES."
msgstr ""
"EN AUCUN CAS, SAUF LORSQUE LA LOI APPLICABLE OU UNE CONVENTION CRITE "
"L'EXIGE, UN TITULAIRE DE DROIT D'AUTEUR QUEL QU'IL SOIT, OU TOUTE PARTIE QUI "
"POURRAIT MODIFIER ET/OU REDISTRIBUER LE PROGRAMME COMME PERMIS CI-DESSUS, NE "
"POURRAIT TRE TENU POUR RESPONSABLE VOTRE GARD DES DOMMAGES, INCLUANT LES "
"DOMMAGES GNRIQUES, SPECIFIQUES, SECONDAIRES OU CONSUTIFS, RSULTANT DE "
"L'UTILISATION OU DE L'INCAPACIT D'UTILISER LE PROGRAMME (Y COMPRIS, MAIS "
"SANS Y TRE LIMIT, LA PERTE DE DONNES, OU LE FAIT QUE DES DONNES SOIENT "
"RENDUES IMPRCISES, OU LES PERTES PROUDES PAR VOUS OU PAR DES TIERS, OU LE "
"FAIT QUE LE PROGRAMME CHOE INTOINER AVEC UN AUTRE PROGRAMME QUEL "
"QU'IL SOIT) MME SI LE DIT TITULAIRE DU DROIT D'AUTEUR OU LE PARTI CONCERN "
"A T AVERTI DE L'EVENTUALIT DE TELS DOMMAGES."

#~ msgid "2000"
#~ msgstr "2000"

#~ msgid "2"
#~ msgstr "2"
Llicencia Pública General Reduda de GNU

Les llicències de la majoria de programari estan dissenyades per a prendre-us la llibertat de compartir-lo i modificar-lo. Contrariament, les Llicències dels generals de GNU estan pensades per a garantir-vos la llibertat de compartir-lo i modificar-lo, per tal d'assegurar que el programari sigui lliure per a tots els usuaris i usuries.

Tothom pot copiar i distribuir còpies literals d'aquest document de la llicència, per no es permet de fer-hi modificacions.

Les llicències de la majoria de programari estan dissenyades per a prendre-us la llibertat de compartir-lo i modificar-lo. Contrariament, les Llicències dels generals de GNU estan pensades per a garantir-vos la llibertat de compartir-lo i modificar-lo, per tal d'assegurar que el programari sigui lliure per a tots els usuaris i usuries.
Les llicències de la majoria de programari estan dissenyades per a prendre-us la llibertat de compartir-lo i modificar-lo. Contrariament, les Llicències públiques generals de GNU estan pensades per a garantir-vos la llibertat de compartir i modificar el programari lliure, per tal d’assegurar que el programari sigui lliure per a tots els seus usuaris i usuries.

Quan parlem de programari lliure ens referim a la llibertat, no al preu. Les nostres llicències públiques generals estan pensades per assegurar que tingueu la llibertat de distribuir còpies del programari lliure (i de cobrar per aquest servei, si voleu); que rebeu el codi font o que, si el voleu, el pugueu rebre; que pugueu modificar el programari o fer-ne servir parts en programes lliures nous; i que sapigueu que podeu fer totes aquestes coses.

Per protegir els vostres drets, cal que apliquem restriccions que prohibeixin a tothom de negar-vos aquests drets o demanar-vos que hi renunciue. Aquestes restriccions suposen determinades responsabilitats per a vs si distribueu còpies del programari o si el modifiqueu.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.
We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary
General Public License. It also provides other free software developers
Less of an advantage over competing non-free programs. These
disadvantages are the reason we use the ordinary General Public License
for many libraries. However, the Lesser license provides advantages in
certain special circumstances.
</para>

<para>
For example, on rare occasions, there may be a special need to
encourage the widest possible use of a certain library, so that it becomes
a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this
case, there is little to gain by limiting the free library to free
software only, so we use the Lesser General Public License.
</para>

<para>
In other cases, permission to use a particular library in non-free
programs enables a greater number of people to use a large body of
free software. For example, permission to use the GNU C Library in
non-free programs enables many more people to use the whole GNU
operating system, as well as its variant, the GNU/Linux operating
system.
</para>

<para>
Although the Lesser General Public License is Less protective of the
users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.
</para>

<para>
The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
work based on the library and a work that uses the library. The former contains code derived from the library,
whereas the latter must be combined with the library in order to run.
</para>

</sect1>

<sect1 id="terms" label="none"/>
<title>TERMES I CONDICIONS PER A LA CPIA, DISTRIBUCI I MODIFICACI</title>

<sect2 id="sect0" label="0"/>
<title>Secci 0</title>
This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.
Podeu cobrar un preu per l'acte físic de trametre una còpia i podeu, si així ho voleu, oferir alguna garantia a canvi d'un preu. 

Podeu modificar la còpia o còpies de la biblioteca o qualsevol tros de la biblioteca i, així, fer una obra basada en la biblioteca, i podeu copiar i distribuir aquestes modificacions o obres sota els termes de la Secció 1 anterior, sempre que també compliu les condicions següents: 

1. The modified work must itself be a software library.
2. Heu de fer que els fitxers modificats portin indicacions ben visibles que diguin que heu modificat els fitxers, i hi heu d'escriure la data de la modificació.
3. You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
4. If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
Aquests requeriments afecten l'obra modificada com un tot. Si hi ha parts identificables que no es van derivades de la biblioteca, i es poden considerar racionablement com a obres independents i separades en si mateixes, aleshores aquesta llicència i els seus termes no s'apliquen a aquelles parts quan les distribueu com a obres separades. Per quan distribueu aquestes mateixes parts integrades en un tot que sigui una obra basada en la biblioteca, la distribució del tot s'ha de fer d'acord amb els termes d'aquesta llicència, i els permisos atorgats a altres beneficiaris abasten el tot sencer i, per tant, totes i cadascuna de les parts, independentment de qui les hagi escrites.

Així doncs, la intenció d'aquesta secció no consisteix a reclamar o disputar-vos cap dret a codi que hagueu escrit del tot vs mateix. La intenció és aviat exercir el dret a controlar la distribució d'obres derivades o collectives basades en la biblioteca.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

When a work that uses the Library uses material from a header file that is part of the Library, the object code for the work
may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a work that uses the Library with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:
Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
For an executable, the required form of the work that uses the Library must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.

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distribute the Library is void, and will automatically terminate your
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or rights, from you under this License will not have their licenses
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Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients’ exercise of the rights granted herein.
No esteu obligat a acceptar aquesta llicncia, ja que no l'heu signada. Tanmateix, no hi ha cap altra opció que us doni permís per modificar o distribuir la biblioteca o les seves obres derivades. Aquestes accions queden prohibides per la llei si no accepteu aquesta llicencia. Això doncs, en modificar o distribuir la biblioteca o les seves obres derivades, indiqueu que accepteu aquesta llicncia per a fer-ho, i tots els seus termes i condicions per copiar, distribuir o modificar la biblioteca o obres que hi estiguin basades.

You are not responsible for enforcing compliance by third parties with
this License.
Si, a conseqüència d'una decisió judicial, una demanda per infracció d'una patent o per qualsevol altra raó (no exclusivament relacionada amb patents), se us imposen condicions (tant si s'hi ordren judicial, acord, o el que sigui) que contradueixen les condicions d'aquesta llicència, no queda excusat de les condicions d'aquesta llicència. Si no us s'hi possible distribuir de manera que satisfi a la hora les obligacions que us imposa aquesta llicència i qualsevol altra obligació pertinent, aleshores no podeu distribuir el programa en absolut. Per exemple, si una llicència de patent no permet redistributeixar gratuïtament la biblioteca a aquells que hagin rebut copies de vs directament o indirectament, aleshores la única manera en què podreu satisfacer tant així com aquesta llicència seria abstenir-vos completament de distribuir la biblioteca.</para>

Si qualsevol fragment d'aquesta secció quedarà invalidat o no es pogués fer complir en qualsevol circumstància particular, la intenció s'ha de s'aplique al balan de la secció, i que s'apliqui la secció en la seva totalitat en altres circumstàncies.</para>

El propòsit d'aquesta secció no s'induir-vos a infringir cap patent ni cap altre requeriment del dret a la propietat, o a discutir-ne la validesa; l'unic propòsit d'aquesta secció s'ha de protegir la integritat del sistema de distribució de programari lliure, que s'implènta amb pràctiques de llicència pública. Molta gent ha fet generoses contribucions a l'ampli ventall de programari distribuït per aquest sistema refiant-se de l'aplicació consistent del sistema; li pertoca a l'autor, autora o donant decidir si vol distribuir programari per algun altre sistema, i un beneficiari de la llicència no pot imposar aquesta elecció.</para>

Aquesta secció pren a deixar del tot clar el que es considera una conseqüència de la resta de la llicència.</para>

Si hi ha pasos que restringeixen la distribució o l's de la biblioteca, ja sigui per patents o per interfacies sota copyright, el possessor del copyright original que posi la biblioteca sota aquesta llicència pot afegir limitacions geogràfiques explícites que exclouin aquests pasos, de manera que la distribució nom s'hi quedi permesa dins dels pasos no exclosos, o entre ells. En tal cas, aquesta llicència incorpora la limitació com si estigués escrita en el text de la llicència.</para>

The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and any later version, you have the option of following the terms and conditions either of that version or of any later version published by
the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

</para>
</sect2>

<sect2 id="sect14" label="14">
<title>Secci 14</title>

<para>If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.
</para>
</sect2>

<sect2 id="sect15" label="15">
<title>SENSE GARANTIA</title>

<subtitle>Secci 15</subtitle>

<para>ATS QUE LA BIBLIOTECA T UNA LLICNCIA GRATUTA, NO SE N'OFEREIX CAP TIPUS DE GARANTIA, EN LA MESURA PERMESA PER LES LLEIS APLICABLES. LLEVAT DELS CASOS EN QU S'AFIRMI EL CONTRARI PER ESCRIT, ELS LLICENCIDORS I/O LES ALTRES PARTS OFEREIXEN LA BIBLIOTECA <quote>TAL COM S</quote>, SENSE CAP TIPUS DE GARANTIA, NI EXPLCITA NI IMPLICITA; AIX INCLU, SENSE LIMITAR-SH, LES GARANTIES IMPLICITES DE COMERCIALITZACI I ADEQUACI A UN S CONCRET. TOT EL RISC PE QUE FA A LA QUALITAT I RENDIMENT DE LA BIBLIOTECA S VOSTRE. EN CAS QUE LA BIBLIOTECA RESULTS DEFECTUOSA, VS ASSUMIU TOT EL COST D'ASSISTNIA, REPARACI O CORRECCI.</para>
</sect2>

<sect2 id="sect16" label="16">
<title>Secci 16</title>

</sect2>
As licenças de muitos softwares são desenvolvidas para restringir sua liberdade de compartilhá-lo e mudá-lo. Contrário a isso, a Licença Pública Geral GNU pretende garantir sua liberdade de compartilhar e alterar software livres – garantindo que o software ser livre e gratuito para os seus usuários.

Quando nos referimos a software livre, estamos nos referindo à liberdade, e não a preço. As nossas Licenças Públicas Gerais foram desenvolvidas para garantir que você tenha a liberdade de distribuir cópias de softwares livres (e cobrar por este serviço, se quiser); que você receba o código-fonte ou tenha acesso a ele, se quiser; que você possa alterar o software ou utilizar partes dele em novos programas livres; e que você saiba que pode fazer tudo isso.

Para proteger seus direitos, precisamos fazer restrições que impeçam a qualquer um de negar estes direitos ou solicitar que você abdique deles. Estas restrições traduzem-se em certas responsabilidades para você, se você for distribuir cópias do software ou modificá-lo.

Além disso, tanto para a proteção de cada autor quanto a nossa, gostaríamos de nos certificar de que todos...
entendam que no h qualquer garantia nestes softwares livres. Se o software modificado por algum mais e passado adiante, queremos que seus recebedores saibam que o que eles obvieram no original, de forma que qualquer problema introduzido por terceiros no interfira na reputao do autor original.</para>

</sect1>

<sect1 id="terms" label="\n">
<title>TERMOS E CONDIAS PARA CPIA, DISTRIBUIO E MODIFICAO</title>

<sect2 id="sect0" label="0">
<title>Seo 0</title>

<para>Esta Licena se aplica a qualquer programa ou outro trabalho que contenha um aviso colocado pelo detentor dos direitos autorais informando que aquele pode ser distribuido sob as condies desta Licena Pblica Geral. O Programa</quote> abaixo refere-se a qualquer programa ou trabalho, e <quote>trabalho baseado no Programa</quote> significa tanto o Programa em si como quaisquer trabalhos derivados, de acordo com a lei de direitos autorais: isto quer dizer um trabalho que contenha o Programa ou parte dele, tanto originalmente quanto com modificaes, e/ou traduo para outro idioma. (Doravante traduo est includo sem limites no termo <quote>modificao</quote>.) Cada licenciado mencionado como <quote>voc</quote>.</para>

<para>Atividades alm de cpa, distribuição e modificao no esto cobertas por esta Licena; elas esto fora de seu escopo. O ato de executar o Programa no restringido, e o resultado do Programa coberto apenas se seu contedo contenha trabalhos baseados no Programa (independentemente de terem sido gerados pela execuo do Programa). Se isso verdadeiro depende do que o Programa faz.</para>

</sect2>

<sect2 id="sect1" label="1">
<title>Seo 1</title>

<para>Voc pode copiar e distribuir cpias fiis do cdigo-fonte do Programa da mesma forma que voc o recebeu, usando qualquer meio, desde que voc conspua e apropriadamente publique em cada cpa um aviso de direitos autorais e uma declarao de inexistncia de garantias de forma apropriada; mantenha intactos todos os avisos que se referem a esta Licena e ausncia total de garantias; e fornea a outros recebedores do Programa uma cpa desta Licena, junto com o Programa.</para>

<para>Voc pode cobrar pelo ato fsico de transferir uma cpa e pode, opcionalmente, oferecer garantia em troca de pagamento.</para>

</sect2>

<sect2 id="sect2" label="2">
<title>Seo 2</title>

<para>Voc pode modificar sua cpa ou cpias do Programa, ou qualquer parte dele, assim gerando um trabalho baseado no Programa, e copiar e distribuir essas modificaes ou trabalhos sob os termos da <link
Seo 1 acima, desde que você também se atenda a todas estas condições: <orderedlist numeration="loweralpha">
  <listitem>
    <para>Você tem que fazer com que os arquivos modificados levem avisos proeminentes afirmando que você alterou os arquivos, incluindo a data de qualquer alteração.</para>
  </listitem>
  <listitem>
    <para>Você tem que fazer com que quaisquer trabalhos que você distribua ou publique, e que integralmente ou em partes contenham ou sejam derivados do Programa ou de suas partes, sejam licenciados, integralmente e sem custo algum para quaisquer terceiros, sob os termos desta Licença.</para>
  </listitem>
  <listitem>
    <para>Se o programa modificado normalmente l comandos interativamente quando executados, você tem que fazer com que, quando iniciado tal uso interativo da forma mais simples, seja impresso ou mostrado um anúncio de direitos autorais um e anúncio de que no h qualquer garantia (ou ento, que você fornece a garantia) e que os usuários podem redistribuir o programa sob estas condições, ainda informando os usuários como consultar uma cópia desta Licença. <note>
      <title>Exceção:</title>
      <para>se o Programa em si interativo mas normalmente no imprime estes tipos de anúncios, seu trabalho baseado no Programa no precisa imprimir um anúncio.</para>
    </note></para>
  </listitem>
</orderedlist>

Estas exigências aplicam-se ao trabalho modificado como um todo. Se se estiverem derivadas do Programa, e que podem ser razoavelmente consideradas trabalhos independentes e separados por si s, ento esta Licença, e seus termos, no se aplicam a estas se as quando você distribui-las como trabalhos em separado. Mas quando você distribuir as mesmas se as como parte de um todo, o qual baseado no Programa, a distribuição como um todo deve que se enquadrar nos termos desta Licença, cujas permissões para outros licenciados se estendem ao todo, portanto para cada e toda parte, independente de quem a escreveu.

Destina-se, esta se no tem a intenção de reclamar direitos ou contestar seus direitos sobre o trabalho escrito inteiramente por você; ao invés disso, a intenção a de exercitar o direito de controlar a distribuição de trabalhos, derivados ou coletivos, baseados no Programa.

Adicionalmente, a mera agregação ao Programa de outro trabalho no baseado no Programa (ou de trabalho baseado no Programa) em um volume de armazenamento ou meio de distribuição no faz o outro trabalho parte do escopo desta Licença.
<para>O acompanhe com o código-fonte completo correspondente e em forma acessível por máquinas, que deve ser distribuído sob os termos das <link linkend="sect1">Sees 1</link> e <link linkend="sect2">2</link> acima e em meio normalmente utilizado para o intercâmbio de software; ou, </para>
</listitem>
</listitem>
</orderedlist></para>

<para>O acompanhe com uma oferta expressa, válida por pelo menos três anos, de fornecer a qualquer terceiros, com um custo no superior ao custo de distribuição física do material, uma cópia do código-fonte completo e em forma acessível por máquinas, que deve ser distribuído sob os termos das Sees 1 e 2 acima e em meio normalmente utilizado para o intercâmbio de software; ou, </para>
</listitem>
</listitem>
</orderedlist></para>

<para>O código-fonte de um trabalho corresponde à forma de trabalho preferida para se fazer modificações. Para um trabalho em forma executável, o código-fonte completo significa todo o código-fonte de todos os módulos que ele contém, mais quaisquer arquivos de definição de "interface", mais os "scripts" utilizados para se controlar a compilação e a instalação do executável. Contudo, como exceção especial, o código-fonte distribuído no precisa incluir qualquer componente normalmente distribuído (tanto em forma original quanto binária) com os maiores componentes (o compilador, o "kernel" etc.) do sistema operacional sob o qual o executável funciona, a menos que o componente em si acompanhe o executável.</para>

<para>Se a distribuição do executável ou código-objeto feita através da oferta de acesso a cópias de algum lugar, ento ofertar o acesso equivalente a cópia, do mesmo lugar, do código-fonte equivalente distribuição do código-fonte, mesmo que terceiros sejam compelidos a copiar o código-fonte com o código-objeto.</para>
</sect2>

</sect2 id="sect4" label="4">
<title>Seo 4</title>

<para>Você não pode copiar, modificar, sub-licenciar ou distribuir o Programa, exceto de acordo com as condições expressas nesta Licença. Qualquer outra tentativa de cópia, modificação, sub-licenciamento ou distribuição do Programa vetado, e cancelar automaticamente os direitos que lhe foram fornecidos por esta Licença. No entanto, terceiros que receberam cópias ou direitos, fornecidos por você sob os termos desta Licença, no terão suas licenças canceladas, desde que permaneçam em total concordância com ela.</para>
</sect2>

</sect2 id="sect5" label="5">
<title>Seo 5</title>

<para>Você não obrigado a aceitar esta Licença, j que não a assinou. No entanto, nada mais o dar permissão para modificar ou distribuir o Programa ou trabalhos derivados deste. Estas ações são proibidas por lei, caso você não aceite esta Licença. Desta forma, ao modificar ou distribuir o Programa (ou qualquer trabalho derivado do Programa), você estará indicando sua total aceitação destes termos e condições para copiar, distribuir ou modificar o Programa, ou trabalhos baseados nele.</para>
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Esta seio destina-se a tornar bastante claro o que se acredita ser consequência do restante desta Licença.

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Se você pretende incorporar partes do Programa em outros programas livres, cujas condições de distribuição são diferentes, escreva ao autor e solicite permissão. Para o software que a Free Software Foundation detém direitos autorais, escreva a Free Software Foundation; às vezes nós permitimos exceções a este caso. Nossa decisão será guiada pelos dois objetivos de preservar a condição de liberdade de todas as derivações do nosso software livre, e de promover o compartilhamento e reutilização de software em aspectos gerais.

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"escrito <quote>livre</quote> em seu sentido de liberdade: para garantir a "
"todas a liberdade efetiva de copi-lo e redistribuí-lo, com ou sem "
"modificações, tanto comercialmente como no comercialmente. Em segundo "
"lugar, esta Licença preserva ao autor e ao editor uma forma de obter crédito "
"pelo seu trabalho, enquanto no considerado responsável por modificações "
"feitas por outros."

#. (itstool) path: sect1/title
#: C/index.docbook:66
msgid "PREAMBLE"
msgstr "INTRODUÇÃO"

#. (itstool) path: sect1/para
#: C/index.docbook:78
msgid ""
msgstr ""
"This License is a kind of <quote>copyleft</quote>, which means that "
"derivative works of the document must themselves be free in the same sense. "
"It complements the GNU General Public License, which is a copyleft license "
"designed for free software."
msgstr ""
"Esta licença é um tipo de <quote>copyleft</quote>, que significa que "
"trabalhos derivados do documento precisam ser, por sua vez, livres no mesmo "
"sentido. Ela complementa a Licença Pública Geral GNU (GNU General Public "
"License), que uma licença copyleft projetada para softwares livres."

#. (itstool) path: sect1/para
#: C/index.docbook:85
msgid ""
msgstr ""
"We have designed this License in order to use it for manuals for free "
"software, because free software needs free documentation: a free program "
"should come with manuals providing the same freedoms that the software does. "
"But this License is not limited to software manuals; it can be used for any "
"textual work, regardless of subject matter or whether it is published as a "
"printed book. We recommend this License principally for works whose purpose "
"is instruction or reference."
msgstr ""
"Ns projetamos esta Licença a fim de ser utilizada em manuais de software "
"livre, j que softwares livres precisam de documentações livres: um programa "
"livre deveria vir com manuais que ofereçam as mesmas liberdades que o "
"software proporciona. Mas esta Licença não limitada a manuais de software; "
"ela pode ser usada para qualquer trabalho de texto, independente do assunto "
"ou se publicado como um livro impresso. Ns recomendamos esta Licença "
"principalmente para trabalhos cujo propósito seja instrução ou referência."

#. (itstool) path: sect1/title
#: C/index.docbook:97
msgid "APPLICABILITY AND DEFINITIONS"
This License applies to any manual or other work that contains a notice 
placed by the copyright holder saying it can be distributed under the terms 
of this License. The <quote>Document</quote>, below, refers to any such 
manual or work. Any member of the public is a licensee, and is addressed as 
"<quote>you</quote>."
"matemática). Tal relações pode ser uma questão de conexão histórica com o "
"assunto ou com temas relacionados, ou tratar de questões legais, comerciais, "
"filosóficas, ticas ou políticas com relação a eles."

#. (itstool) path: sect1/para
#: C/index.docbook:129
msgid ""
msgstr ""
"The <quote>Invariant Sections</quote> are certain <link linkend="fdl-" 
"secondary">Secondary Sections</link> whose titles are designated, as being "
"those of Invariant Sections, in the notice that says that the <link linkend="" 
"fdl-document">Document</link> is released under this License."
msgstr ""
"As <quote>Sees Invariantes</quote> são certas <link linkend="fdl-secondary" 
">Sees Secundrias</link> cujos títulos são designados como sendo "
"Sees Invariantes na nota que afirma que o <link linkend="fdl-document" 
">Documento</link> publicado sob esta Licença."

#. (itstool) path: sect1/para
#: C/index.docbook:138
msgid ""
msgstr ""
"The <quote>Cover Texts</quote> are certain short passages of text that are "
"listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says "
"that the <link linkend="fdl-document">Document</link> is released under " 
"this License."
msgstr ""
"Os <quote>Textos de Capa</quote> são certas passagens de texto curtas que "
"so listadas, como Textos de Capa Frontal ou Texto de Contra Capa, na nota " 
"que afirma que o <link linkend="fdl-document">Documento</link> publicado " 
"sob esta Licença."

#. (itstool) path: sect1/para
#: C/index.docbook:146
msgid ""
msgstr ""
"A <quote>Transparent</quote> copy of the <link linkend="fdl-document"> " 
"Document</link> means a machine-readable copy, represented in a format whose " 
"specification is available to the general public, whose contents can be " 
"viewed and edited directly and straightforwardly with generic text editors " 
"or (for images composed of pixels) generic paint programs or (for drawings) " 
"some widely available drawing editor, and that is suitable for input to text " 
"formatters or for automatic translation to a variety of formats suitable for " 
"input to text formatters. A copy made in an otherwise Transparent file " 
"format whose markup has been designed to thwart or discourage subsequent " 
"modification by readers is not Transparent. A copy that is not " 
"<quote>Transparent</quote> is called <quote>Opaque</quote>.""
msgstr ""
"Uma cpia <quote>Transparente</quote> do <link linkend="fdl-document"> " 
"Documento</link> significa uma cpia legível por máquina, representada em " 
"um formato cuja especificação está disponível ao público geral e que cujo "

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"contido possa ser visualizado e editado de forma clara e direta por "
"editores de texto genéricos ou programas genéricos de desenho (para imagens "
"compostas de pixels) ou para alguns dos editores de desenho amplamente "
"disponíveis (para desenhos) e que seja apropriado para inclusão em "
"formatadores de texto ou para a tradução automática em uma variedade de "
"formatos apropriados de entrada em formatadores de texto. Uma cópia feita em "
"outro formato de arquivo Transparente cuja marcação, ou ausência desta, "
"tenha sido manipulada para impedir ou desencorajar modificação subsequente "
"pelos leitores no Transparente. Uma cópia que no <quote>Transparente</"
"quote> chamada <quote>Opaca</quote>.

#. (itstool) path: sect1/para
#: C/index.docbook:163
msgid ""
msgstr ""
"Examples of suitable formats for Transparent copies include plain ASCII "
"without markup, Texinfo input format, LaTeX input format, SGML or XML using "
"a publicly available DTD, and standard-conforming simple HTML designed for "
"human modification. Opaque formats include PostScript, PDF, proprietary "
"formats that can be read and edited only by proprietary word processors, "
"SGML or XML for which the DTD and/or processing tools are not generally "
"available, and the machine-generated HTML produced by some word processors "
"for output purposes only."

msgid ""
msgstr ""
"Exemplos de formatos apropriados para cópias Transparentes incluem ASCII "
"puro sem marcação, formato de entrada Texinfo, formato de entrada LaTeX, "
"SGML ou XML usando um DTD publicamente disponível, e HTML simples em "
"conformidade padrão projetado para modificação por humanos. Formatos Opacos "
"incluem PostScript, PDF, formatos proprietários que podem ser lidos ou "
"editados somente por processadores de texto proprietários, SGML ou XML cujos "
"DTD e/ou ferramenta de processamento não estão largamente disponibilizados, "
"e o HTML gerado por máquina produzido por algum processador de texto com "
"propósito apenas de saída.

#. (itstool) path: sect1/para
#: C/index.docbook:176
msgid ""
msgstr ""
"The <quote>Title Page</quote> means, for a printed book, the title page "
"itself, plus such following pages as are needed to hold, legibly, the "
"material this License requires to appear in the title page. For works in "
"formats which do not have any title page as such, <quote>Title Page</quote> "
"means the text near the most prominent appearance of the work's title, "
"preceding the beginning of the body of the text."

msgid ""
msgstr ""
"A <quote>Página de Título</quote> significa, para um livro impresso, a "
"propria página do título, além das páginas subsequentes necessárias para "
"conter, de forma legível, o material que esta Licença requer que apareça na "
"página do título. Para trabalhos em formatos que não possuem qualquer página "
"de título semelhante, <quote>Página de Título</quote> significa o texto "
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Se voc publicar cpias impressas do <link linkend="fdl-document">Documento</link>, em nmero maior que 100, e a nota de licena do Documento exigir <link linkend="fdl-cover-texts">Textos de Capa</link>, voc deve encadernar as cpias em capas que carreguem, de forma clara e legvel, todos estes Textos de Capa: Textos de Capa Frontal na capa frontal e Textos de Contracapa na contracapa. Ambas as capas devem tambm identificar, de forma clara e legvel, voc como o editor das cpias. A capa frontal deve apresentar o ttulo completo com todas as palavras deste igualmente proeminentes e visveis. Alm disso, voc pode adicionar outro material nas capas. As cpias com mudanas limitadas s capas, desde que preservem o ttulo do Documento e satisfam estas condies podem ser tratadas como cpias literais em outros aspectos.

If the required texts for either cover are too voluminous to fit legibly, you should put the first ones listed (as many as fit reasonably) on the actual cover, and continue the rest onto adjacent pages.

Se os textos necessrios a qualquer uma das capas forem muito volumosos para serem incluidos de forma legvel, voc deve colocar os primeiros textos listados (quantos couberem razoavelmente) na prpria capa, e continuar o resto em pginas adjacentes.

If you publish or distribute <link linkend="fdl-transparent">Opaque</link> copies of the <link linkend="fdl-document">Document</link> numbering more than 100, you must either include a machine-readable <link linkend="fdl-document">Document</link>

"
"transparent">Transparent</a> copy along with each Opaque copy, or state "in or with each Opaque copy a publicly-accessible computer-network location "containing a complete Transparent copy of the Document, free of added "material, which the general network-using public has access to download "anonymously at no charge using public-standard network protocols. If you use "the latter option, you must take reasonably prudent steps, when you begin "distribution of Opaque copies in quantity, to ensure that this Transparent "copy will remain thus accessible at the stated location until at least one "year after the last time you distribute an Opaque copy (directly or through "your agents or retailers) of that edition to the public."

msgstr ""

Se voc publicar ou distribuir cpias <a href="#fdl-transparent">Transparente</a> do <a href="#fdl-document">Documento</a> em "nmero maior que 100, voc deve incluir uma cpias <a href="#fdl-transparent">Transparente</a> legvel por mquina juntamente com cada "cpia Opcas, ou dizer em (ou juntamente com) cada cpia Opcas, um endereo "de rede a partir do qual o pblico geral de usurios possam acessar e obter "de forma annima e sob nenhum custo, usando protocolos de rede pblicos "padro, uma cpia Transparente completa do Documento, livre de materiais "adicionados. Se voc decidir pela segunda opo, voc deve seguir passos com "certa prudncia ao comear a distribuir as cpias Opcas em quantidade, a "fim de garantir que esta cpia transparente permanecer acessvel no local "indicado por pelo menos um ano aps a ltima vez que voc distribuir uma "cpia Opcs (diretamente ou através de seus agentes ou distribuidores) desta "ediio ao pblico."

# Prclise facultativa na expresso "lhe fornecer" --Enrico
#. (itstool) path: sect1/para
#: C/index.docbook:257
msgid ""

It is requested, but not required, that you contact the authors of the <a href="#fdl-document">Documento</a> well before redistributing any "large number of copies, to give them a chance to provide you with an updated "version of the Document."

msgstr ""

solicitado, mas no exigido, que voc contate os autores do <a href="#fdl-document">Documento</a> muito antes de redistribuir qualquer "grande nmero de cpias, para dar a eles uma chance de lhe fornecer uma "verso atualizada do Documento."

#. (itstool) path: sect1/title
#: C/index.docbook:266
msgid "MODIFICATIONS"
msgstr "MODIFICAES"

#. (itstool) path: sect1/para
#: C/index.docbook:267
msgid ""
"You may copy and distribute a <link linkend="fdl-modified">Modified Version</link> of the <link linkend="fdl-document">Document</link> under "the conditions of sections <link linkend="fdl-section2">2</link> and <link linkend="fdl-section3">3</link> above, provided that you release the "Modified Version under precisely this License, with the Modified Version "filling the role of the Document, thus licensing distribution and "modification of the Modified Version to whoever possesses a copy of it. In "addition, you must do these things in the Modified Version:

"Voc pode copiar e distribuir uma <link linkend="fdl-modified">Verso Modificada</link> do <link linkend="fdl-document">Documento</link> sob as "condies das sees <link linkend="fdl-section2">2</link> e <link linkend="fdl-section3">3</link> acima, desde que voc fornea a Verso Modificada "estritamente sob esta Licena, com a Verso Modificada preenchendo a funo "de Documento, permitindo assim a distribuo e modificao da Verso "Modificada a quem quer que possua uma cpia desta. Alm disso, voc deve "executar os seguintes procedimentos na Verso Modificada:

#. (istool) path: listitem/para
#: C/index.docbook:282
msgid ""
"Use in the <link linkend="fdl-title-page">Title Page</link> (and on the "covers, if any) a title distinct from that of the <link linkend="fdl-document">Document</link>, and from those of previous versions (which "should, if there were any, be listed in the History section of the "Document). You may use the same title as a previous version if the original "publisher of that version gives permission.

"Usar na <link linkend="fdl-title-page">Pgin de Ttulo</link> (e nas "capas, se existirem) um ttulo distinto em relao ao do <link linkend="fdl-document">Documento</link>, e daqueles de verses anteriores (os quais "devem, na existncia de algum, ser listados na seo "Histrico" do "Documento). Voc pode usar o mesmo ttulo de uma verso anterior se o editor "original daquela verso conceder-lhe permissao.

#. (istool) path: listitem/para
#: C/index.docbook:295
msgid ""
"List on the <link linkend="fdl-title-page">Title Page</link>, as authors, "one or more persons or entities responsible for authorship of the "modifications in the <link linkend="fdl-modified">Modified Version</link>, "together with at least five of the principal authors of the <link linkend="fdl-document">Document</link> (all of its principal authors, if it has ""less than five).

"Listar na <link linkend="fdl-title-page">Pgin de Ttulo</link> como "autores, uma ou mais pessoas ou entidades responsveis pela autoria das "modificaes na <link linkend="fdl-modified">Verso Modificada</link>, "
"juntamente com pelo menos cinco autores principais do <link linkend="fdl-document">Documento</link> (todos seus autores principais, se houver menos "que cinco)."

#. (itstool) path: listitem/para
#: C/index.docbook:307
msgid ""
msgstr "Declarar na <link linkend="fdl-title-page">Pgina de Ttulo</link> o nome "do editor da <link linkend="fdl-modified">Verso Modificada</link>, como "seu editor."

#. (itstool) path: listitem/para
#: C/index.docbook:316
msgid ""
msgstr "Preservar todas as notas de direitos autorais (copyright) do <link linkend="fdl-document">Documento</link>.

#. (itstool) path: listitem/para
#: C/index.docbook:323
msgid ""
msgstr "Adicionar uma nota apropriada de direitos autorais para suas modificaes, "adjacente s outras notas de direitos autorais.

#. (itstool) path: listitem/para
#: C/index.docbook:330
msgid ""
msgstr "Incluir, imediatamente aps as notas de direitos autorais, uma nota de "licena concedendo permissao pblica para o uso da <link linkend="fdl-
"modified">Verso Modificada</link> sob os termos desta Licena, na forma "mostrada no Adendo abaixo."
"Preserve in that license notice the full lists of <link linkend="fdl-" "invariant"> Invariant Sections</link> and required <link linkend="fdl-" "cover-texts">Cover Texts</link> given in the <link linkend="fdl-document" ">Document's</link> license notice."

msgid ""
msgstr ""
"Preservar na referida nota de licena a lista completa de <link linkend=""fdl-invariant">Sees Invariantes</link> e <link linkend="fdl-cover-texts" >Textos de Capas</link> obrigatrios, dados na nota de licena do <link " ">linkend="fdl-document">Documento</link>.
"

#. (itstool) path: listitem/para
#: C/index.docbook:350
msgid "Include an unaltered copy of this License."
msgstr "Incluir uma cpia inalterada desta Licena."

#. (itstool) path: listitem/para
#: C/index.docbook:356
msgid "" "Preserve the section entitled <quote>History</quote>, and its title, and add " "to it an item stating at least the title, year, new authors, and publisher " "of the <link linkend="fdl-modified">Modified Version </link>as given on " "the <link linkend="fdl-title-page">Title Page</link>. If there is no " "section entitled <quote>History</quote> in the <link linkend="fdl-document" ">
"">Documento</link>, create one stating the title, year, authors, and " "publisher of the Document as given on its Title Page, then add an item " "describing the Modified Version as stated in the previous sentence." "msgstr ""
"Preservar a seo intitulada <quote>Histrico</quote>, preservar seu ttulo, " "e adicionar a esta um item declarando ao menos o ttulo, o ano, novos " "autores, e o editor da <link linkend="fdl-modified">Verso Modificada</f" "link> conforme incluio na <link linkend="fdl-title-page">Pginas de " 
"Ttulo</link>. Se nenhuma seo intitulada <quote>Histrico</quote> estiver " "presente no <link linkend="fdl-document">Documento</link>, crie uma " 
"informando o ttulo, o ano, os autores e o editor do Documento como " 
"evidenciado na Pgina de Ttulo, em seguida adicione um item descrevendo a " "Verso Modificada como mencionado na sentena anterior.
"

#. (itstool) path: listitem/para
#: C/index.docbook:372
msgid "" "Preserve the network location, if any, given in the <link linkend="fdl-" "document">Document</link> for public access to a <link linkend="fdl-
"transparent">Transparent</link> copy of the Document, and likewise the " 
"network locations given in the Document for previous versions it was based " 
"on. These may be placed in the <quote>History</quote> section. You may omit " 
"a network location for a work that was published at least four years before " 
"the Document itself, or if the original publisher of the version it refers "

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to give permission.

msgstr "

Preservar o endereço de rede, se existir algum, informado pelo \link linkend="\"fdl-document\"\>Documento\</link> para acesso público a uma cópia \link "\linkend="\"fdl-transparent\"\>Transparente\</link> deste e, da mesma maneira, "
os endereços de rede dados no Documento para versões anteriores nas quais "
este se baseia. Estes podem ser colocados na seo \quote>Histórico</quote>.

Você pode omitir um endereço de rede para um trabalho que foi publicado pelo "
menos quatro anos antes do Documento em si, ou se o editor original da "
"versão" qual o endereço se refere de permissão."

#. (itstool) path: listitem/para
#: C/index.docbook:387
msgid "

In any section entitled \quote>Acknowledgements</quote> or "
"\quote>Dedications</quote>, preserve the section's title, and preserve in "
"the section all the substance and tone of each of the contributor "
"acknowledgements and/or dedications given therein."

msgstr "

Preservar o título da seo para qualquer seo intitulada "
"\quote>Agradecimentos</quote> ou \quote>Dedicatórias</quote> e preservar "
dentro da seo toda a substância e tom de cada um dos agradecimentos e/ou "
"dedicatórias l mencionados."

#. (itstool) path: listitem/para
#: C/index.docbook:397
msgid "

Preserve all the \link linkend="\"fdl-invariant\"\>Invariant Sections</link> "
of the \link linkend="\"fdl-document\"\>Document</link>, unaltered in their "
"text and in their titles. Section numbers or the equivalent are not "
"considered part of the section titles."

msgstr "

Preservar todas as \link linkend="\"fdl-invariant\"\>Sees Invariantes</link> "
do \link linkend="\"fdl-document\"\>Documento</link>, sem alterações em seus "
"textos e títulos. Números de seo ou o equivalente no são considerados "
"parte dos títulos das sees."

#. (itstool) path: listitem/para
#: C/index.docbook:407
msgid "

Delete any section entitled \quote>Endorsements</quote>. Such a section may "
"not be included in the \link linkend="\"fdl-modified\"\>Modified Version</link> "
"link>."

msgstr "

Apagar qualquer seo intitulada \quote>Apoio</quote>. Tal seo no deve "
"ser incluída na \link linkend="\"fdl-modified\"\>Verso Modificada</link>."
Do not retitle any existing section as "Endorsements" or to "conflict in title with any "Invariant 
"Sections"." 

No renomear o título de qualquer seo existente como "Apoio" ou que resulte em conflito com o título de qualquer "Seo Invariante".

If the "Modified Version" includes new "front-matter sections or appendices that qualify as "secondary" Sections and contain no material copied from 
"the Document, you may at your option designate some or all of these sections "as invariant. To do this, add their titles to the list of "Invariant Sections" in the Modified Version's "license notice. These titles must be distinct from any other section titles."

You may add a section entitled "Endorsements", provided it "contains nothing but endorsements of your "Modified Version" by various parties--for example, statements of "peer review or that the text has been approved by an organization as the "authoritative definition of a standard."
You may add a passage of up to five words as a <link linkend="fdl-cover-texts">Front-Cover Text</link>, and a passage of up to 25 words as a <link linkend="fdl-cover-texts">Back-Cover Text</link>, to the end of the list "of <link linkend="fdl-cover-texts">Cover Texts</link> in the <link linkend="fdl-modified">Modified Version</link>. Only one passage of Front-Cover "Text and one of Back-Cover Text may be added by (or through arrangements "made by) any one entity. If the <link linkend="fdl-document">Document</link> already includes a cover text for the same cover, previously added by "you or by arrangement made by the same entity you are acting on behalf of, "you may not add another; but you may replace the old one, on explicit "permission from the previous publisher that added the old one."

msgstr "

Voc pode adicionar uma passagem de até cinco palavras como <link linkend="fdl-cover-texts">Texto de Capa Frontal</link>, e uma passagem de até 25 "palavras como <link linkend="fdl-cover-texts">Texto de Contracapa</link>, "ao fim da lista de <link linkend="fdl-cover-texts">Textos de Capa</link> "na <link linkend="fdl-modified">Verso Modificada</link>. Somente uma "passagem de Texto de Capa Frontal e uma de Texto de Contracapa podem ser "adicionados por (ou através de arranjos feitos por) uma entidade qualquer. "Caso o <link linkend="fdl-document">Documento</link> já incluir um texto "de capa para a mesma capa, previamente incluído por voc ou pelo arranjo "feito pela mesma entidade em cujo nome voc está agindo, voc não poder "adicionar outro; mas voc pode substituir o antigo, com a permissão "explicita do editor anterior, que o incluiu.

#. (itstool) path: sect1/para
#: C/index.docbook:463
msgid ""
msgstr ""The author(s) and publisher(s) of the <link linkend="fdl-document">Document</link> do not by this License give permission to use their names "for publicity for or to assert or imply endorsement of any <link linkend="fdl-modified">Modified Version</link>.

msgstr ""O(s) autor(es) e editor(es) do <link linkend="fdl-document">Documento</link> não concedem permissão para que seus nomes sejam "usados a fins de publicidade, para defesa ou para apoio implícito de "qualquer <link linkend="fdl-modified">Verso Modificada</link>.

#. (itstool) path: sect1/title
#: C/index.docbook:473
msgid "COMBINING DOCUMENTS"
msgstr "COMBINANDO DOCUMENTOS"

#. (itstool) path: sect1/para
#: C/index.docbook:474
msgid ""
msgstr "You may combine the <link linkend="fdl-document">Document</link> with ""other documents released under this License, under the terms defined in "

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"<link linkend="fdl-section4">section 4</link> above for modified versions, "
"provided that you include in the combination all of the <link linkend="fdl-
"invariant">Invariant Sections</link> of all of the original documents, "
"unmodified, and list them all as Invariant Sections of your combined work in "
"its license notice."
msgid ""
"Voc pode combinar o <link linkend="fdl-document">Documento</link> com "
"outros documentos publicados sob esta Licena, sob os termos definidos na "
"<link linkend="fdl-section4">seo 4</link> acima para verses "
"modificadas, desde que voc inclua na combinao todas as <link linkend="" 
"fdd-invariant">Sees Invariantes</link> de todos os documentos "
"originals, sem modificaes, e as liste como Sees Invariantes de seu "
"trabalho combinado, na sua nota de licena."

#. (itstool) path: sect1/para
#: C/index.docbook:485
msgid ""
"The combined work need only contain one copy of this License, and multiple "
"identical <link linkend="fdl-invariant">Invariant Sections</link> may be "
"replaced with a single copy. If there are multiple Invariant Sections with "
"the same name but different contents, make the title of each such section "
"unique by adding at the end of it, in parentheses, the name of the original "
"author or publisher of that section if known, or else a unique number. Make "
"the same adjustment to the section titles in the list of Invariant Sections "
"in the license notice of the combined work."
msgid ""
"O trabalho combinado precisa conter somente uma cpia desta Licena, e "
"vrias <link linkend="fdl-invariant">Sees Invariantes</link> idnticas "
"podem ser substitudas por uma nica cpia. Se existirem vrias Sees "
"Invariantes de mesmo nome, porm com contedos diferentes, voc deve tornar "
"o ttulo de cada uma destas sees nico, adicionando ao fim destes, entre "
"parnteses, o nome do autor ou, se conhecido, o editor original desta seo, "
"ou ainda um nmero nico. Faa o mesmo ajuste nos ttulos de seo na lista "
"de Sees Invariantes na nota de licena do trabalho combinado."

#. (itstool) path: sect1/para
#: C/index.docbook:498
msgid ""
"In the combination, you must combine any sections entitled <quote>History</" 
"quote> in the various original documents, forming one section entitled "
"<quote>History</quote>; likewise combine any sections entitled "
"<quote>Acknowledgements</quote>, and any sections entitled "
"<quote>Dedications</quote>. You must delete all sections entitled "
"<quote>Endorsements. </quote>"
msgid ""
"Na combinao, voc deve combinar quaisquer sees intituladas "
"<quote>Histrico</quote> nos vrios documentos originais, formando uma seo "
"intitulada <quote>Histrico</quote>; do mesmo modo, combine quaisquer sees "
"intituladas <quote>Agradecimentos</quote>, e quaisquer see intituladas "
"<quote>Dedicatrias</quote>. Voc deve apagar todas as sees intituladas "
"<quote>Apoio</quote>.")

#. (itstool) path: sect1/title
#: C/index.docbook:509
msgid "COLLECTIONS OF DOCUMENTS"
msgstr "COLEES DE DOCUMENTOS"

#. (itstool) path: sect1/para
#: C/index.docbook:510
msgid ""
"You may make a collection consisting of the <link linkend="fdl-document"/>
"Document</link> and other documents released under this License, and "
"replace the individual copies of this License in the various documents with "
"a single copy that is included in the collection, provided that you follow "
"the rules of this License for verbatim copying of each of the documents in "
"all other respects."
msgstr ""
"Voc pode fazer uma coleao que consiste do <link linkend="fdl-document"/>
"Documento</link> e outros documentos publicados sob esta Licena, e "
"substituir as cpia individuais desta Licena, nos vrios documentos, por "
"uma nica cpia a ser inclua na coleo, desde que voc siga as regras "
"desta Licena para cpia literal de cada documento em todos os outros "
"aspectos."

#. (itstool) path: sect1/para
#: C/index.docbook:520
msgid ""
"You may extract a single document from such a collection, and distribute it "
"individually under this License, provided you insert a copy of this License "
"into the extracted document, and follow this License in all other respects "
"regarding verbatim copying of that document."
msgstr ""
"Voc pode extrair um documento desta coleo, e distribui-lo individualmente "
"sob esta Licena, desde que voc insira uma cpia desta Licena no documento "
"extrado e siga esta Licena em todos os outros aspectos com relao cpia "
"literal do documento."

#. (itstool) path: sect1/title
#: C/index.docbook:530
msgid "AGGREGATION WITH INDEPENDENT WORKS"
msgstr "AGREGAO A TRABALHOS INDEPENDENTES"

#. (itstool) path: sect1/para
#: C/index.docbook:531
msgid ""
"A compilation of the <link linkend="fdl-document">Document</link> or its "
"
"derivatives with other separate and independent documents or works, in or on "
"a volume of a storage or distribution medium, does not as a whole count as a "
"<link linkend="fdl-modified">Modified Version</link> of the Document, "
"provided no compilation copyright is claimed for the compilation. Such a "
"compilation is called an <quote>aggregate</quote>, and this License does not "
"apply to the other self-contained works thus compiled with the Document, on "
"account of their being thus compiled, if they are not themselves derivative "
"works of the Document. If the <link linkend="fdl-cover-texts">Cover Text</link> "
"<link> requirement of <link linkend="fdl-section3">section 3</link> is "
"applicable to these copies of the Document, then if the Document is less "
"than one quarter of the entire aggregate, the Document's Cover Texts may be "
"placed on covers that surround only the Document within the aggregate. "
"Otherwise they must appear on covers around the whole aggregate.”

msgid """
"Uma compilao do <link linkend="fdl-document">Documento</link> ou seus "
"derivados com outros documentos ou trabalhos separados e independentes, "
"dentro de ou sob um volume de um meio de armazenamento ou distribuio, no "
"conta como um todo para uma <link linkend="fdl-modified">Verso "
"Modificada</link> do Documento, contanto que nenhum direito autoral de "
"compilao seja reivindicado para esta compilao. Tal compilao configura "
"um <quote>agregado</quote> e esta Licena no se aplica aos outros trabalhos "
"contidos na compilao do Documento, levando em conta serem compilados, caso "
"eles mesmos no forem trabalhos derivados do Documento. Se o requisito de "
"<link linkend="fdl-cover-texts">Texto da Capa</link> da <link linkend="" 
"\"fdl-section3\""> se 3</link> aplicvel a estas cpias do Documento, e "
"ainda se o Documento menor do que um quarto do agregado inteiro, os Textos "
"de Capa do Documento podem ser inseridos nas capas que envolvem somente o "
"Documento no agregado. Caso contrario, eles devem aparecer em capas em volta "
"do agregado como um todo.”

msgstr "TRADUES"

msgid """
"Translation is considered a kind of modification, so you may distribute "
"translations of the <link linkend="fdl-document">Document</link> under the "
"terms of <link linkend="fdl-section4">section 4</link>. Replacing <link "
"linkend="fdl-invariant"> Invariant Sections</link> with translations "
"requires special permission from their copyright holders, but you may "
"include translations of some or all Invariant Sections in addition to the "
"original versions of these Invariant Sections. You may include a translation "
"of this License provided that you also include the original English version "
"of this License. In case of a disagreement between the translation and the "
"original English version of this License, the original English version will "
"prevail."
msgstr ""

"Uma tradução considerada como sendo um tipo de modificação, desta forma "
"você pode distribuir traduções do Documento" sob os termos da "substituição das Sees Invariantes" por traduções requer permissão especial dos detentores dos direitos "
"autorais, embora você possa incluir traduções de algumas ou todas as Sees "
"Invariantes juntamente s versões originais destas. Você pode incluir uma "
"tradução desta Licença, desde que você também inclua a versão original em "
"Inglês desta Licença. Em caso de discordância entre a tradução e a versão "
"original desta Licença ou nota de licença, a versão original em inglês "
"prevalecer."

#. (itstool) path: sect1/title
#: C/index.docbook:573
msgid "TERMINATION"
msgstr "TERMINO"

#. (itstool) path: sect1/para
#: C/index.docbook:574
msgid ""

"Você não pode copiar, modificar, sublicenciar, ou distribuir o Documento" except as expressly provided for under this "
"License. Any other attempt to copy, modify, sublicense or distribute the "
"Document is void, and will automatically terminate your rights under this "
"License. However, parties who have received copies, or rights, from you "
"under this License will not have their licenses terminated so long as such "
"parties remain in full compliance."
msgstr ""

"Você não pode copiar, modificar, sublicenciar, ou distribuir o Documento" com exceção do que foi expressamente "
"previsto sob esta Licença. Qualquer outra tentativa de cópia, modificação, "
"sublicenciamento ou distribuição do Documento nula, e implicar na "
"restituição automática de seus direitos sob esta Licença. Contudo, as partes "
"que receberam as cópias, ou direitos, de você sob esta Licença no terão "
"suas licenças rescindidas enquanto tais partes permanecerem em total acordo "
"com a Licença."

#. (itstool) path: sect1/title
#: C/index.docbook:587
msgid "FUTURE REVISIONS OF THIS LICENSE"
msgstr "REVISES FUTURAS DESTA LICENA"

#. (itstool) path: sect1/para
#: C/index.docbook:588
msgid ""

"The "http://www.gnu.org/fsf/fsf.html" Free "
"Software Foundation</ulink> may publish new, revised versions of the GNU "
"Free Documentation License from time to time. Such new versions will be "
"similar in spirit to the present version, but may differ in detail to "
"address new problems or concerns. See <ulink type="http" url="http://www." 

msgstr ""

"A <ulink type="http" url="http://www.gnu.org/lsf/lsf.html">Free Software "
"Foundation</ulink> pode publicar novas versões, revisadas, da Licença de "
"Documentação Livre GNU de tempos em tempos. Tais versões posteriores terão "
"ideologia similar ao presente verso, embora possam diferir em detalhes a fim "
"de abordar novos problemas ou preocupações. Consulte: <ulink type="http" 

#. (itstool) path: sect1/para
#: C/index.docbook:599
msgid ""
msgstr ""

"Each version of the License is given a distinguishing version number. If the "
"<link linkend="fdl-document">Document</link> specifies that a particular "
"numbered version of this License <quote>or any later version</quote> applies "
"to it, you have the option of following the terms and conditions either of "
"that specified version or of any later version that has been published (not "
"as a draft) by the Free Software Foundation. If the Document does not "
"specify a version number of this License, you may choose any version ever "
"published (not as a draft) by the Free Software Foundation." 
msgstr ""

" dado, a cada verso da Licença, um número de verso distinto. Se o <link "
"linkend="fdl-document">Documento</link> especificar que um número de "
"verso específico desta Licença <quote>ou qualquer verso posterior</quote> "
"aplica-se a ele, você tem a opção de seguir os termos e condições tanto "
"da versão específica quanto de qualquer verso posterior que tenha "
"sido publicada (não como rascunho) pela Free Software Foundation. Se o "
"documento não especificar um número de versa desta Licença, você pode "
"escolher qualquer verso já publicado (não como rascunho) pela Free Software "
"Foundation." 

#. (itstool) path: sect1/title
#: C/index.docbook:614
msgid "Addendum"
msgstr "Apêndice"

#. (itstool) path: sect1/para
#: C/index.docbook:615
msgid ""
msgstr ""

"To use this License in a document you have written, include a copy of the "
"License in the document and put the following copyright and license notices "
"just after the title page:" 
msgstr ""

"Para usar esta Licença em um documento que você escreveu, inclua uma cópia "

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Open Source Used In Data Center Network Manager 11 11.5(4) 6250
"desta no documento e adicione as seguintes notas de direitos autorais e "
"licena logo aps a pgina de ttulo;"

#. (itstool) path: blockquote/para
#: C/index.docbook:622
msgid "Copyright  YEAR YOUR NAME."
msgstr "Copyright  ANO SEU NOME."

#. (itstool) path: blockquote/para
#: C/index.docbook:625
msgid ""
msgstr ""
"Permission is granted to copy, distribute and/or modify this document under "
"the terms of the GNU Free Documentation License, Version 1.1 or any later "
"version published by the Free Software Foundation; with the <link linkend=""
"\"fdl-invariant\">Invariant Sections</link> being LIST THEIR TITLES, with "
"the <link linkend=""fdl-cover-texts\">Front-Cover Texts</link> being LIST, "
"and with the <link linkend=""fdl-cover-texts\">Back-Cover Texts</link> being "
"LIST. A copy of the license is included in the section entitled <quote>GNU "
"Free Documentation License</quote>.
"
msgstr ""
"Permiio concedida para copiar, distribuir e/ou modificar este documento "
"sob os termos da Licena de Documentao Livre GNU (GNU Free Documentation "
"License), Verso 1.1 ou qualquer verso mais recente publicada pela Free "
"Software Foundation; com as <link linkend=""fdl-invariant\">Sees "
"Invariantes</link>, sendo LISTADO SEUS TTULOS, com os <link linkend=""fdl-""cover-texts\">Textos de Capa Frontal</link> sendo LISTADOS, e com os <link "
"linkend=""fdl-cover-texts\">Textos de Contracapa</link> sendo LISTADOS. Uma "
"cpia da licena est inclusa na seo entitulada <quote>Licena de "
"Documentao Livre GNU (GNU Free Documentation License)</quote>.
"

#. (itstool) path: sect1/para
#: C/index.docbook:640
msgid ""
msgstr ""
"If you have no <link linkend=""fdl-invariant\">Invariant Sections</link>, "
"write <quote>with no Invariant Sections</quote> instead of saying which ones "
"are invariant. If you have no <link linkend=""fdl-cover-texts\">Front-Cover "
"Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "
"<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend=""
"\"fdl-cover-texts\">Back-Cover Texts</link>.
"
msgstr ""
"Se voc no tiver qualquer <link linkend=""fdl-invariant\">Seo Invariante</"'
"link\>, escreva <quote>sem Sees Invariantes</quote> ao invs de afirmar "
"quais so invariantes. Se voc no tem <link linkend=""fdl-cover-texts\"">\"Textos de Capa Frontal</link>, escreva <quote>sem Textos de Capa Frontal</"'
"quote> ao invs de <quote>Textos de Capa Frontal sendo LISTADOS</quote>; O "
"mesmo se aplica a <link linkend=""fdl-cover-texts\">Textos de Contracapa</"'
"link;"
If your document contains nontrivial examples of program code, we recommend "releasing these examples in parallel under your choice of free software "license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html"> GNU General Public License</ulink>, to permit their use in free "software."
The purpose of this License is to make a manual, textbook, or other written
"document <quote>free</quote> in the sense of freedom: to assure everyone the "
"effective freedom to copy and redistribute it, with or without modifying it, "
"either commercially or noncommercially. Secondly, this License preserves "
"for the author and publisher a way to get credit for their work, while not "
"being considered responsible for modifications made by others."
msgstr ""
"<quote></quote>"
""
"This License is a kind of <quote>copyleft</quote>, which means that "
"derivative works of the document must themselves be free in the same sense. "
"It complements the GNU General Public License, which is a copyleft license "
"designed for free software."

"We have designed this License in order to use it for manuals for free "
"software, because free software needs free documentation: a free program "
"should come with manuals providing the same freedoms that the software does. "
"But this License is not limited to software manuals; it can be used for any "
"textual work, regardless of subject matter or whether it is published as a "
"printed book. We recommend this License principally for works whose purpose "
"is instruction or reference."

"This License applies to any manual or other work that contains a notice "
"placed by the copyright holder saying it can be distributed under the terms "
"of this License. The <quote>Document</quote>, below, refers to any such "
"manual or work. Any member of the public is a licensee, and is addressed as "
"<quote>you</quote>.

"<quote>"
"<quote></quote>"

#: C/fdl.xml:107(para)
msgid ""
"A <quote>Modified Version</quote> of the Document means any work containing "
"the Document or a portion of it, either copied verbatim, or with "
"modifications and/or translated into another language."
msgstr ""
"<quote></quote> "
"

#: C/fdl.xml:114(para)
msgid ""
"A <quote>Secondary Section</quote> is a named appendix or a front-matter "
"section of the <link linkend="fdl-document">Document</link> that deals "
"exclusively with the relationship of the publishers or authors of the "
"Document to the Document's overall subject (or to related matters) and "
"contains nothing that could fall directly within that overall subject. (For "
"example, if the Document is in part a textbook of mathematics, a Secondary "
"Section may not explain any mathematics.) The relationship could be a matter "
"of historical connection with the subject or with related matters, or of "
"legal, commercial, philosophical, ethical or political position regarding "
"them."
msgstr ""
"<quote></quote><link linkend="fdl-document"></link>"
"

#: C/fdl.xml:129(para)
msgid ""
"The <quote>Invariant Sections</quote> are certain <link linkend="fdl-secondary"> Secondary Sections</link> whose titles are designated, as being "
"those of Invariant Sections, in the notice that says that the <link linkend="fdl-document">Document</link> is released under this License." 
msgstr ""
"<quote></quote> <link linkend="fdl-secondary"></link>"
"]<link><link linkend="fdl-document"></link>"
"

#: C/fdl.xml:138(para)
msgid ""
"The <quote>Cover Texts</quote> are certain short passages of text that are "
"listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says "
"that the <link linkend="fdl-document">Document</link> is released under "
"this License."
A <quote>Transparent</quote> copy of the <link linkend="fdl-document">Document</link> means a machine-readable copy, represented in a format whose specification is available to the general public, whose contents can be viewed and edited directly and straightforwardly with generic text editors or (for images composed of pixels) generic paint programs or (for drawings) some widely available drawing editor, and that is suitable for input to text formatters or for automatic translation to a variety of formats suitable for input to text formatters. A copy made in an otherwise Transparent file format whose markup has been designed to thwart or discourage subsequent modification by readers is not Transparent. A copy that is not "<quote>Transparent</quote> is called <quote>Opaque</quote>.

Examples of suitable formats for Transparent copies include plain ASCII without markup, Texinfo input format, LaTeX input format, SGML or XML using a publicly available DTD, and standard-conforming simple HTML designed for human modification. Opaque formats include PostScript, PDF, proprietary formats that can be read and edited only by proprietary word processors, SGML or XML for which the DTD and/or processing tools are not generally available, and the machine-generated HTML produced by some word processors for output purposes only.

The <quote>Title Page</quote> means, for a printed book, the title page itself, plus such following pages as are needed to hold, legibly, the
"material this License requires to appear in the title page. For works in "
"formats which do not have any title page as such, <quote>Title Page</quote> "
"means the text near the most prominent appearance of the work's title, "
"preceding the beginning of the body of the text." msgstr ""
"<quote></quote>" 
"<quote></quote>"

#: C/fdl.xml:188(title)
msgid "VERBATIM COPYING"
msgstr ""

#: C/fdl.xml:189(para)
msgid "You may copy and distribute the <link linkend="fdl-document">Document</link> in any medium, either commercially or noncommercially, provided that "
"this License, the copyright notices, and the license notice saying this "
"License applies to the Document are reproduced in all copies, and that you "
"add no other conditions whatsoever to those of this License. You may not use "
"technical measures to obstruct or control the reading or further copying of "
"the copies you make or distribute. However, you may accept compensation in "
"exchange for copies. If you distribute a large enough number of copies you "
"must also follow the conditions in <link linkend="fdl-section3">section 3</link>.
"link>.
"msgstr ""
"<link linkend="fdl-document"></link>" 
"<link linkend="fdl-section3">section 3</link>" 
"<link >
"linkend="fdl-section3"></link>"

#: C/fdl.xml:204(para)
msgid "You may also lend copies, under the same conditions stated above, and you "
"may publicly display copies."
msgstr ""

#: C/fdl.xml:211(title)
msgid "COPYING IN QUANTITY"
msgstr ""

#: C/fdl.xml:212(para)
msgid "If you publish printed copies of the <link linkend="fdl-document" "
"">Document</link> numbering more than 100, and the Document's license "
"notice requires <link linkend="fdl-cover-texts">Cover Texts</link>, you "
"must enclose the copies in covers that carry, clearly and legibly, all these "
"Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on "
"the back cover. Both covers must also clearly and legibly identify you as "
"the publisher of these copies. The front cover must present the full title "
"with all words of the title equally prominent and visible. You may add other "
"material on the covers in addition. Copying with changes limited to the "
"covers, as long as they preserve the title of the <link linkend="fdl-" 
document">Document</link> and satisfy these conditions, can be treated as "
"verbatim copying in other respects."

msgid ""
"<link linkend="fdl-document">"</link> 100"
"<link linkend="fdl-cover-texts">"</link>"

msgstr ""
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"<link linkend="fdl-transparent">"</link>"

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It is requested, but not required, that you contact the authors of the Document well before redistributing any large number of copies, to give them a chance to provide you with an updated version of the Document.

You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:

Use in the Title Page (and on the covers, if any) a title distinct from that of the Document, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission.
List on the Title Page, as authors, one or more persons or entities responsible for authorship of the modifications in the Modified Version, together with at least five of the principal authors of the Document (all of its principal authors, if it has less than five).

State on the Title Page the name of the publisher of the Modified Version, as the publisher.

Preserve all the copyright notices of the Document.

Add an appropriate copyright notice for your modifications adjacent to the other copyright notices.

Include, immediately after the copyright notices, a license notice giving the public permission to use the Modified Version under the terms of this License, in the form shown in the Addendum below.
"<link linkend="fdl-modified"></link> "

#: C/fdl.xml:340(para)
msgid ""
msgid "Preserve in that license notice the full lists of <link linkend="fdl-invariant"> Invariant Sections</link> and required <link linkend="fdl-cover-texts">Cover Texts</link> given in the <link linkend="fdl-document">Document</link>'s license notice."
msgstr ""
" <link linkend="fdl-invariant"> </link><link linkend="fdl-document"></link><link linkend="fdl-cover-texts"></link> "

#: C/fdl.xml:350(para)
msgid "Include an unaltered copy of this License."
msgstr ""

#: C/fdl.xml:356(para)
msgid ""
msgid "Preserve the section entitled <quote>History</quote>, and its title, and add "
"to it an item stating at least the title, year, new authors, and publisher "
"of the <link linkend="fdl-modified">Modified Version </link>as given on "
"the <link linkend="fdl-title-page">Title Page</link>. If there is no "
"section entitled <quote>History</quote> in the <link linkend="fdl-document">Document</link>, create one stating the title, year, authors, and "
"publisher of the Document as given on its Title Page, then add an item "
"describing the Modified Version as stated in the previous sentence."
msgstr ""
"<quote></quote><link linkend="fdl-title-page"></link><link linkend="fdl-modified"></link><link linkend="fdl-document"></link><quote></quote>"
"

#: C/fdl.xml:372(para)
msgid ""
msgid "Preserve the network location, if any, given in the <link linkend="fdl-document">Document</link> for public access to a <link linkend="fdl-transparent">Transparent</link> copy of the Document, and likewise the "
"network locations given in the Document for previous versions it was based "
"on. These may be placed in the <quote>History</quote> section. You may omit "
"a network location for a work that was published at least four years before "
"the Document itself, or if the original publisher of the version it refers "
"to gives permission."
msgstr ""
"<link linkend="fdl-document"></link> "
"<link linkend="fdl-transparent"></link>"
"<quote>" "</quote>"

#: C/fdl.xml:387(para)
msgid ""
"In any section entitled <quote>Acknowledgements</quote> or "
"<quote>Dedications</quote>, preserve the section's title, and preserve in "
"the section all the substance and tone of each of the contributor "
"acknowledgements and/or dedications given therein."
msgstr ""
"<quote></quote><quote></quote>" "</quote>"

#: C/fdl.xml:397(para)
msgid ""
"Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> "
"of the <link linkend="fdl-document">Document</link>, unaltered in their "
"text and in their titles. Section numbers or the equivalent are not "
"considered part of the section titles."
msgstr ""
"<link linkend="fdl-document"></link><link linkend="fdl-invariant"></link> "
"="

#: C/fdl.xml:407(para)
msgid ""
"Delete any section entitled <quote>Endorsements</quote>. Such a section may "
"not be included in the <link linkend="fdl-modified">Modified Version</link> "
""link>." msgstr ""
"<quote></quote><link linkend="fdl-modified"></link> "
"="

#: C/fdl.xml:416(para)
msgid ""
"Do not retitle any existing section as <quote>Endorsements</quote> or to "
"conflict in title with any <link linkend="fdl-invariant">Invariant "
"Section</link>." msgstr ""
"<quote></quote><link linkend="fdl-invariant"></link> "
"="

#: C/fdl.xml:425(para)
msgid ""
"If the <link linkend="fdl-modified">Modified Version</link> includes new "
"front-matter sections or appendices that qualify as <link linkend="fdl-" "secondary"></link>Secondary Sections</link> and contain no material copied from "
You may add a section entitled <quote>Endorsements</quote>, provided it contains nothing but endorsements of your <link linkend="fdl-modified">Modified Version</link> by various parties—for example, statements of peer review or that the text has been approved by an organization as the authoritative definition of a standard.

You may add a passage of up to five words as a <link linkend="fdl-cover-texts">Front-Cover Text</link>, and a passage of up to 25 words as a <link linkend="fdl-cover-texts">Back-Cover Text</link>, to the end of the list of <link linkend="fdl-cover-texts">Cover Texts</link> in the <link linkend="fdl-modified">Modified Version</link>. Only one passage of Front-Cover Text and one of Back-Cover Text may be added by (or through arrangements made by) any one entity. If the <link linkend="fdl-document">Document</link> already includes a cover text for the same cover, previously added by you or by arrangement made by the same entity you are acting on behalf of, you may not add another; but you may replace the old one, on explicit permission from the previous publisher that added the old one.
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"published (not as a draft) by the Free Software Foundation."

msgid "" msgstr ""
"<link linkend="fdl-"
"document\"><link> <quote>"
"</quote>"
"()"
"() "

#: C/fdl.xml:614(title)
msgid "Addendum"
msgstr ""

#: C/fdl.xml:615(para)
msgid ""
"To use this License in a document you have written, include a copy of the "
"License in the document and put the following copyright and license notices "
"just after the title page:"
msgstr ""
"

#: C/fdl.xml:622(para)
msgid "Copyright YEAR YOUR NAME."
msgstr "Copyright (c) ."

#: C/fdl.xml:625(para)
msgid ""
"Permission is granted to copy, distribute and/or modify this document under "
"the terms of the GNU Free Documentation License, Version 1.1 or any later "
"version published by the Free Software Foundation; with the <link linkend=""
"\"fdl-invariant\">Invariant Sections</link> being LIST THEIR TITLES, with "
"the <link linkend="fdl-cover-texts\">Front-Cover Texts</link> being LIST, "
"and with the <link linkend="fdl-cover-texts\">Back-Cover Texts</link> being "
"LIST. A copy of the license is included in the section entitled <quote>GNU "
"Free Documentation License</quote>."
msgstr ""
"Permission is granted to copy, distribute and/or modify this document under "
"the terms of the GNU Free Documentation License, Version 1.1 or any later "
"version published by the Free Software Foundation; with the <link linkend=""
"\"fdl-invariant\">Invariant Sections</link> being LIST THEIR TITLES, with "
"the <link linkend="fdl-cover-texts\">Front-Cover Texts</link> being LIST, "
"and with the <link linkend="fdl-cover-texts\">Back-Cover Texts</link> being "
"LIST. A copy of the license is included in the section entitled <quote>GNU "
"Free Documentation License</quote>."
"If you have no <link linkend="fdl-invariant">Invariant Sections</link>, "n
"write <quote>with no Invariant Sections</quote> instead of saying which ones "n
"are invariant. If you have no <link linkend="fdl-cover-texts">Front-Cover "n
"Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "n
"<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend=""n
"\"fdl-cover-texts\"">Back-Cover Texts</link>."
msgstr ""
" <link linkend="fdl-invariant">"</link>
"with... Texts with the Invariant Sections "n
"being LIST THEIR TITLES, with the Front-Cover Texts being LIST, and with the "n
"Back-Cover Texts being LIST. "n
"

"If your document contains nontrivial examples of program code, we recommend "n
"releasing these examples in parallel under your choice of free software "n
"license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/"n
"gpl.html"> GNU General Public License</ulink>, to permit their use in free "n
"software."
msgstr ""
"
" <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html"> GNU </ulink> "n
"htmlf"> GNU <ulink> "n

#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2
#. C/fdl.xml:0(None)
msgid "translator-credits"
msgstr "GNOME i18n-zh@googlegroups.com2009"
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE article PUBLIC "-/OASIS//DTD DocBook XML V4.1.2//EN" "http://www.oasis-open.org/docbook/xml/4.1.2/docbookx.dtd">
<!--
 The GNU Public License 2 in DocBook
 Markup by Eric Baudais <baudais@okstate.edu>
 Maintained by the GNOME Documentation Project
 http://developer.gnome.org/projects/gdp
 Version: 1.0.1
 Last Modified: Dec 16, 2000
 -->
<article id="index" lang="sl">
<articleinfo>
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<copyright><year>2000</year> <holder>Free Software Foundation, Inc.</holder></copyright>
Vsakdo sme razmnoevati in razirjati dobesedne kopije tega dokumenta, ni pa ga dovoljeno spreminjati.

Vendar je neophodno, da uporabniki izvorne kode seznanijo z vsemi temi pravicami.

Zaradi zavarovanja vseh pravic je uvedena omejitev, ki prepoveduje vsakomur, da bi vam te pravice kratil...
ali od vas zahteval predajo teh pravic. Te omejitve se prevedejo v vaø odgovornost, e razirjate kopije programske opreme ali jo spreminjate.</para>

<para>Na primer, e razirjate kopije takega programa, bodisi zastonj ali za plailo, morate dati prejemnikom vse pravice, ki jih imate vi. Prepriati se morate, da bodo tudi oni prejeli ali imeli dostop do izvirne kode. In morate jim pokazati te pogoje (opp. izvirnik), da bodo poznali svoje pravice.</para>

<para>Pravice uporabnika so varovanev dveh korakih: <orderedlist numeration="arabic">
<li s pravno zaito programske opreme in</li>
<li ponujenim dovoljenjem, ki vam daje pravno dovoljenje za razmnoevanje, razirjanje in/ali spreminjanje programske opreme.</li>
</orderedlist></para>

<para>Prav tako, za zaito vsakega avtorja in zaradi nae zaite elim o najto izzviti, da vsakdo razume, da za to prosto programsko opremo ni nobenega jamstva. e je programsko opremo spremenil nekdo drug in ga posredoval naprej, elim o, da njegovi prejemniki vedo, da to, kar imajo, ni izvirnik, zato da se problemi, ki jih povzroico drugi, ne bodo odraali na ugled izvornega avtorja.</para>

<para>Konno, vsaki prost programski opremi nenehno grozijo programski patenti. elim o se izogniti nevarnosti, da bi razirjevalci proste programske opreme posamino dobivali patentna dovoljenja in s tem narediv program lastniki (angl. proprietary). Za prepreitev tega jasno zahtevamo, da mora biti dovoljenje vsakega patenta tako, da ga lahko vsakdo prosto uporablja, ali pa splohe sme biti omejen s kakrnimkoli dovoljenjem.</para>

<para>Sledijo natanne doloitve in pogoji za razmnoevanje, razirjanje in spreminjanje.</para>

<sect1 id="terms" label="none">
<title>Doloila in pogoji za razmnoevanje, razirjanje in spreminjanje</title>

<sect2 id="sect0" label="0">
<title>Razdelek 0</title>
<p>Dovoljenje se nanaa na vsak program ali drugo delo, ki vsebuje obvestilo lastnika avtorskih pravic (angl. copyright holder) z izjavo, da se program ali drugo delo lahko razrirja pod pogoji Splonega Javnega Dovoljenja GNU (angl. General Public License). <quote>Program</quote> se v nadaljevanju nanaa na vsak tak program ali delo, in <quote>delo, ki temelji na tem programu</quote> pomeni bodisi program ali pa katerokoli izvedeno delo po zakonu o avtorskih pravicah (angl. copyright law): se pravi delo, ki vsebuje program ali njegov del, bodisi dobesedno ali s spremembami in/ali prevedeno v drug jezik. (Tukaj in povsod v nadaljevanju je prevod vkljuen brez omejitev v pojem <quote>spremembe</quote>. ) Vsak zavezanec k dovoljenju je opredeljen kot <quote>vi</quote>.</p>

<p>Dovoljenje ne pokriva nobenih drugih dejavnosti razen razmnoevanja, razirjanja in spreminj; ostale so izven njenega dosega. Dejanje zagona programa ni omejeno in odvodni zapis programa je zajet le, e njegova vsebina sestavlja delo, iz katerega je izpeljan program (ne glede na to, da je bil narejen z zagnanim programom). Ali je to res ali ne, je odvisno od tega, kaj program dela.</p>
</sect2>
</sect1>
Dovoljeno je razmnoevati in razirjati dobesedne izvode izvorne kode programa v enaki obliki, kot jo dobite, preko kateregakoli nosilca, e je le na vsakem izvodu razlono in primerno objavljen obvestilo o pravicah razirjanja in zanikanje jamstva; vsa obvestila, ki se nanaajo na to dovoljenje in odsotnost vsaknega jamstva pustite nedotaknjena; in da prejmejo vsi drugi prejemniki programa poleg programa e izvod tega dovoljenja.

Za fizino dejanje prenosa kopije lahko zaraunavate in po vai presoji lahko ponudite garancijsko zaito v zameno za plailo.

Dovoljeno je spreminjati va izvod ali izvode programa ali katerikoli njegov del, in tako narediti delo, ki temelji na programu, ter razmnoevati in razirjati takne spremembe ali dela pod pogoji zgornjega Razdelka 1, e je zadoeno tudi vsem naslednjim pogojem: Zagotoviti je treba, da spremenjene datoteke nosijo vidna obvestila o tem, da so spremenjena in datum vsake spremembe. Zagotoviti je treba, da je vsako delo, ki ga razirjate ali izdajate in ki v celoti ali deloma vsebuje program ali katerikoli njegov del ali pa je iz njega izpeljano, objavljeno pod pogoji tega dovoljenja kot celota brez plaila katerikoli tretji osebi. Zagotoviti je treba, da je sam program interaktivni, vendar navadno ne izpie takne najave, tudi za vse delo, ki temelji na programu, ni nujno, da jo.

Te zahteve se nanaajo na spremenjeno delo kot celoto. e razdelki tega dela, ki jih je lahko prepoznati, niso izpeljani iz programa in se jih lahko ima za neodvisna in loena dela sama po sebi, potem to dovoljenje in njeni pogoj zanje ne veljajo, kadar jih razirjate loeno. Vendar, kadar te iste razdelke razirjate kot del celote, ki je delo, ki temelji na programu, mora biti razirjanje celote izvedeno pod pogoji tega dovoljenja, katerega dovoljenja za druga dovoljenja se razirjajo na vso celoto in torej na vsak njen del, ne glede na to, kdo ga je napisal.

Te zahteve se nanaajo na spremenjeno delo kot celoto. e razdelki tega dela, ki jih je lahko prepoznati, niso izpeljani iz programa in se jih lahko ima za neodvisna in loena dela sama po sebi, potem to dovoljenje in njeni pogoj zanje ne veljajo, kadar jih razirjate loeno. Vendar, kadar te iste razdelke razirjate kot del celote, ki je delo, ki temelji na programu, mora biti razirjanje celote izvedeno pod pogoji tega dovoljenja, katerega dovoljenja za druga dovoljenja se razirjajo na vso celoto in torej na vsak njen del, ne glede na to, kdo ga je napisal.

Torej, namen tega razdelka ni, da bi zanikal ali spodbijal vae pravice do dela, ki ste ga v celoti napisali sami; namesto tega je namen raziriti pravico do nadzora razirjanja na izpeljana ali zbrana dela, ki temeljijo na
Program (ali delo, ki temelji na njem, pod določili razdelka 2 je dovoljeno razmnoževati in razirjati v objektni kodi ali izvedljivi obliki pod pogoji zgornjih razdelkov 1 in 2, e izpolnite tudi kaj od tega: 

- opremite ga s popolno in ustrezno izvorno kodo v strojno berljivi obliki, ki mora biti razirjana pod pogoji zgornjih razdelkov 1 in 2 na nosilcu, ki se navadno uporablja za izmenjavo programske opreme; ali,
- opremite ga z napisano ponudbo, veljavno vsaj tri leta, da boste katerikoli tretji osebi, za plačo, ki ne bo presegalo vseh strokov fizinega izvajanja izvorne distribucije, dali popoln izvod ustrezne izvorne kode v strojno berljivi obliki, ki bo razirjana pod pogoji zgornjih razdelkov 1 in 2 na nosilcu, ki se običajno uporablja za izmenjavo programske opreme; ali,
- opremite ga s podatki, ki ste jih dobili vi, kot ponudbo distribucije ustrezne izvorne kode. (Ta alternativa je dovoljena le za nekomercialne distribucije in le, e ste dobili program v obliki izvorne kode ali izvedljivi obliki s takno ponudbo, glede na podrazdelek b, zgoraj.)

Izvorna koda pri delih pomeni obliko dela, najprimernejo za izdelavo sprememb. Pri izvedljivem delu pomeni izvorna koda vse izvorne kodo za vse module, ki jih vsebuje, poleg tega pa e morebitne datoteke z definicijami vmesnika, povezane s tem delom in skripte, uporabljane za nadzor prevajanja in namestitve izvedljive datoteke. Vendar - kot posebna izjema - ni nujno, da razirjana izvorna koda vključuje vse, kar se navadno razirja (v izvorni ali strojni obliki) z večimi komponenti (prevajalnik, jedro, in tako naprej) operacijskega sistema, na katerem tee izvedljiva datoteka, razen e ta komponenta spremlja izvedljivo datoteko.

e se razirjanje izvedljive datoteke ali objektne kode izvede s ponujenim dostopom za prepisovanje z za to namenjenega mesta, potem ponujanje ekvivalentnega dostopa za razmnoževanje izvorne kode z istega mesta teje kot razirjanje izvorne kode, eprav tretje osebe niso prisiljene razmnoževati izvorne kode poleg objektne kode.
izvod ali pravice dobile od vas pod tem dovoljenjem, dovoljenje ne prekine, dokler se ji popolnoma podrejajo.</para>
</sect2>

<sect2 id="sect5" label="5">
<title>Razdelek 5</title>

<p>Ni van treba sprejeti pogojev dovoljenja, saj ga niste podpisali. Vendar vam razen nje ni ne dovoljuje spremninjana ali razirjanja programi ali iz njega izpeljanih del. e ne sprejmete tega dovoljenja, ta dejanja prepoveduje zakon. Torej, s spremembo ali raziranjem programa (ali kateregakoli dela, ki temelji na programu), pokaete svoje strinjanje s tem dovoljenjem in z vsemi njegovimi doloili in pogoji za razmnoevanje, razirjanje ali spremninjanie programa ali del, ki temeljijo na njem.</p></sect2>

<sect2 id="sect6" label="6">
<title>Razdelek 6</title>

<p> Vsaki, ko razirjate program (ali katerokoli delo, ki temelji na programu), prejemnik samodejno prejme dovoljenje izvorne izdajatelja dovoljenja (angl. original licensor) za razmnoevanje, razirjanje ali spremninjanie programa glede na ta doloila in pogoji. Ni dovoljeno vsiljevati nobenih nadaljnjih omejitev izvajanja prejemnikovih pravic, podeljenih tukaj. Niste odgovorni za vsiljevanje strinjanja tretjih oseb s tem dovoljenjem.</p></sect2>

<sect2 id="sect7" label="7">
<title>Razdelek 7</title>

<p>e so vam, kot posledica presoje sodia ali suma kritve patenta ali zaradi kateregakoli drugega razloga (ne omejenega zgolj na patentna vpraanja), vsiljeni pogoji (bodisi z odlokom sodia, sporazumom ali drugae), ki nasprotujejo pogojem tega dovoljenja, vas ne odvezujejo pogojev tega dovoljenja. e programa ne morete razirjati tako, da hkrati zadostite svojim obvezam pod dovoljenjem in katerimkoli drugim pristojnim obvezam, potem posledino sploh ne smete razirjati programa. Na primer, e patentno dovoljenje ne dovoljuje razirjanja programa brez plaevanja avtorskega honorarja vseh, ki prejmejo kopije neposredno ali posredno od vas, potem je edina mona pot, da zadostite temu pogoju in temu dovoljenju ta, da se v celoti vzdrite razirjanja programa.</p>

<p>e se za katerikoli del tega razdelka ugotovi, da je neveljaven ali da se ga ne da izvajati pod kateremkoli doloenim pogojem, je miljeno, da velja usmeritev tega razdelka (angl. balance of the section) in razdelek kot celota velja v drugih primerih.</p>

<p>Namen tega razdelka ni, da bi vas napeljeval h kritvi patentov ali drugih trditev lastnita pravic ali izpodbijal veljavnost katerihkoli taknih trditev; edini namen tega razdelka je itenje integrite sistema distribucije proste programske opreme, ki je izveden s prakso javnih dovoljenj. Mnogi ljudje so radodarno prispevali k irokemu naboru programske opreme, razirjane preko tega sistema, v upanju na njegovo dosledno izvajanje; od avtorja/dajalca je odvisno, e je pripravljen razirjati programje skozi katerikoli drug sistem, in izdajatelj dovoljenja ne more vsiljevati te izbire.</p>

<p>Ta razdelek namerava temeljito pojasniti, kaj so predvidene posledice nadaljevanja dovoljenja.</p></sect2>
Razdelek 8

Je sta razirjanje in/ali uporaba programa omejena v določenih dravah, bodisi zaradi patentov ali vmesnikov s posebno pravico razirjanja (angl. copyrighted interfaces), lahko izvorni lastnik ali lastnica pravic razirjanja, ki postavlja program pod to dovoljenje, doda izrecno zemljepisno omejitev razirjanja, ki izključuje te drave, tako da je razirjanje dovoljeno le v in med dravami, ki niso na tak način izključene. V takem primeru to dovoljenje vključuje omejitve, kot da so napisane v telesu tega dovoljenja.

Razdelek 9

Ustanova Free Software Foundation lahko od asa do asa izdaja preurejene in/ali nove različice Splonega Javnega dovoljenja (angl. General Public License). Nove različice bodo pisane v duhu trenutne različice, vendar se lahko razlikujejo v podrobnostih, ki bodo obravnavale nove teavle ali poglede.

Vse različice so različne tevilke različice. Program določa tevilko različice tega dovoljenja, ki se nanaa nanj in na katerekoliko poznejših različic, imate izbiro upotevanja pogojev in določil bodisi te različice ali katerekoliko poznejših različic, ki jo je izdala ustanova Free Software Foundation. Program ne določa tevilke različice tega dovoljenja, lahko izberete katerokoli različico, ki jo je kdajkoli izdala ustanova Free Software Foundation.

Razdelek 10

elite vključiti dele programa v druge proste programe, katerih pogoji razirjanja so drugani, piite avtorju in ga prosite za dovoljenje. Za program, katerega pravice razirjanja ima Free Software Foundation, piite na Free Software Foundation; vasi naredimo izjemo pri tem. Nao odloitev bosta vodila dva cilja: ohranitev prostega statusa vseh izvedenih del iz nae proste programske opreme in spodbujanje razdeljevanja in ponovne uporabe programja na splono.

BREZ JAMSTVA

Ker je program z dovoljenjem opredeljen kot brezplaen, ni nobenega jamstva za program do meje, ki jo doloa pristojni zakon. Razen, e ni drugače napisano, imetniki pravic razirjanja in ali druge osebe ponuja program tak, kot je, brez zagotovila kakršne koli vrste, neposrednega ali posrednega, kar vključuje, a ni omejeno na posredna jamstva cenovne vrednosti in primernosti za določeno uporabo. Celotno tveganje glede kakovosti in delovanja programa prevzamete sami. E se program izkaz za okvarjenega, sami nosite stroke vseh potrebnih storitev, popravil ali popravkov.
 Razdelek 12

V nobenem primeru, razen tako pravljavnem zakon ali je pisno dogovorjeno, ne bo lastnik pravic razirjanja ali katerakoli druga oseba, ki lahko spremeni in/ali ponovno razirja program, kot je dovoljeno zgoraj, prevzel odgovornosti zaradi kode, najni gre za splono, posebno, nenamereno kodo ali kodo, izhajajojo iz uporabe ali nezmonosti uporabe programa (vkljuno z, a ne omejeno na, izgubo podatkov ali nenatanno obdelavo podatkov ali izgubo, povzroeno vam ali tretjim osebam ali nezmonost programa, da bi deloval s kakim drugim programom), etudi je bil tak lastnik ali druga oseba obveen o monosti nastanka takne kode.
The licenses for most software are designed to take away your freedom to "share and change it. By contrast, the GNU General Public License is intended "to guarantee your freedom to share and change free software - to make sure "the software is free for all its users."

"De flesta programvarulicenser r skapade fr att ta bort din frihet att "nda och dela med dig av programvaran. GNU General Public License r "tvrtom skapad fr att garantera din frihet att dela med dig av och frndra "fri programvara - fr att frskra att programvaran r fri fr alla dess "anvndare."

"When we speak of free software, we are referring to freedom, not price. Our "General Public Licenses are designed to make sure that you have the freedom "to distribute copies of free software (and charge for this service if you "wish), that you receive source code or can get it if you want it, that you "can change the software or use pieces of it in new free programs; and that "you know you can do these things."

"Nr vi talar om fri programvara syftar vi p frihet och inte p pris. Vra "
"[General Public License-] licenser r skapade fr att garantera din rtt "
"distribuera och sprida kopior av fri programvara (och ta betalt fr den hr "
"tjnsten om du nskar), att garantera att du fr kllkoden till programvaran "
"eller kan f den om du s nskar, att garantera att du kan ndra och "
"modifiera programvaran eller anvnda delar i ny fri programvara samt "
"slutligen att garantera att du r medveten om dessa rttigheter.”

#: C/index.docbook:90(sect1/para)
msgid ""
msgid "To protect your rights, we need to make restrictions that forbid anyone to "
"deny you these rights or to ask you to surrender the rights. These "
"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it.”
msgstr ""
msgstr "Fr att skydda dina rttigheter, mste vi begrnsa var och ens mjlighet att "
"hindra dig frn att anvnda dig av dessa rttigheter samt frn att krva att "
"du ger upp dessa rttigheter. Dessa begrnsningar motsvaras av en "
"frpliktele fr dig om du distribuerar kopior av programvaran eller om du "
"ndrar eller modifierar programvaran.”

#: C/index.docbook:97(sect1/para)
msgid ""
msgid "For example, if you distribute copies of such a program, whether gratis or "
"for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights.”
msgstr ""
msgstr "Om du exempelvis distribuerar kopior av en fri programvara, oavsett om du "
"gr det gratis eller mot en avgift, mste du ge mottagaren alla de "
"rttigheter du sjlv har. Du mste ocks tillsa att mottagaren fr kllkoden "
"eller kan f den om mottagaren s nskar. Du mste ocks visa dessa "
"licensvillkor fr mottagaren s att mottagaren knner till sina rttigheter.”

#: C/index.docbook:109(listitem/para)
msgid "copyright the software, and"
msgidstr "upphovsr till programvaran och”

#: C/index.docbook:114(listitem/para)
msgid ""
msgid "offer you this license which gives you legal permission to copy, distribute "
"and/or modify the software.”
msgstr ""
msgstr "dessa licensvillkor som ger dig rtt att kopiera, distribuera och eller "
"ndra programvaran.”

#: C/index.docbook:104(sect1/para)
msgid "We protect your rights with two steps: <placeholder-1/>"
msgid "We protect your rights with two steps: <_:orderedlist-1/>"
Also, for each author's protection and ours, we want to make certain that "everyone understands that there is no warranty for this free software. If "the software is modified by someone else and passed on, we want its "recipients to know that what they have is not the original, so that any "problems introduced by others will not reflect on the original authors’ "reputations."

"Fr varje upphovsmans skerhet och vr skerhet vill vi fr tydlighets skull "klargra att det inte lmnas nga garantier fr den hr fria programvaran."

"Om programvaran frndras av ngon annan n upphovsmannen vill vi klargra "fr mottagaren att det som mottagaren har r inte originalversionen av "programvaran och att frndringar av och felaktigheter i programvaran inte "skall belasta den ursprunglige upphovsmannen."

"Finally, any free program is threatened constantly by software patents. We "wish to avoid the danger that redistributors of a free program will "individually obtain patent licenses, in effect making the program "proprietary. To prevent this, we have made it clear that any patent must be "licensed for everyone's free use or not licensed at all."

"Slutligen skall det sgas att all fri programvara stndigt hotas av "programvarupatent. Vi vill undvika att en distributr [eller ""vidareutvecklare] av fri programvara individuellt skaffar patentlicenser ""till programvaran och drmed gr programvaran till freml fr gandertt. ""Fr att undvika det hr har vi gjort det tydligt att samtliga ""programvarupatent mste registreras fr allas fria anvndning eller inte ""registreras alls."

"The precise terms and conditions for copying, distribution and modification "follow."

"Hr nedan fljer licensvillkoren fr att kopiera, distribuera och ndra "programvaran."

"TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"

"VILLKOR FR ATT KOPIERA, DISTRIBUTERA OCH NDRA PROGRAMVARAN"

"Section 0"
This License applies to any program or other work which contains a notice "placed by the copyright holder saying it may be distributed under the terms "of this General Public License. The <quote>Program</quote>, below, refers to "any such program or work, and a <quote>work based on the Program</quote> ""means either the Program or any derivative work under copyright law: that is ""to say, a work containing the Program or a portion of it, either verbatim or ""with modifications and/or translated into another language. (Hereinafter, ""translation is included without limitation in the term <quote>modification</quote> ""quote>.) Each licensee is addressed as <quote>you</quote>.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

You may copy and distribute verbatim copies of the Program's source code as
"you receive it, in any medium, provided that you conspicuously and "
"appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and give any other recipients of "
"the Program a copy of this License along with the Program."

"Du ger kopiera och distribuera exakta kopior av Programvarans källkod som "
"du mottog den, i alla medier, frutsatt att Du tydligt och p ett skligt "
"stt p varje exemplar fster en riktig upphovsrtsklausul och "
"garantiavsgelse, vidhller alla hnvisningar till dessa licensvillkor och "
"till alla garantivillkor samt att till alla mottagaren av Programvaran ge "
"en kopia av dessa licensvillkor tillsammans med Programvaran."

# C/index.docbook:183(sect2/para)
msgid ""
"You may charge a fee for the physical act of transferring a copy, and you "
"may at your option offer warranty protection in exchange for a fee."

"Du ger utta en avgift fr mekaniseringen [att fysiskt fsta Programvaran p "
"ett medium, ssom en diskett eller en cd-romskiva] eller verfringen av en "
"kopia och du ger erbjuda en garanti fr Programvaran mot en avgift."

#: C/index.docbook:190(sect2/title)
msgid "Section 2"
msgstr "Paragraf 2"

#: C/index.docbook:199(listitem/para)
msgid ""
"You must cause the modified files to carry prominent notices stating that "
"you changed the files and the date of any change."

"Du tillser att de frndrade filerna har ett tydligt meddelande som berttar "
"att Du ndrat filerna samt vilket datum dessa ndringar gjordes."

#: C/index.docbook:205(listitem/para)
msgid ""
"You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of "
"this License."

"Du tillser att alla verk som du distribuerar eller offentliggr som till en "
"del eller i sin helhet innehller eller r hrlett frn Programvaran eller "
"en del av Programvaran, licensieras i sin helhet, utan kostnad till tredje "
"man enligt dessa licensvillkor."

#: C/index.docbook:223(note/title)
msgid "Exception:"
msgstr "Undantag:"

#: C/index.docbook:224(note/para)
msgid ""
"If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."
msgstr ""
"Från den här skyldigheten undantas det fall att Programvaran frvissa r "
"interaktiv, men i sitt normala utfrande inte visar ett meddelande av den "
"hr typen. I sdant fall behöver Verk baserat Programvaran inte visa ett "
"sdant meddelande som nmns ovan."

#: C/index.docbook:213(listitem/para)
#: C/index.docbook:224(note/para)
msgid ""
#| msgid ""
#| "If the modified program normally reads commands interactively when run, "
#| "you must cause it, when started running for such interactive use in the "
#| "most ordinary way, to print or display an announcement including an "
#| "appropriate copyright notice and a notice that there is no warranty (or "
#| "else, saying that you provide a warranty) and that users may redistribute "
#| "the program under these conditions, and telling the user how to view a "
#| "copy of this License. <placeholder-1/>"
msgid ""
"If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. <_:note-1/>"
msgstr ""
"Om den frändrade Programvaran i sitt normala utfrande kan utfra "
"interaktiv kommandon nr det krs, mste Du tillse att nr Programmet "
"startas skall det skriva ut eller visa, p ett enkelt tillgängligt stt, ett "
"meddelande som tydligt och p ett skligt stt p varje exemplar fster en "
"riktig upphovsrtsklausul och garantiavsgelse (eller i frekommande fall "
"ett meddelande som klargr att du tillhandahller en garanti) samt att "
"mottagaren ger distribuera Programvaran enligt dessa licensvillkor samt "
"bertta hur mottagaren kan se dessa licensvillkor. <_:note-1/>"

#: C/index.docbook:191(sect2/para)
msgid ""
#| msgid ""
#| "You may modify your copy or copies of the Program or any portion of it, "
#| "thus forming a work based on the Program, and copy and distribute such "
#| "modifications or work under the terms of <link linkend="sect1">Section "
#| "1</link> above, provided that you also meet all of these conditions: "
#| "<placeholder-1/>"
msgid ""
"You may modify your copy or copies of the Program or any portion of it, thus "
"forming a work based on the Program, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</</" 
"link> above, provided that you also meet all of these conditions: <_:" 
"orderedlist-1/>"

msgid ""Du ger ndra ditt exemplar eller andra kopior av Programvaran eller ngon " 
"del av Programvaran och drmed skapa ett Verk baserat p Programvaran, samt " 
"att kopiera och distribuera sdana frndrade versioner av Programvaran " 
"eller verk enligt villkoren i <link linkend="sect1">paragraf 1</link> " 
"ovan, frutsatt att du ocks uppfyller fljande villkor: <_:orderedlist-1/>"

#: C/index.docbook:236(sect2/para)
msgid ""These requirements apply to the modified work as a whole. If identifiable " 
"sections of that work are not derived from the Program, and can be " 
"reasonably considered independent and separate works in themselves, then " 
"this License, and its terms, do not apply to those sections when you " 
"distribute them as separate works. But when you distribute the same sections " 
"as part of a whole which is a work based on the Program, the distribution of " 
"the whole must be on the terms of this License, whose permissions for other " 
"licensees extend to the entire whole, and thus to each and every part " 
"regardless of who wrote it."

msgid ""Dessa krav gller det frndrade verket i dess helhet. Om identifierbara " 
"delar av verket inte hrrr frn Programvaran och skiligen kan anses vara " 
"fristende och sjlvstndiga verk i sig, d skall dessa licensvillkor inte " 
"gilla i de delarna nr de distribueras som egna verk. Men om samma delar " 
"distribueras tillsammans med en helhet som innehller verk som hrrr frn " 
"Programvaran, mste distributionen i sin helhet ske enligt dessa " 
"licensvillkor. Licensvillkoren skall i sdant fall gilla fr andra " 
"licenstagare fr hela verket och slunda till alla delar av Programvaran, " 
"oavsett vem som r upphovsman till vilka delar av verket."

#: C/index.docbook:247(sect2/para)
msgid ""Thus, it is not the intent of this section to claim rights or contest your " 
"rights to work written entirely by you; rather, the intent is to exercise " 
"the right to control the distribution of derivative or collective works " 
"based on the Program."

msgid ""Den hr paragrafen skall slunda inte tolkas som att ansprk grs p " 
"rttigheter eller att ifrgastta Dina rtigheterna till programvara som " 
"skrivits helt av Dig. Syftet r att tillse att rtten att kontrollera " 
"distributionen av derivativa eller samlingsverk av Programvaran."

#: C/index.docbook:253(sect2/para)
msgid ""
"In addition, mere aggregation of another work not based on the Program with "
"the Program (or with a work based on the Program) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."
msgstr ""

"Frekomsten av ett annat verk p ett lagringsmedium eller samlingsmedium som "
"innehiller Programvaran eller Verk baserat p Programvaran leder inte till "
"att det andra verket omfattas av dessa licensvillkor."

#: C/index.docbook:261(sect2/title)
msgid "Section 3"
msgstr "Paragraf 3"

#: C/index.docbook:271(listitem/para)
msgid ""
"Accompany it with the complete corresponding machine-readable source code, "
"which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a "
"medium customarily used for software interchange; or,"
msgstr ""
"Bifogar den kompletta kllkoden i maskinlsbar form, som mste distribueras "
"enligt villkoren i <link linkend="sect1">paragraf 1</link> och <link "
"linkend="sect2">2</link> p ett medium som i allmnhet anvnds fr utbyte "
"av programvara, eller"

#: C/index.docbook:278(listitem/para)
msgid ""
"Accompany it with a written offer, valid for at least three years, to give "
"any third party, for a charge no more than your cost of physically "
"performing source distribution, a complete machine-readable copy of the "
"corresponding source code, to be distributed under the terms of Sections 1 "
"and 2 above on a medium customarily used for software interchange; or,"
msgstr ""
"Bifogar ett skriftligt erbjudande, med minst tre rs giltighet, att ge "
"tredje man, mot en avgift som hgst uppgr till Din kostnad att utfra "
"fysisk distribution, en fullstndig kopia av kllkoden i maskinlsbar form, "
"distribuerad enligt villkoren i paragraf 1 och 2 p ett medium som i "
"allmnhet anvnds fr utbyte av programvara, eller"

#: C/index.docbook:287(listitem/para)
msgid ""
"Accompany it with the information you received as to the offer to distribute "
"corresponding source code. (This alternative is allowed only for "
"noncommercial distribution and only if you received the program in object "
"code or executable form with such an offer, in accord with Subsection b "
"above.)"
msgstr ""
"Bifogar det skriftligt erbjudande Du fick att erhlla kllkoden. (Det hr "
"alternativet kan endast användas för icke-kommersiell distribution och "
"endast om Du erhållit ett program i objektkod eller körbar form med ett 
"erbjudande i enlighet med ovan.")"

#: C/index.docbook:263(sect2/para)
msgid ""
msgid "You may copy and distribute the Program (or a work based on it, under "
"<link linkend="sect2">Section 2</link>) in object code or executable "
"form under the terms of <link linkend="sect1">Sections 1</link> and "
"<link linkend="sect2">2</link> above provided that you also do one of "
"the following: <placeholder-1/>"
msgstr ""
"You may copy and distribute the Program (or a work based on it, under <link "
"linkend="sect2">Section 2</link>) in object code or executable form under "
"the terms of <link linkend="sect1">Sections 1</link> and <link linkend=""sect2">2</link> above provided that you also do one of the following: <_:" orderedlist-1/>"
msgstr ""
"Du ger kopiera och distribuera Programvaran (eller Verk baserat på "
"Programvaran enligt <link linkend="sect2">paragraf 2</link>) i objektkod "
"eller i körbar form enligt villkoren i <link linkend="sect1">paragraf 1</link> "
"och <link linkend="sect2">2</link> frutsatt att Du också gör en av "
"fljande saker: <_:orderedlist-1/>"

#: C/index.docbook:297(sect2/para)
msgid ""
msgid "The source code for a work means the preferred form of the work for making "
"modifications to it. For an executable work, complete source code means all "
"the source code for all modules it contains, plus any associated interface "
"definition files, plus the scripts used to control compilation and "
"installation of the executable. However, as a special exception, the source "
"code distributed need not include anything that is normally distributed (in "
"either source or binary form) with the major components (compiler, kernel, "
"and so on) of the operating system on which the executable runs, unless that "
"component itself accompanies the executable.""
msgstr ""
"Källkoden för ett verk avser den form av verk som är frädd fr att "
"gräf frändringar av verket. Fr ett körbart verk avser källkoden all "
"källkod fr moduler det innehiller, samt alla tillhörande gränssnittsfiler, "
"definitioner, skripten fr att kontrollera kompilering och installation av "
"den körbara Programvaran. Ett undantag kan dock gräs fr sdant som normalt "
"distribueras, antingen i binär form eller som källkod, med "
"huvudkomponenterna i operativsystemet (kompilator, krna och s vidare) i "
"vilket den körbara programvaran krs, om inte den hr komponenten medfjär "
"den körbara programvaran.""

#: C/index.docbook:307(sect2/para)
msgid ""
"If distribution of executable or object code is made by offering access to "
"copy from a designated place, then offering equivalent access to copy the "
"source code from the same place counts as distribution of the source code, "
"even though third parties are not compelled to copy the source along with "
"the object code."

msgid ""

"Om distributionen av källProgramvara eller objektkod grans genom att "
"erbjuder tillgång till att kopiera från en bestämplats, d skall "
"motståndande tillgång till att kopiera källkoden från samma plats rknas som "
"distribution av källkoden, även om tredje man inte behöver kopiera källkoden "
"tillsammans med objektkoden."

#: C/index.docbook:316(sect2/title)
msgid "Section 4"
msgstr "Paragraf 4"

#: C/index.docbook:318(sect2/para)
msgid ""

"You may not copy, modify, sublicense, or distribute the Program except as "
"expressly provided under this License. Any attempt otherwise to copy, "
"modify, sublicense or distribute the Program is void, and will automatically "
"terminate your rights under this License. However, parties who have received "
"copies, or rights, from you under this License will not have their licenses "
"terminated so long as such parties remain in full compliance."

msgid ""

"Du ger inte kopiera, ändra, licensiera eller distribuera Programvaran utom "
"p dessa licensvillkor. All vrig kopiering, ändringar, licensiering eller "
"distribution av Programvaran r ogiltig och kommer automatiskt medföra att "
"Du förlorar Dina rättigheter enligt dessa licensvillkor. Tredje man som har "
"mottagit kopior eller rättigheter från Dig enligt dessa licensvillkor kommer "
"dock inte att förlora sina rättigheter s linge de fler licensvillkoren."

#: C/index.docbook:328(sect2/title)
msgid "Section 5"
msgstr "Paragraf 5"

#: C/index.docbook:330(sect2/para)
msgid ""

"You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Program or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Program (or any work based on the Program), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Program or works based on it."

msgid ""

"Du lgg inte att acceptera licensvillkoren, d du inte har skrivit under "
"det hr avtalet. Du har dock ingen rtt att ndra eller distribuera "

Open Source Used In Data Center Network Manager 11 11.5(4) 6287
"Programvaran eller Verk baserat p Programvaran. Sdan verksamhet r " "frbuden i lag om du inte accepterar och fljer dessa licensvillkor. Genom " "att ndra eller distribuera Programvaran (eller verk baserat p " "Programvaran) visar du med genom ditt handlande att du accepterar " "licensvillkoren och alla villkor fr att kopiera, distribuera eller ndra " "Programvaran eller Verk baserat p Programvaran."

#: C/index.docbook:341(sect2/title)
msgid "Section 6"
msgstr "Paragraf 6"

#: C/index.docbook:343(sect2/para)
msgid ""
"Each time you redistribute the Program (or any work based on the Program), " "the recipient automatically receives a license from the original licensor to " "copy, distribute or modify the Program subject to these terms and " "conditions. You may not impose any further restrictions on the recipients' " "exercise of the rights granted herein. You are not responsible for enforcing " "compliance by third parties to this License."
msgstr ""
"Var gng du distribuerar Programvaran (eller Verk baserat p Programvaran), " "kommer mottagaren per automatik att f en licens frn den frsta " "licensgivaren att kopiera, distribuera eller ndra Programvaran enligt dessa" "licensvillkor. Du ger inte lgra mottagaren nga andra restriktioner n " "de som fljer av licensvillkoren. Du r inte skyldig att tillse att tredje " "man fljer licensvillkoren."

#: C/index.docbook:353(sect2/title)
msgid "Section 7"
msgstr "Paragraf 7"

#: C/index.docbook:355(sect2/para)
msgid ""
"If, as a consequence of a court judgment or allegation of patent " "infringement or for any other reason (not limited to patent issues), " "conditions are imposed on you (whether by court order, agreement or " "otherwise) that contradict the conditions of this License, they do not " "excuse you from the conditions of this License. If you cannot distribute so " "as to satisfy simultaneously your obligations under this License and any " "other pertinent obligations, then as a consequence you may not distribute " "the Program at all. For example, if a patent license would not permit " "royalty-free redistribution of the Program by all those who receive copies " "directly or indirectly through you, then the only way you could satisfy both " "it and this License would be to refrain entirely from distribution of the " "Program."
msgstr ""
"Om Du p grund av domstolsdom eller anklagelse om patentintrng eller p " "grund av annan anledning (ej begrnsat till patentfrgor), Du fr villkor "
"(oavsett om de kommer via domstols dom, avtal eller p annat stt) som "
"strider mot dessa licensvillkor s frntar de inte Dina frpliktelser enligt "
"dessa licensvillkor. Om du inte kan distribuera Programvaran och samtidigt "
"uppfylla licensvillkor och andra skyldigheter, fr du som en konsekvens inte "
"distribuera Programvaran. Om exempelvis ett patent gr att Du inte "
"distribuera Programvaran fritt till alla de som mottager kopior direkt eller "
"indirekt frn Dig, s mste Du helt sluta distribuera Programvaran."

#: C/index.docbook:367(sect2/para)
msgid ""
msgstr ""
"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply and "
"the section as a whole is intended to apply in other circumstances."
msgstr ""
"Om delar av den hr paragrafen frklaras ogiltig eller annars inte kan "
"verkstllas skall resten av paragrafen ga fortsatt giltighet och paragrafen "
"i sin helhet ga fortsatt giltighet i andra sammanhang."

#: C/index.docbook:373(sect2/para)
msgid ""
msgstr ""
"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system, which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
msgstr ""
"Syftet med den hr paragrafen r inte att frm Dig att beg patentintrng "
"eller att beg intrng i andra rttigheter eller att frm Dig att bestrida "
"giltigheten i sdana rttigheter. Den hr paragrafen har ett enda syfte, "
"vilket r att skydda distributionssystemet fr fri programvara vilket grs "
"genom anvndandet av dessa licensvillkor. Mnga har bidragit till det stora "
"utbudet av programvara som distribueras med hjlp av dessa licensvillkor och "
"den fortsatta giltigheten och anvndningen av det hr systemet, men det r "
"upphovsmannen sjlv som mste besluta om han eller hon vill distribuera "
"Programvaran genom det hr systemet eller ett annat och en licenstagare kan "
"inte tvinga en upphovsman till ett annat beslut."

#: C/index.docbook:383(sect2/para)
msgid ""
msgstr ""
"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."
msgstr ""
"Den hr paragrafen har till syfte att stlla det utom tvivel vad som anses "
"flja av resten av dessa licensvillkor."
"If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License."

"The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and any later version, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation."

"Each version is a afforded a distinguishing version number. If the Program specifies a version number of this License which applies to it and any later version, you have the option of following the terms and conditions of that version or of any later version that is published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation."
"Varje version ges ett särskiljande versionsnummer. Om Programvaran
"specifierar ett versionsnummer av licensvillkoren samt <quote>alla senare
"versioner</quote> kan Du välja mellan att fläga dessa licensvillkor eller
"licensvillkoren i alla senare versioner offentliggjorda av the Free Software
"Foundation. Om Programvaran inte specificerar ett versionsnummer av
"licensvillkoren kan Du välja fritt bland samtliga versioner som nögsom
"offentliggjorts av the Free Software Foundation."

"If you wish to incorporate parts of the Program into other free programs
"whose distribution conditions are different, write to the author to ask for
"permission. For software which is copyrighted by the Free Software
"Foundation, write to the Free Software Foundation; we sometimes make
"exceptions for this. Our decision will be guided by the two goals of
"preserving the free status of all derivatives of our free software and of
"promoting the sharing and reuse of software generally."

"Om du vill använda delar av Programvaran i annan fri programvara som
distribueras enligt andra licensvillkor, begränsa frå upphovsmannen.
Fr Programvaran var upphovsrätt innehas av Free Software Foundation, skriv
"till Free Software Foundation, vi gör ibland undantag frå det hr. Vrt
"beslut grundas på vra två ml att bibehålla den fria statusen av alla verk
"som hrleds frå Programvaran och främjandet av att dela med sig av och
"teranvända programvara i allmänhet."

"BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE
"PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE
"PROGRAM <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO
"THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM
"
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."

msgid "" msgstr ""
"D DENNA PROGRAMVARA LICENSIERAS UTAN KOSTNAD GES INGEN GARANTI FR "
"PROGRAMMET, UTOM SDAN GARANTI SOM MSTE GES ENLIGT TILLMPLIG LAG. FRUTOM "
"D DET UTTRYCKS I SKRIFT TILLHANDAHILLER UPPOHSRTTSINNEHAVAREN OCH/ELLER "
"ANDRA PARTER PROGRAMMET <quote>1 BEFIINTLIGT SKICK</quote> (<quote>AS IS</quote> "
"quote>) UTAN GARANTIER AV NGRA SLAG, VARKEN UTTRYCKLIGA ELLER "
"UNDERFRSTDDDA, INKLUSIVE, MEN INTE BEGRNSAT TILL, UNDERFRSTDDDA GARANTIER "
"VID KP OCH LMLPLIGET FR ETT SRSKILT NDAML. HLA RISKEN FR KVALITET "
"OCH ANVNDBARHET BRS AV DIG. OM PROGRAMMET SKULLE VISA SIG HA DEFEKTER "
"SKALL DU ALLA KOSTNADER FR FELETS AVHJLPANDE, REPARATIONER ELLER "
"NDVNDIG SERVICE."

#: C/index.docbook:446(sect2/title)
msgid "Section 12"
msgstr "Paragraf 12"

#: C/index.docbook:448(sect2/para)
msgid "" msgstr ""
"IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "
"THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
"SUCH DAMAGES."

msgid "" msgstr ""
"INTE I NGOT FALL, UTOM NR DET GLLER ENLIGT TILLMPLIG LAG ELLER NR DET "
"VERENSKOMMITS SKRFTLIGEN, SKALL EN UPPOHSRTTSINNEHAVARE ELLER ANNAN PART "
"SOM GER NDRA OCH/ELLER DISTRIBUERA PROGRAMVARAN ENLIGT OVAN, VARA SKYLDIG "
"UTGE ERSTTNING FR SKADA DU LIDER, INKLUSIVE ALLMN, DIREKT ELLER INDREKT "
"SKADA SOM FLJER P GRUND AV ANVNDDNING ELLER OMLIGHET ATT ANVNDA "
"PROGRAMVARAN (INKLUSIVE MEN INTE BEGRNSAT TILL FRLUST AV DATA OCH "
"INFORMATION ELLER DATA OCH INFORMATION SOM FRAMSTLLTS FELAKTIGT AV DIG "
"ELLER TREDJE PART ELLER FEL DR PROGRAMMET INTE KUNNAT KRAS SAMTIDIGT MED "
"ANNAN PROGRAMVARA), VEN OM EN SDAN UPPOHSRTTSINNEHAVAREN ELLER ANNAN "
"PART UPPLYSTSM OM MJLIGHETEN TILL SDAN SKADA."

# Finnish translation for GNU General Public License.
# Tommi Vainikainen <Tommi.Vainikainen@iki.fi>, 2005.
# Timo Jyrinki <timon.jyrinki@iki.fi>, 2008.

# # This translation is copied from

# msgid ""
GNU General Public License

Free Software Foundation, Inc.

Free Software Foundation

GNOME Documentation Project

Open Source Used In Data Center Network Manager 11 11.5(4) 6293
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the
GNU General Public License is intended to guarantee your freedom to share and change free " software - to make sure the software is free for all its users." msgstr ""

"Yleens tietokoneohjelmien lisenssisopimukset on suunniteltu siten, että ne estvt ohjelmien vapaan jakamisen ja
muuttamisen. Sen sijaan GPL-lisenssi on suunniteltu takaamaan kyttjin vapaus jakaa "
"ja muuttaa ohjelmaa lisenssi varmistaa, että ohjelma on vapaakkaikille kyttjille."

#. (itstool) path: sect1/title
#: C/index.docbook:67
msgid "Preamble"
msgstr "Johdanto"

#. (itstool) path: sect1/para
#: C/index.docbook:69
msgid ""
msgstr ""

"The licenses for most software are designed to take away your freedom to share and change it. By contrast, the
GNU General Public License is intended to guarantee your freedom to share and change free "
"software - to make sure the software is free for all its users. This General Public License applies to most of the Free
Software Foundation's software and to any other program whose authors commit to "
"using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License
instead.) You can apply it to your programs, too."
msgstr ""

"Yleens tietokoneohjelmien lisenssisopimukset on suunniteltu siten, että ne estvt ohjelmien vapaan jakamisen ja
muuttamisen. Sen sijaan GPL-lisenssi on suunniteltu takaamaan kyttjin vapaus jakaa "
"ja muuttaa ohjelmaa lisenssi varmistaa, että ohjelma on vapaakkaikille kyttjille. GPL-lisenssi soveltuu posaan Free
Software Foundationin ohjelmia ja mihin tahansa muuhun ohjelmaan, jonka "
"tekij ja oikeudenomistajat sitoutuvat sen kyttn. (Joihinkin Free Software Foundationin ohjelmiin sovelletaan GPL-
lisenssin sijasta LGPL-lisenssi [GNU-kirjastolisenssi]). Kuka tahansa voi kytt "
"GPL-lisenssi."
"To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you."

"if you distribute copies of the software, or if you modify it."

"Jotta kyttjnin oikeudet turvattaisiin, lisenssill asetetaan rajoituksia, jotka estvt ket tahansa kielitmst nit oikeuksia tai vaatimasta niiden luovuttamista. Nm rajoitukset merkitsevt"

"tiettyj velvoitteita jokaiselle kyttjille, joka levitt ohjelmakopioita tai muuttaa ohjelmaa."

"For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get"

"the source code. And you must show them these terms so they know their rights."

"Jokaisen joka esimerkiksi levitt kopioita GPL-lisenssin alaisesta ohjelmasta, ilmaiseksi tai maksusta, on annettava kyttjille kaikki oikeudet, jotka hnellkin on. Jokaisella kyttjll on oltava"

"varmasti mahdollisuuksa saada ohjelman lhdekoodi. Ohjelman kyttjille on myskin esitetty tnm lisenssisopimuksen ehdot, jotta he tietvt oikeutensa."

"We protect your rights with two steps:"

"Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed"

"on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations."

"Edelleen, jokaisen tekin ja Free Software Foundationin suojaamiseksi on varmistettava, ett jokainen ymmrt, ett vapaalla ohjelmalla ei ole takuuta. Jos joku muuttaa ohjelmaa ja levitt sen"

"edelleen, ohjelman vastaanottajan on tiedettv, ett heill ei ole alkuperist ohjelmaa. Joten mik tahansa ongelma, jonka muut ovat aikaansaaneet, ei vaikuta alkuperisen tekin maineeseen."
Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the "program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all."

Ohjelmistopatentit uhkaavat jokaista vapaa ohjelmaa. On olemassa vaara, ett vapaiden ohjelmien levittj patentoivat ohjelmia sill seurauksella, ett heill on ohjelmiin omistusoikeus. Tmn "vlittmiseksi jokainen patentti on joko lisensoitava ilmaiseksi kaikille kyttjille tai jetty kokonaan lisensoimatta."

This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "<quote>Program</quote>, below, refers to any such program or work, and a <quote>work based on the Program</quote> means either the Program or any derivative work under copyright law: that is to say, a "work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "<quote>modification</quote>). Each licensee is addressed as <quote>you</quote>."

"Ti Lisenssi sovelletaan kaikkiin ohjelmiin tai muihin teoksiin, jotka sisltv tekijnoikeuden haltijan ilmoituksen, ett teoksen levittminen tapahtuu GPL-lisenssin ehtojen mukaan. "
"<quote>Ohjelma</quote> viittaa kaikkiin tllisiin tietokoneohjelmiin ja muihin teoksiin. <quote>Ohjelmaan perustuva teos</quote> tarkoittaa joko Ohjelmaa tai mit tahansa tekijnoikeuslain mukaista "
"Jlkiperist teosta: toisin sanoen teosta, joka sislt Ohjelman tai osan siit, kirjaimellisesti tai muutettuna, tai toiselle kielelle knetyn. (Tst eteenpin kns sisltv ksetteeseen "
"<quote>muutos</quote>). <quote>Lisenssin saaja</quote> on se, jolle ohjelma lisenoitaa."
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the "Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does."

Mtk lisenssi ei kata muita toimenpiteit kuin kopioimisen, levittmisen ja muuttamisen. Ohjelman ajaminen ei ole kielletty. Ohjelman tuloste on tmm Lisenssin alainen vain silloin, kun se muodostaa "Ottelujaan perustuvan teoksen (riippumatta siit ajetaanko Ottelmaan vai ei). Milloin tuloste on Lisenssin alainen riippuu siit, mit Ohjelma tekee.”

You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate "copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this "License along with the Program."

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

Lisenssin saajalla on oikeus kopiooida ja levittäminen sanatarkkuudessa kopioita Ohjelman lähdekoodiin sellaisena kuin se on saatu, mill latchan laiteellä. Ehtona on, ett asianmukaisesti jokaisesta "kopioista ilmenee henkellä on siihen tekijäkeus ja ett Ohjelman ei ole takuuta; edelleen, kaikki viitaukset tnn Lisenssiin ja ilmoitukseen takaan puuttumisesta on pidettv koskemattomana; ja "viel, jokaiselle Ohjelman vastaanottajalle on annettava tmm Lisenssi ohjelman mukana.”

Lisenssin saaja voi pyyt maksun Ohjelman kopioimisesta ja voi halutessaan myyd Ohjelman takuun.”

You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

Muuteltujen tiedostojen on sisällyttävä selkeä merkintä, josta ilmenee, kuinka tiedostoa on muuttanut ja pivys, jolloin muutokset on tehty.”
You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

Jos muutettu ohjelma lukee ajettessa interaktiivisesti komentoja, Lisenssin saajan on ohjelman kunnistyess normaaliin interaktiiviseen kyttn saatettava nytte tai tulostettavaksi ilmoitus.

Jos muuteltu ohjelma lukee ajettaessa interaktiivisesti komentoja, Lisenssin saajan on ohjelman kunnistyess normaaliin interaktiiviseen kyttn saatettava nytte tai tulostettavaksi ilmoitus, josta selvi asiamukaisesti ohjelman tekijöikes ja ilmoitus, ettei Ohjelmalla ole takausta (tai vaihtoehtoisesi, ett Lisenssin saaja mynt Ohjelmalle takuuna) ja ett kytjt voivat levitt, ett Lisenssin saaja mynt Ohjelmalle takuuna ja ett kytjt voivat levitt.

Susina ja osapuolillem mtc Lisenssin ehtojen mukai.

Jos muutettu ohjelma lukee ajettaessa interaktiivisesti komentoja, Lisenssin saajan on ohjelman kunnistyess normaaliin interaktiiviseen kyttn saatettava nytte tai tulostettavaksi ilmoitus, josta selvi asiamukaisesti ohjelman tekijöikes ja ilmoitus, ettei Ohjelmalla ole takausta (tai vaihtoehtoisesi, ett Lisenssin saaja mynt Ohjelmalle takuuna) ja ett kytjt voivat levitt.

Jos muutettu ohjelma lukee ajettaessa interaktiivisesti komentoja, Lisenssin saajan on ohjelman kunnistyess normaaliin interaktiiviseen kyttn saatettava nytte tai tulostettavaksi ilmoitus, josta selvi asiamukaisesti ohjelman tekijöikes ja ilmoitus, ettei Ohjelmalla ole takausta (tai vaihtoehtoisesi, ett Lisenssin saaja mynt Ohjelmalle takuuna) ja ett kytjt voivat levitt.

Jos muutettu ohjelma lukee ajettaessa interaktiivisesti komentoja, Lisenssin saajan on ohjelman kunnistyess normaaliin interaktiiviseen kyttn saatettava nytte tai tulostettavaksi ilmoitus, josta selvi asiamukaisesti ohjelman tekijöikes ja ilmoitus, ettei Ohjelmalla ole takausta (tai vaihtoehtoisesi, ett Lisenssin saaja mynt Ohjelmalle takuuna) ja ett kytjt voivat levitt.
You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

1. You must cause the modified files to carry prominent notices stating that you modified the files and the date of any modification.
2. You must cause any work that you distribute to carry its own copyright notice.
3. If the modified work includes new material that added functions or removed functions of the original, you must make a reasonable attempt to ensure that the modified work preserves the separation of those functions. For example, if the original program contains a function that prints copyright notices, but the modified program contains a new function that prints additional information, you must ensure that the output produced by the two functions can be distinguished.
4. If the modified work is a platform-independent object file, you must ensure that the object file is in a standard file format that permits general-purpose object file processors to read and write it.
5. You must license the modified work under this License, so that anyone can distribute it free by conveying it under this License. If you convey the work thus altered, you must convey it under the same version of the License; if you alter it, you may alter it under special version terms.
6. If the modified work is a combination of two or more subprojects, you may provide each subproject under its own license and require each subproject's users to accept its own license. This license does not grant permission to use your work with any other program, even if both are simultaneous.

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.
In addition, mere aggregation of another work not based on the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other "work under the scope of this License."

"Lisksi pelkk toisen teoksen, joka ei perustu Ohjelmaan, liittiminen Ohjelman (tai Ohjelman perustuvan teoksen) kanssa samalle tallennus- tai jakeluvlineelle ei merkitse sit, ett toinen teos "tulisi tnn Lisenssin sitomaksi."

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)"
"You may copy and distribute the Program (or a work based on it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following:

1. (itstool) path: sect2/para

msgstr """"Lisenssin saajalla on oikeus kopioida ja levittävät Ohjelmaa (tai siihen perustuvaa teosta, <link linkend="sect2">Kohdan 2</link> mukaisesti) objektiikoodina tai ajettavassa muodossa yllä esitettyjen "<link linkend="sect1">Kohtien 1</link> ja <link linkend="sect2">2</link> mukaisesti edellytten lisäksi, että yksi seuraavista ehdosta on tyttömytynä

"<placeholder-1/>"

msgstr """"The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus "

"any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not "

"include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless "

"that component itself accompanies the executable." msgstr """"Teoksen lhdekoodi tarkoittaa sen suositeltavaa muotoa muutosten tekemistä varten. Ajettavan teoksen tydellinen lhdekoodi tarkoittaa kaikkia lhdekoodia kaikkii teoksen sisältiin moduleihin ja "

"lisiksi kaikkii sen mukana seuraaviin kytteilymtiedostoihin sek skriptiin, joilla hallitaan ajettavan teoksen asennusta ja kntmist. Kuitenkin erityisen poikkeuksena levitetyn lhdekoodin "

"ei tarvitse sisältää sellaisia, mik yleens levitettä (joko lhdekoodi tai binrimuodossa) kytjtjelmen pkomponenttien (kntj, ydin, jne.) mukana, joiden pl teosta ajetaan, "

"ellei tiilinen komponentti tule ajettavan teoksen mukana." msgstr """"If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as "

"distribution of the source code, even though third parties are not compelled to copy the source along with the object code."
"You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, " and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as " such parties remain in full compliance."

"Ohjelman kopioiminen, muuttaminen, lisenointi edelleen tai Ohjelman levittminen muuten kuin tnn Lisenssin ehtojen mukaisesti on kieltetty. Kaikki yritykset muulla tavoin kopioida, muuttaa, " lisensoida edelleen tai levitt Ohjelmaa ovat pitemmil ja johtavat automaattisesti tnn Lisenssin mukaisten oikeuksien pttymiseen. Sen sijaan ne, jotka ovat saaneet kopioita tai oikeuksia " Lisenssin saajalta tnn Lisenssin ehtojen mukaisesti, eivt menet saamia lisensoituja oikeuksia niin kauan kuin he noudattavat nit ehtoja."

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"If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in " other circumstances."

"Jos jokin osa tst kohdasta katsotaan ptemttmksi tai mahdollomaksi vahvistaa oikeudessa joissakin tietyiss olosuhteissa, silloin tt kohtaa on tarkoitus soveltaa ptevin osin ja muissa " "olosuhteissa kokonaisuudessaan.

"It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting " the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through " that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot " impose that choice."

"Tmn kohdan tarkoitus ei ole johtaa siihen, ett Lisenssin saaja rikkoisi mitn patenttia tai muuta varallisuussoikeutta tai vitt mitn niden oikeuksien ptevydest; tnn kohdan ainoana " "tarkoituksena on suojata vapaiden ohjelmien levitysjrjestelmn yhtenisyyys, joka on luotu kyttmll yleisi lisenssej. Monet ovat antaneet arvokkaan panoksensa mit erilaisimpin ohjelmiin, joita " "levietytmm s jristelmess luottaen sen soveltamisen pysyvyyteen; on jokaisen tekijn ja laji pitvillassa haluako hn levi ohjelmaa jossakin muussa jristelmss ja Lisenssin " "saaja ei voi vaikuttaa thn valintaan."

"This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License." 

"Tmn kohdan tarkoituksena on tehdysin selvksi se, mik on tnn Lisenssin muiden osien seuraus."

"If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License 

"may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License "
"incorporates the limitation as if written in the body of this License."
msgid ""
msgstr "Jos patentit tai tekijänoikeudella suojuatut kyttiläittymät rajoittavat Ohjelman levittämist tai kytymässä valtioissa, Ohjelman alkuperäinen tekijä, joka lisenssoi ohjelmaansa tll"
"Lisenssillä, voi asettaa nimenomaisia maantieteellisiä levitysrajoituksia, jolloin levittäminen on sallittu joko mukaan- tai poislukien niin valtiot. Tllisessä tapauksessa niin rajoitukset otetaan"
"huomioon kuin ne olisi kirjoitettu tml Lisenssin sekaan."

#. (itstool) path: sect2/title
#: C/index.docbook:402
msgid "Section 9"
msgstr "Kohta 9"

#. (itstool) path: sect2/para
#: C/index.docbook:404
msgid ""
msgstr ""The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ"
"in detail to address new problems or concerns."
msgstr ""Free Software Foundation voi julkaista korjattuja tai uusia versioita GPL-lisenssistä aina joka aika. Niden uusien versioiden henki on yhtenevyyden nykyisen versiön kanssa, mutta ne saatavat erotta"
"yksityiskohtaisissa ottaen huomioon uusia ongelmia ja huolenaiheita."

#. (itstool) path: sect2/para
#: C/index.docbook:410
msgid ""
msgstr ""Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and <quote>any later version</quote>, you have the option of"
"following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may"
"choose any version ever published by the Free Software Foundation."
msgstr ""Jokaiselle versiolle annetaan ne muista erottava versionumero. Jos Ohjelma kyttää tml Lisenssin tietty versiota tai"
"<quote>mit tahansa myhemp versiota</quote>, Lisenssin saaja saa valita, "
"kyttik sit tai jotakin Free Software Foundationin julkaisemaa myhemp versiota Lisenssistä. Jos Ohjelma ei mainitse"
"mit versiota tst Lisenssistä se kyttää, on sallittua valita mit tahansa "
"versio, jonka Free Software Foundation on koskaan julkaisseut."

#. (itstool) path: sect2/title
#: C/index.docbook:420
msgid "Section 10"
msgstr "Kohta 10"

#. (itstool) path: sect2/para
#: C/index.docbook:422
msgid ""
msgstr ""If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different,
write to the author to ask for permission. For software which is copyrighted by “
"the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the free status of all "
"derivatives of our free software and of promoting the sharing and reuse of software generally."

"Jos Lisenssin saaja haluaa ottaa osia Ohjelmasta mukaan muihin vapaisiin ohjelmiin, joiden levysehdot ovat
erilaiset, hnen tulee kirjoittaa tekijälle ja kysy lupaa. Jos ohjelman tekijänoikeuden "
"omistaa Free Software Foundation, on kirjoitettava heille; he tekevt joskus poikkeusia. Free Software
Foundationin ptsten ohjenuorana on kaksi pmr; silytt kaikista heidn vapaista "
"ohjelmista johdettujen ohjelmien vapaa asema ja yleisesti kannustaa ohjelmien jakamiseen ja uudelleen kyttn."

"BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE
PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE
STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR "
"OTHER PARTIES PROVIDE THE PROGRAM <quote>AS IS</quote> WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS "
"FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF
THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST
OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."

"Koska tm Ohjelma on lisenoitumaiseksi, tle Ohjelmalle ei myynnet takausta lain sallimissa rajoissa. Ellei
tekijänoikeuden haltijana kirjalliseesti muuta osoita, Ohjelma on tarjolla "
"<quote>sellaisena kuin se on</quote> ilman minknlaista takausta, ilmaistua tai hiljaista, sislen, muttei tyhjentvsti,
hiljaisen takuun kaupallisesti hyvksyttvst laadusta ja soveltuvuudesta "
"tiettyyn tarkoituukseen. Lisessin saajalla on kaikki riski Ohjelman laadusta ja suorituskyvyst. Jos ohjelma
osoittautuu virheelliseksi, Lisessin saajan vastuulla ovat kaikki huolto- ja "
"korjauskustannukset."
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"RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY"

"OF SUCH DAMAGES."

"Ellei laista tai kirjallisesta hyvksynnst muuta johdu, tekijnoikeuden haltija ja kuka tahansa kolmas osapuoli, joka voi muuttaa tai levitt ohjelmia kuten edell on sallittu, eivt ole missn"

"tilanteessa vastuussa Lisenssin saajalle yleisist, erityisist, satunnaisista tai seuraussellisista vahingoista (sislten, muttei tyhjentvsti, tiedon katoamisen, tiedon vristymisen, Lisenssin"

"saajan tai kolmansien osapuolten menetytet ja ohjelman puutteen toimia mink tahansa toisen ohjelman kanssa), jotka aiheutuvat ohjelman kytst tai silt, ett ohjelman ei voi kytty, siinkin"

"tapauksessa, ett tekijnoikeuden haltija tai kolmas osapuoli olisi maininnut kyseisten vahinkojen mahdollisuudesta."

#~ msgid "2000"
#~ msgstr "2000"

#~ msgid "2"
#~ msgstr "2"

#~ msgid "1991-06"
#~ msgstr "1991-06"

<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE article PUBLIC "-//OASIS//DTD DocBook XML V4.1.2//EN" "http://www.oasis-open.org/docbook/xml/4.1.2/docbookx.dtd">
Les licences de la plupart des logiciels sont conçues pour vous donner toute liberté de les partager et de les modifier. L'opposé, les Licences Générales Publiques GNU ont pour but de vous garantir la liberté de partager et modifier un logiciel libre, pour être sûr que le logiciel est bien libre pour tous les utilisateurs.
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La plupart des logiciels GNU, y compris certaines bibliothèques, sont couverts par la Licence Générale Publique GNU (GNU General Public License). La présente licence s'applique certaines bibliothèques désignées et est assez différente de la Licence Générale Publique. Nous utilisons la présente licence pour certaines bibliothèques afin de permettre de lier ces bibliothèques, sous certaines conditions, des programmes non libres.

Quand un programme est lié avec une bibliothèque, que ce soit statiquement ou avec une bibliothèque partagée, la combinaison des deux constitue, en termes légaux, un travail combin, un driv de la bibliothèque originale. Il s'ensuit que la Licence Générale Publique ordinaire ne permet une telle liaison que si l'entire combinaison remplit ses critères et conditions de liberté. La Licence Générale Publique Limite permet de desserrer les critères permettant de lier d'autres codes avec la bibliothèque.

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Par exemple, en de rares occasions, il peut exister le besoin particulier d'encourager l'utilisation la plus large possible d'une certaine bibliothèque, afin qu'elle devienne un standard de facto. Pour arriver à cette fin, des programmes non libres doivent pouvoir être autorisés à utiliser la bibliothèque. Un cas plus fréquent est qu'une bibliothèque libre effectue les mêmes tâches que des bibliothèques non libres largement utilisées. Dans ce cas, il n'y a pas grand chose à gagner à limiter la bibliothèque libre aux seuls logiciels libres, aussi nous utilisons la Licence Générale Publique Limite.

Dans d'autres cas, l'autorisation d'utiliser une bibliothèque particulière dans des programmes non libres permet un plus grand nombre de personnes d'utiliser un corpus très large de logiciels libres. Par exemple, l'autorisation d'utiliser la bibliothèque C GNU dans des programmes non libres permet plus de personnes d'utiliser le système d'exploitation GNU tout entier, de même que sa variante, le système d'exploitation GNU/Linux.

Bien que la Licence Générale Publique Limite semble limiter la protection de la liberté de l'utilisateur, elle assure que l'utilisateur d'un programme lié avec la bibliothèque dispose de la liberté et du choix d'exécuter ce programme en utilisant une version modifiée de la bibliothèque.

Les termes et conditions précis concernant la copie, la distribution et la modification suivent. Prenez une attention tout particulière aux différences entre un travail bas sur la Bibliothèque et un travail utilisant la Bibliothèque. Le premier contient du code driv de la bibliothèque, tandis que le second doit être combiné avec la bibliothèque afin de pouvoir être exécuté.
Cet Accord de Licence s'applique toute bibliothèque logicielle ou tout programme contenant une notice place par le titulaire de la rservation de droits (copyright) ou toute autre partie autorise indiquant que ce logiciel peut tre distribu suivant les termes de cette Licence Gnrale Publique Limite (appele ci-dessous <quote>cette Licence</quote>). Chacun des concessionnaires de cette Licence sera disgn en tant que <quote>Vous</quote>.

Une <quote>bibliothèque</quote> signifie une collection de fonctions logicielles ou de donnes prpares de faon tre lie facilement des programmes applicatifs (utilisant tout ou partie de ces fonctions et donnes) afin de former des executables.

La <quote>Bibliothèque</quote>, ci-dessous, se rfre toute telle bibliothèque logicielle ou travail qui a t distribu suivant ces termes. Un <quote>travail bas sur la Bibliothèque</quote> signifie soit la Bibliothèque ou tout travail driv pouvant tre soumis aux lois de proprit intellectuelle: c'est--dire un travail contenant la Bibliothèque ou une portion de celle-ci, soit en copie conforme, soit avec des modification ou traduit directement dans une autre langue. (Dans la suite ci-dessous, les traductions sont incluses sans limitation dans le terme modification.)

Le <quote>code source</quote> d'un travail signifie la forme prfére du travail permettant d'y effectuer des modifications. Pour une bibliothèque, le code source complet signifie tout le code source de tous les modules qu'elle contient, plus tous les fichiers de dfinition d'interface associés, plus les scripts utilis pour contrler la compilation et l'installation de la bibliothèque.

Les activits autres que la copie, la distribution et la modification ne sont pas couvertes par cette Licence; elles sont en dehors de son tendue. L'action d'executer un programme utilisant la Bibliothèque n'est pas restreinte et les rsultats produits par un tel programme ne sont couverts que si leur contenu constitue un travail bas sur la Bibliothèque (indpendamment de l'utilisation de la Bibliothèque dans un outil utilis pour l'crire). Que ce soit ou non le cas dpend de ce que ralise la Bibliothèque, et de ce que fait le programme utilisant la Bibliothèque.

Vous pouvez copier et distribuer des copies conformes du code source complet de la Bibliothèque que vous recevez, sur tout support, pourvu que vous publiiez scrupuleusement et de faon approprie sur chaque copie la notice de rservation de droit (copyright) et un dni de garantie; gardez intactes toutes les notices qui se rfrent cette Licence et l'absence de toute garantie; et distribuez une copie de cette Licence en mme temps que la Bibliothèque.

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Vous pouvez modifier votre ou vos copie(s) de la Bibliothèque ou toute portion de celle-ci et ainsi crer un travail bas sur la Bibliothèque et copier ou distribuer de telles modifications suivant les termes de la <link linkend="sect1">Section 1</link> ci-dessus, pourvu que vous satisfassiez galement chacune de ces conditions:

<orderedlist numeration="loweralpha">
  <listitem>
Le travail modifié doit être lui-même une bibliothèque logicielle.

Vous devez assurer que les fichiers modifiés comportent des notices videntes tablissant que vous avez changé les fichiers et la date de ces changements.

Vous devez assurer que l'ensemble du travail pourra être licencié sans frais toute tierce partie suivant les termes de cette Licence.

Si une facilit dans le bibliothèque modifie référence une fonction ou une table de données fournir par une application utilisant la facilit, autre qu'un argument pass quand la facilit est invoquée, alors vous devez faire un effort en toute bonne foi pour vous assurer que, dans l'éventualité ou une application ne fournirait pas une telle fonction ou table, la facilit restera opérationnelle et effectuera une partie quelconque de sa finalité de façon sense.

(Par exemple, une fonction dans une bibliothèque pour calculer des racines carrées a une finalité qui est totalement bien définie indépendamment de l'application. Par conséquent, la Sous-section 2d requiert que toute fonction fournie par l'application ou table utilise par cette fonction doit être optionnelle si l'application n'en fournit pas: la fonction racine carrée doit encore pouvoir calculer des racines carrées.)

Ces obligations s'appliquent au travail modifié dans son entier. Si des sections identifiables de ce travail ne sont pas dérivées dans la Bibliothèque, et peuvent être raisonnablement considérées comme des travaux indépendants et spars par eux-mêmes, alors cette Licence et ses termes, ne s'appliquent pas à ces sections, dès lors que vous les distribuez en tant que travaux spars. Mais quand vous distribuez les mêmes sections en tant que composants d'un ensemble constitué d'un travail bas sur la Bibliothèque, la distribution de l'ensemble doit se faire suivant les termes de cette Licence, dont les autorisations accordées d'autres obteneurs de licences s'étendent à la totalité de l'ensemble et donc pour chacun des composants indépendamment de qui les a écrit.

 Aussi, ce n'est pas l'intention de cette section de clamer des droits ou de contester vos droits sur des travaux créés entièrement par vous; l'intention est plutôt d'exercer le droit de contrôler la distribution des travaux dérivés ou collectifs bas sur la Bibliothèque.

De plus, la simple agrégation avec la Bibliothèque (ou avec un travail bas sur la Bibliothèque) d'un autre travail non bas sur la Bibliothèque sur un même volume de stockage ou un support de distribution n'amène pas cet autre travail dans le champ d'application de cette Licence.

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vous pouvez specifier plutt cette version si vous le souhaitez.) N'effectuez aucun autre changement ces notices.</para>

<para>Ds que ce changement a t fait dans une copie donne, il est irrversible pour cette copie et donc la Licence Gnrale Publique GNU ordinaire s'appliquera toutes les copies suivantes et tous travaux drivs effectus partir de cette copie.</para>

<para>Cette option est utile quand vous souhaitez copier une partie du code de la Bibliothque en un programme qui n'est pas une bibliothque.</para>

<sect2 id="sect4" label="4">
<title>Section 4</title>

<para>Vous pouvez copier et distribuer la Bibliothque (ou une portion ou un driv de celle-ci, suivant les termes de la Section 2 ) sous forme de code objet ou exécutable suivant les termes des Sections 1 et 2 ci-dessus, pourvu que vous l'accompagniez avec le code source correspondant sous forme lisible par une machine, qui doit être distribué suivant les termes des Sections 1 et 2 ci-dessus sur un support utilisation habituellement pour l'échange de logiciels.</para>

<para>Si la distribution du code objet se fait en offrant l'accès à la copie depuis un emplacement désigné, alors une offre d'accès équivalente pour copier le code source depuis le même emplacement satisfer l'obligation de distribuer le code source, même si des parties tierces ne sont pas obligées de copier simultanément le source en même temps que le code objet.</para>

<sect2 id="sect5" label="5">
<title>Section 5</title>

<para>Un programme qui ne contient aucun driv d'une quelconque portion de la Bibliothque, mais est conçu pour travailler avec la Bibliothque en tant compil ou li avec cette Bibliothque, est appel un travail utilisant la Bibliothque. Un tel travail, pris isolément, n'est pas un travail driv de la Bibliothque et tombe par conséquent hors du champ d'application de cette Licence.</para>

<para>Cependant, la liaison avec la Bibliothque d'un travail utilisant la Bibliothque cre un exécutable qui est un driv de la Bibliothque (car il contient des portions de la Bibliothque), plutôt qu'un travail utilisant la Bibliothque. L'exécutable est par conséquent couvert par cette Licence. La Section 6 tablit les termes de distribution de tels exécutables.</para>

<para>Quand un travail utilisant la Bibliothque utilise des éléments d'un fichier d'entrée faisant partie de la Bibliothque, le code objet de ce travail peut être un travail driv de la Bibliothque même si son code source ne l'est pas. Cette définition prendra son sens tout particulièrement si le travail peut être lié sans la Bibliothque ou si le travail est lui-même une bibliothque. Les limitations de ce cas ne sont pas définies de façon précise par la loi.</para>

<para>Si un tel fichier objet utilise uniquement des paramètres numériques, des schémas et accesseurs de structures de données et de petites macros et petites fonctions en ligne (dix lignes de source ou moins en longueur), alors
l'utilisation du fichier objet est non restreinte, indépendamment du fait que cela constitue également un travail driv. (Les règles de la "Section 6" s'appliqueront tout de même aux exécutables contenant ce code objet plus des portions de la Bibliothèque.)</para>

<para>Autrement, si le travail est un driv de la Bibliothèque, vous pouvez distribuer le code objet pour le travail suivant les termes de la "Section 6". Les règles de la "Section 6" s'appliquent alors tout exécutable contenant ce travail, que ce dernier soit ou ne soit pas lié directement avec la Bibliothèque elle-même.</para>

</sect2>

<sect2 id="sect6" label="6">
<title>Section 6</title>

<para>Par exception aux Sections ci-dessus, vous pouvez aussi combiner ou lier un "travail utilisant la Bibliothèque" avec la Bibliothèque pour produire un travail contenant des portions de la Bibliothèque et distribuer ce travail suivant les termes de votre choix, pourvu que ces termes permettent la modification du travail pour les besoins propres du client et l'ingénierie inverse permettant le débogage de telles modifications.</para>

<para>Vous devez donner une notice explicite et visible avec chaque copie du travail montrant que la Bibliothèque est utilisée dans celui-ci et que la Bibliothèque est couverte par cette Licence. Vous devez fournir une copie de cette Licence. Si le travail lors de son exécution affiche des notices de droits et propriétés intellectuelles, vous devez inclure la notice pour la Bibliothèque parmi celles-ci, ainsi qu'une référence à l'utilisateur vers une copie de cette Licence. Vous devez aussi effectuer l'une des tâches suivantes: <orderedlist numeration="loweralpha">
  <listitem>
    Accompagner le travail avec le code source complet correspondant lisible par une machine pour la Bibliothèque incluant tout changement quelconque qui ont été effectués dans le travail (qui doit être distribué suivant les Sections "1" et "2" ci-dessus); et, si le travail est un exécutable lié avec la Bibliothèque, fournir la totalité du "travail utilisant la Bibliothèque" lisible par une machine, sous forme de code objet ou source, de sorte que l'utilisateur puisse modifier la Bibliothèque et la relier pour produire un exécutable modifié contenant la Bibliothèque modifiée. (Il est admis que l'utilisateur qui change le contenu de fichiers de définition dans la Bibliothèque ne sera pas nécessairement capable de recompiler l'application pour utiliser les définitions modifiées.)</listitem>
  <listitem>
    Utiliser un mécanisme approprié de bibliothèque partage pour lier avec la Bibliothèque. Un mécanisme approprié est celui qui (1) utilise l'exécution une copie de la Bibliothèque déjà présente sur le système de l'ordinateur de l'utilisateur, plutôt que de copier les fonctions de bibliothèque dans l'exécutable et (2) fonctionnera correctement avec une version modifiée de la Bibliothèque, si l'utilisateur en installe une, tant que la version modifiée est compatible au niveau de l'interface avec la version avec laquelle le travail a été réalisé.</listitem>
  <listitem>
    Accompagner le travail avec une offre écrite, valide pour au moins trois ans, de donner au même utilisateur les éléments spécifiés dans la "Sous-section 6a", contre un paiement n'excedant pas le cot requis pour effectuer cette distribution.</listitem>
  <listitem>
    Si la distribution du travail est faite en offrant l'accès une copie depuis un emplacement désigné, offrir un accès équivalent depuis le même emplacement pour copier les éléments spécifiés ci-dessus.</listitem>
</orderedlist>
Vérifier que l'utilisateur a déjà reçu une copie de ces éléments ou que vous en avez déjà envoyé une copie à cet utilisateur.

Pour un exécutable, la forme requise du travail utilisant la Bibliothèque doit inclure toutes les données et programmes utiles nécessaires permettant de reproduire l'exécutable partiellement à partir de ceux-ci. Cependant, par exception, les matériels à distribuer n'ont pas besoin d'inclure tout ce qui est normalement distribué (sous forme source ou binaire) avec les composants majeurs (compilateur, noyau et autres composants similaires) du système d'exploitation sur lequel l'exécutable fonctionne, moins que ce composant lui-même accompagne l'exécutable.

Il peut arriver que ces conditions nécessaires contredisent les restrictions de licence d'autres bibliothèques propriétaires qui n'accompagnent pas normalement le système d'exploitation. Une telle contradiction signifie que vous ne pouvez pas les utiliser en même temps que la Bibliothèque dans un exécutable que vous distribuez.

Vous pouvez placer les facilités de bibliothèque qui sont un travail bas sur la Bibliothèque côte à côte dans une unique bibliothèque avec d'autres facilités de bibliothèque non couvertes par cette Licence et distribuer une telle bibliothèque combinée, pourvu que la distribution spare du travail bas sur la Bibliothèque et des autres facilités de bibliothèque soient autrement permises et pourvu que vous effectuiez chacune des deux tâches suivantes:

1. Accompagner la bibliothèque combinée avec une copie du même travail bas sur la Bibliothèque, non combiné avec d'autres facilités de bibliothèque. Cela doit être distribué suivant les termes des Sections ci-dessus.
2. Donner une notice visible avec la bibliothèque combinée du fait qu'une partie de celle-ci est un travail bas sur la Bibliothèque et expliquant où trouver la forme non combinée accompagnante du même travail.

Vous ne pouvez pas copier, modifier, accorder des sous-licences, lier ou distribuer la Bibliothèque autrement que d'une façon décrite expressément par cette Licence. Autrement, toute tentative de copier, modifier, accorder des sous-licences, lier ou distribuer la Bibliothèque est invalide et mettra fin automatiquement vos droits accordés sous cette Licence. Toutefois, toute autre tierce partie qui a reçu des copies ou des droits, par vous suivant les termes de cette Licence n'aura pas sa licence terminée, aussi longtemps que cette partie tierce continue de s'y conformer pleinement.
Vous n'êtes pas obligé d'accepter cette Licence, puisque vous ne l'avez pas signé. Cependant, rien d'autre ne vous accorde l'autorisation de modifier ou distribuer la Bibliothèque ou ses travaux dérivés. Ces actions sont également prohibées si vous n'acceptez pas cette Licence. Par conséquent, en modifiant ou distribuant la Bibliothèque (ou tout travail basé sur la Bibliothèque), vous indiquez votre acceptation de cette Licence pour le faire, ainsi que tous ses termes et conditions pour la copie, la distribution ou la modification de la Bibliothèque ou des travaux basés sur elle.

Chaque fois que vous redistribuez la Bibliothèque (ou tout travail basé sur la Bibliothèque), le destinataire reçoit automatiquement une licence par l'émetteur d'origine de la licence, permettant de copier, distribuer, lier ou modifier la Bibliothèque en accord avec les présents termes et conditions. Vous ne pouvez pas imposer davantage de restrictions sur l'exercice par le concessionnaire de cette licence des droits accordés dans la présente licence. Vous êtes dégagé de la responsabilité de contrôler la conformité d'usage de cette Licence par des parties tierces.

Si, par suite d'une décision judiciaire ou d'une allégation d'infraction d'un brevet ou pour toute autre raison (non limité aux problèmes de brevets), des conditions vous sont imposées (que ce soit par une ordonnance de justice, une transaction amiable ou contractuelle ou toute autre raison) qui contredisent les conditions de cette Licence, elles ne vous échappent pas des obligations de cette Licence. Si vous ne pouvez pas effectuer une distribution de façon satisfaisant simultanément vos obligations sous cette Licence et toute autre obligation pertinente, alors vous ne pouvez en aucun cas distribuer la Bibliothèque. Par exemple, si une licence de brevet ne permettait pas une redistribution de la Bibliothèque sans paiement de royalties par tous ceux qui en reçoivent des copies directement ou indirectement par vous, alors la seule façon pour vous de satisfaire la fois les conditions imposées et cette Licence sera de vous abstenir complètement de toute distribution de la Bibliothèque.

Si toute portion de cette section est jugée invalide ou inapplicable de plein droit dans une quelconque circonstance particulière, le maximum possible de cette section est supposé s'appliquer et la section dans son tout est supposé toujours applicable dans toutes les autres circonstances.

Le but de cette section n'est pas de vous obliger enfreindre un quelconque brevet ou d'autres prétentions des droits de proprit ou de contester la validité de telles prétentions; cette section a pour seul but de protéger l'intérêt du système de distribution des logiciels libres tel qu'il fonctionne au moyen de pratiques de licences publiques. De nombreuses personnes ont fait des contributions généreuses à la gamme très tendue de logiciels distribués via ce système, en comptant sur l'application rigoureuse et cohérente de ce système; il appartient seulement l'auteur ou au donateur de décider si il ou elle désire distribuer un logiciel via un autre système et le concessionnaire de licence ne peut pas imposer ce choix.
Cette section a pour but d'établir de façon très claire ce que l'on croit être une conséquence nécessaire du reste de cette Licence.

Si la distribution ou l'usage de la Bibliothèque est restreinte dans certains pays, que ce soit par des brevets ou des interfaces soumises au droit de propriété intellectuelle, le titulaire original de ce droit de propriété qui place la Bibliothèque sous la couverture de cette Licence peut ajouter une limitation géographique explicite de distribution excluant ces pays, afin que la distribution soit permise seulement dans ou parmi les pays non exclus. Dans un tel cas, cette Licence incorpore la limitation comme si elle tait rpute crée dans le corps de cette Licence.

La Free Software Foundation peut publier des versions ravisées ou nouvelles de la Licence Générale Publique Limite de temps en temps. De telles nouvelles versions resteront similaires l'esprit de la présente version, mais peut différer dans son détail afin de traiter de nouveaux problèmes ou préoccupations.

Chaque version reçoit un numéro de version distinctif. Si la Bibliothèque spécifie un numéro de version de cette Licence qui s'applique celle-ci et toute autre version future, vous avez l'option de suivre les termes et conditions de cette version ou de toute version ultérieure publiées par la Free Software Foundation. Si la Bibliothèque ne spécifie pas un numéro de version de licence, vous pouvez choisir n'importe quelle version publiee par la Free Software Foundation.

Si vous souhaitez incorporer des parties de la Bibliothèque dans tout autre programme libre dont les conditions de distribution sont incompatibles avec ces termes, crivez l'auteur ou demandez son autorisation. Pour les logiciels dont les droits de propriété sont tenus par la Free Software Foundation, crivez la Free Software Foundation; nous faisons parfois des exceptions pour celui-ci. Notre décision sera guide par les deux finalités de préserver le statut libre de tous les drivs de nos logiciels libres et de promouvoir le partage et la réutilisation des logiciels en général.
IMPLICITE, CECI INCLUANT, MAIS SANS LIMITATION, LES GARANTIES IMPLICITES DE MARCHANDABILITÉ ET D'ADQUATION UN OBJECTIF PARTICULIER. VOUS ASSUMEZ SEUL LE RISQUE TOUT ENTIER CONCERNANT LA QUALITÉ ET LA PERFORMANCE DE LA BIBLIOTHÈQUE. DANS L'EVENTUALITÉ OÙ LA BIBLIOTHÈQUE S'AVÈRERAIT DÉFAUTUEUSE, VOUS ASSUMEREZ VOUS-MÊME LE CÔTÉ DE TOUS LES SERVICES, RÉPARATIONS OU CORRECTIONS NÉCESSAIRES.

Section 16

EN AUCUNE AUTRE CIRCONSTANCE QUE CELLES REQUISES PAR LA LOI APPLICABLE OU ACCORDÉES PAR CRIT, UN TITULAIRE DE DROIT DE PROPRIÉTÉ, OU TOUT AUTRE PARTIE QUI PEUT MODIFIER OU REDISTRIBUER LA BIBLIOTHÈQUE COMME PERMIS CI-DESSUS, NE POURRA TOUTEFOIS ETRE TENUE POUR RESPONSABLE ENVERS VOUS POUR LES DOMMAGES, INCLUANT TOUS DOMMAGES GÉNÉRAL, SPÉCIAL, ACCIDENTEL OU INDUCT DE L'INCAPACITÉ D'UTILISER LA BIBLIOTHÈQUE (CECI INCLUANT MAIS SANS LIMITATION LA PERTE DE DONNÉES OÙ L'INEXACTITUDE DES DONNÉES RETOURNÉES OÙ LES PERTES SUBIES PAR VOUS OU DES PARTIES TIERCES OÙ L'INCAPACITÉ DE LA BIBLIOTHÈQUE FONCTIONNER AVEC TOUT AUTRE LOGICIEL), MEME SI UN TEL TITULAIRE OU TOUTE AUTRE PARTIE A TÉ UN AVIS DE LA POSSIBILITÉ DE TELS DOMMAGES.
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.
This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the *Lesser* General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a work based on the library and a work that uses the library. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called this License). Each licensee is addressed as you.

A library means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.
The <quote>Library</quote>, below, refers to any such software library or work which has been distributed under these terms. A <quote>work based on the Library</quote> means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term <quote>modification</quote>.)

<quote>Source code</quote> for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- The modified work must itself be a software library.
- You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
- You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
- If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.
Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a work that uses the Library. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
However, linking a work that uses the Library with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a work that uses the library. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a work that uses the Library uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a work that uses the Library with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the work that uses the Library must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:
Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.
<sect2 id="sect10" label="10">
<title>Section 10</title>

<para>
Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.
</para>
</sect2>

<sect2 id="sect11" label="11">
<title>Section 11</title>

<para>
If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.
</para>

<para>
If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.
</para>

<para>
It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot
impose that choice.
</para>

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.
</para>
</sect2>

<sect2 id="sect12" label="12">
<title>Section 12</title>

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</para>
</sect2>

<sect2 id="sect13" label="13">
<title>Section 13</title>

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<sect2 id="sect14" label="14">
<title>Section 14</title>

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Liefern Sie das Programm zusammen mit einem mindestens drei Jahre lang gültigen schriftlichen Angebot
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Oder:

- Liefern Sie das Programm zusammen mit dem schriftlichen Angebot der Zurverfügungstellung des Quelltextes aus, das Sie selbst erhalten haben. (Diese Alternative ist nur für nicht-kommerzielle Verbreitung zulässig und nur, wenn Sie das Programm als Objectcode oder in ausführbarer Form mit einem entsprechenden Angebot gem Absatz b erhalten haben.)

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</sect1>
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#
# Yannig MARCHEGAY (yannig@marchegay.org) - 2006-2007
#
msgid ""
msgstr ""
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"POT-Creation-Date: 2007-08-25 19:45+0100\n"
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"Last-Translator: Yannig Marchegay (Kokoyaya) <yannig@marchegay.org>\n"
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"Section may not explain any mathematics.) The relationship could be a matter "
"of historical connection with the subject or with related matters, or of "
"legal, commercial, philosophical, ethical or political position regarding "
"them."

msgid ""

msgid "The <quote>Invariant Sections</quote> are certain <link linkend="fdl-" "secondary">Secondary Sections</link> whose titles are designated, as being "
"those of Invariant Sections, in the notice that says that the <link linkend="" 
"">Document</link> is released under this License."

msgid ""
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"listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says "
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"some widely available drawing editor, and that is suitable for input to text "
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"format whose markup has been designed to thwart or discourage subsequent "
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"a publicly available DTD, and standard-conforming simple HTML designed for "
"human modification. Opaque formats include PostScript, PDF, proprietary "
"formats that can be read and edited only by proprietary word processors, "
"SGML or XML for which the DTD and/or processing tools are not generally "
"available, and the machine-generated HTML produced by some word processors "
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"State on the <link linkend="fdl-title-page">Title Page</link> the name of "the publisher of the <link linkend="fdl-modified">Modified Version</link>, "as the publisher."

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"Add an appropriate copyright notice for your modifications adjacent to the "other copyright notices."

"Include, immediately after the copyright notices, a license notice giving "the public permission to use the <link linkend="fdl-modified">Modified Version</link> under the terms of this License, in the form shown in the "Addendum below."

"Preserve in that license notice the full lists of <link linkend="fdl-invariant">Invariant Sections</link> and required <link linkend="fdl-cover-texts">Cover Texts</link> given in the <link linkend="fdl-document">Document's</link> license notice."
msgid "Include an unaltered copy of this License."
msgstr ""

#: C/fdl.xml:356(para)
msgid ""
"Preserve the section entitled <quote>History</quote>, and its title, and add "
"to it an item stating at least the title, year, new authors, and publisher "
"of the <link linkend="\"fdl-modified\">Modified Version</link> as given on "
"the <link linkend="\"fdl-title-page\">Title Page</link>. If there is no "
"section entitled <quote>History</quote> in the <link linkend="\"fdl-document""/>
"Document</link>, create one stating the title, year, authors, and "
"publisher of the Document as given on its Title Page, then add an item "
"describing the Modified Version as stated in the previous sentence."
msgstr ""

#: C/fdl.xml:372(para)
msgid ""
"Preserve the network location, if any, given in the <link linkend="\"fdl-"
"document\">Document</link> for public access to a <link linkend="\"fdl-"
"transparent\">Transparent</link> copy of the Document, and likewise the "
"network locations given in the Document for previous versions it was based "
"on. These may be placed in the <quote>History</quote> section. You may omit "
"a network location for a work that was published at least four years before "
"the Document itself, or if the original publisher of the version it refers "
"to gives permission." 
msgstr ""

#: C/fdl.xml:387(para)
msgid ""
"In any section entitled <quote>Acknowledgements</quote> or "
"<quote>Dedications</quote>, preserve the section's title, and preserve in "
"the section all the substance and tone of each of the contributor "
"acknowledgements and/or dedications given therein." 
msgstr ""

#: C/fdl.xml:397(para)
msgid ""
"Preserve all the <link linkend="\"fdl-invariant\">Invariant Sections</link> "
"of the <link linkend="\"fdl-document\">Document</link>, unaltered in their "
"text and in their titles. Section numbers or the equivalent are not "
"considered part of the section titles." 
msgstr ""

#: C/fdl.xml:407(para)
msgid ""
"Delete any section entitled <quote>Endorsements</quote>. Such a section may "
"not be included in the <link linkend="\"fdl-modified\">Modified Version</link> "
"link>."
"Do not retitle any existing section as <quote>Endorsements</quote> or to "
"conflict in title with any <link linkend="fdl-invariant">Invariant "
"Section</link>.
"
msgstr ""

"If the <link linkend="fdl-modified">Modified Version</link> includes new "
"front-matter sections or appendices that qualify as <link linkend="fdl-" "secondary">Secondary Sections</link> and contain no material copied from "
"the Document, you may at your option designate some or all of these sections "
"as invariant. To do this, add their titles to the list of <link linkend="" 
"fdl-invariant">Invariant Sections</link> in the Modified Version's "
"license notice. These titles must be distinct from any other section titles."
msgstr ""

"You may add a section entitled <quote>Endorsements</quote>, provided it "
"contains nothing but endorsements of your <link linkend="fdl-modified" 
">Modified Version</link> by various parties--for example, statements of "
"peer review or that the text has been approved by an organization as the "
"authoritative definition of a standard."
msgstr ""

"You may add a passage of up to five words as a <link linkend="fdl-cover-" "text">Front-Cover Text</link>, and a passage of up to 25 words as a <link " 
"linkend="fdl-cover-texts">Back-Cover Text</link>, to the end of the list "
"of <link linkend="fdl-cover-texts">Cover Texts</link> in the <link linkend="" 
"fdl-modified">Modified Version</link>. Only one passage of Front-Cover "
"Text and one of Back-Cover Text may be added by (or through arrangements "
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msgstr ""

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"for publicity for or to assert or imply endorsement of any <link linkend="fdl-modified">Modified Version</link>.

msgstr ""

#: C/fdl.xml:473(title)
msgid "COMBINING DOCUMENTS"
msgstr ""

#: C/fdl.xml:474(para)
msgid ""You may combine the <link linkend="fdl-document">Document</link> with "
"other documents released under this License, under the terms defined in "
"<link linkend="fdl-section4">section 4</link> above for modified versions," 
"provided that you include in the combination all of the <link linkend="fdl-invariant">Invariant Sections</link> of all of the original documents," 
"unmodified, and list them all as Invariant Sections of your combined work in "
"its license notice."
msgstr ""

#: C/fdl.xml:485(para)
msgid ""The combined work need only contain one copy of this License, and multiple "
"identical <link linkend="fdl-invariant">Invariant Sections</link> may be "
"replaced with a single copy. If there are multiple Invariant Sections with "
"the same name but different contents, make the title of each such section "
"unique by adding at the end of it, in parentheses, the name of the original "
"author or publisher of that section if known, or else a unique number. Make "
"the same adjustment to the section titles in the list of Invariant Sections "
"in the license notice of the combined work."
msgstr ""

#: C/fdl.xml:498(para)
msgid ""In the combination, you must combine any sections entitled <quote>History</quote> in the various original documents, forming one section entitled "
"<quote>History</quote>; likewise combine any sections entitled "
"<quote>Acknowledgements</quote>, and any sections entitled "
"<quote>Dedications</quote>. You must delete all sections entitled "
"<quote>Endorsements.</quote>"
msgstr ""

#: C/fdl.xml:509(title)
msgid "COLLECTIONS OF DOCUMENTS"
msgstr ""

#: C/fdl.xml:510(para)
msgid ""You may make a collection consisting of the <link linkend="fdl-document"
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# Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
#: C/gpl.xml:39
msgid ""
"<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth 
"Floor</street>, <city>Boston</city>, <state>MA</state> <postcode>02110-1301</" 
"postcode><country>USA</country></address>.
"msgrs<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth 
"Floor</street>, <city>Boston</city>, <state>MA</state> <postcode>02110-1301</" 
"postcode><country>USA</country></address>.
"

#: C/gpl.xml:48
msgid ""
"Everyone is permitted to copy and distribute verbatim copies of this license 
"document, but changing it is not allowed."
"msgrs"Mi ngi u uc quyn sao chp v phn phi nguyn vn ti liu giy php 
"ny, nhng khng c ph thay i n."

#: C/gpl.xml:54
msgid "Version 2, June 1991"
msgstr "Phin bn 2, thng 6/1991"

#: C/gpl.xml:58
msgid ""
"The licenses for most software are designed to take away your freedom to 
"share and change it. By contrast, the GNU General Public License is intended 
"to guarantee your freedom to share and change free software - to make sure 
"the software is free for all its users."
"msgrs"Giy php s dng ca hu ht cc phn mm c thit k bn khng c " 
"t do chia s v thay i phn mm . Tri li, Giy php Cng cng GNU d " 
"nh m bo cho bn c t do chia s v thay i phn mm mt cch t do, " 
"v m bo phn mm t do cho mi ngi s dng."

#: C/gpl.xml:67
msgid "Preamble"
msgstr "Li m u"

#: C/gpl.xml:69
msgid ""
"The licenses for most software are designed to take away your freedom to 
"share and change it. By contrast, the GNU General Public License is intended 
"to guarantee your freedom to share and change free software - to make sure 
"the software is free for all its users. This General Public License applies 
"to most of the Free Software Foundation's software and to any other program 
"whose authors commit to using it. (Some other Free Software Foundation 
"software is covered by the GNU Library General Public License instead.) You " 
"can apply it to your programs, too."
"msgrs"Giy php s dng ca hu ht cc phn mm c thit k bn khng c " 
"t do chia s v thay i phn mm . Tri li, Giy php Cng cng GNU d " 
"nh m bo cho bn c t do chia s v thay i phn mm mt cch t do, "

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"v m bo phn mm t do cho mi ngi s dng. Giy php Cng cng GNU ny "
"p dng cho hu ht nhng phn mm ca T chc Phn mm T do, v cho bt k "
"chng trnh my tnh no khc m tc gi ca n cam kt s dng n. (Mt s "
"phn mm khc ca T chc Phn mm T do dng Giy php Th vin Cng cng "
"GNU thay th.) Bn cng c th p dng giy php ny cho cc chng trnh do "
"bn lm ra."

#: C/gpl.xml:81
msgid ""
msgstr "Khi chng ti ni v phn mm t do, chng ti cp n s t do s dng, "
"ch khng phi l gi c. Giy php Cng cng GNU ca chng ti c thit "
"k m bo bn c quyn t do pht hnh bn sao ca phn mm t do (v "
"thu tn dch v ny nu mun), nhn m ngun hoc c kh nng ly n nu "
"bn mun, bn c th thay i phn mm hay s dng bt k on no ca n "
"trong chng trnh t do mi; v gip bn bit r l bn c th lm nhng "
"iu ny."

#: C/gpl.xml:90
msgid ""
msgstr "bo v quyn li ca bn, chng ti cn a ra nhng hn ch cm bt "
"c ai ph hnh bn c nhng quyn ny hay i hi bn t b n. Nhng s hn "
"ch ny c hiu l mt s trch nhim nht thit ca bn nu bn pht hnh "
"bn sao ca phn mm hoc sa i n."

#: C/gpl.xml:97
msgid ""
msgstr "Chng hn, nu bn pht hnh bn sao ca chng trnh nh vy, d l cho "
"khng hay thu tin, bn phi trao cho ngi nhn tt c nhng quyn bn c. "
"Bn phi chc chn l h cng nhn c hay c th ly m ngun. V bn cng "
"phi cho h bit nhng iu kin ny. h bit nhng quyn ca h."

#: C/gpl.xml:109
msgid "copyright the software, and"
msgstr "bn quyn tc gi ca phn mm, v"
offer you this license which gives you legal permission to copy, distribute
and/or modify the software.

"trao cho bn giy php ny bn c quyn hp php sao chp, pht hnh v/"
"hay sa i phn mm."

We protect your rights with two steps: <placeholder-1/>

"Chng ti bo v cc quyn ca bn qua hai bc: <placeholder-1/>"

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"problems introduced by others will not reflect on the original authors'"
"reputations."

Hn na. bo v tc gi v chnh chng ti, chng ti mun chc chn l
"mi ngi hiu rng phn mm t do ny khng c bo hnh. Nu phn mm b"
"sa i bi ngi khc v c phn pht tip, chng ti mun ngi nhn"
"bit mg ci m h c khng phi l bn gc, v vy, bt k li no do"
"ngi khc gy ra s khng lm mang ting n tc gi gc."

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"individually obtain patent licenses, in effect making the program"
"proprietary. To prevent this, we have made it clear that any patent must be"
"licensed for everyone's free use or not licensed at all."

Cui cng, chng trnh t do no cng lun b e da bi bng sng ch phn
"mm. Chng ti mun trnh nguy c vic nhng ngi pht hnh li chng"
"trnh t do s ginh bng sng ch ring, s hu chng trnh . ngn"
"nga iu ny, chng ti lm r rng bng sng ch phi cp cho mi ngi"
"s dng t do, hoc khng cp cho bt k ai ht."

The precise terms and conditions for copying, distribution and modification
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"pht hnh v sa i."

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"is not restricted, and the output from the Program is covered only if its
"contents constitute a work based on the Program (independent of having been"
"made by running the Program). Whether that is true depends on what the
"Program does."
"sot bi Giy php ny: n ngo phm vi ca giy php ny. Hnh ng chy"
"Chng trnh khng b hn ch, v d liu xut t Chng trnh ch b khng"
"ch nu ni dung c n to thnh mt sn phm da vo Chng trnh (khng"
"ph thuc vo vic vn hnh Chng trnh), iu ng hay khng ph thuc"
"vo iu m Chng trnh to ra."

Activities other than copying, distribution and modification are not covered
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contents constitute a work based on the Program (independent of having been
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"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and give any other recipients of "
"the Program a copy of this License along with the Program."

msgid """Bn c quyn sao chp v ph hnh bn sao ng quy vn ca m ngun ca "
"Chng trnh nh bn nhn n, bng bt k cch no, min l bn cng bn "
"r rng v thch ng trn mi bn sao mt thng bo tc quyn thch hp v "
"min tr bo hnh; gi quy vn mi thng bo lin quan n Giy php ny "
"v m tr bo hnh; v a cho nhng ngi nh Chng trnh khc mt bn "
"sao ca Giy php cng vi Chng trnh."

#: C/gpl.xml:183
msgid """You may charge a fee for the physical act of transferring a copy, and you "
"may at your option offer warranty protection in exchange for a fee."

msgid """Bn c th thu ph cho vic gi bn sao, v bn c th ty ngh cung "
"cp dch v bo hnh c thu ph."

#: C/gpl.xml:190
msgid "Section 2"

#: C/gpl.xml:199
msgid """You must cause the modified files to carry prominent notices stating that "
"you changed the files and the date of any change."

msgid """Bn phi lm cho mi tp tin sa i cha thng bo d thy ni rng bn "
"thay i tp tin v hnh th ng thng ca s thay i no."

#: C/gpl.xml:205
msgid """You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of "
"this License."

msgid """Bn phi lm cho sn phm m bn ph hnh huy xut bn, ton b hay mt "
"phn c cha hay bt ngun t Chng trnh hay cc phn ca n, c cp "
"ton b min ph cho ngi khc vi iu kin ca Giy php ny."

#: C/gpl.xml:223
msgid "Exception:"

#: C/gpl.xml:224
msgid ""
"If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."
msgstr "nu Chng trnh chnh n l ng tc nhng vn khng in ra li loan bo "
"nh vy, sn phm ca bn a vo Chng trnh khng bt buc phi in ra li "
"loan bo nh vy)."

#: C/gpl.xml:213
msgid ""
msgstr ""
"If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. <placeholder-1/>"
msgstr "Nu chng trnh b sa i c c ng tc lnh khi chy, bn phi lm n, "
"khi c khi chy bng c cng thng nh qua lnh tc nh vy, ln ra "
"hay hin th mt li loan bo gm c thng bo quy c gi th ch hp v "
"thng bo khng c bo hh (nu khng, ni rng bn cng cp vic bo hh) "
"v rng nghi dng c quy nh hh ln chng trnh vi nhng iu "
"kin nh, v thng tin cho nghi dng bit c ch xem mt bn sao ca Giy "
"php nh, <placeholder-1/>"

#: C/gpl.xml:191
msgid ""
msgid ""
"You may modify your copy or copies of the Program or any portion of it, thus "
"forming a work based on the Program, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</"  
"link> above, provided that you also meet all of these conditions: "
"<placeholder-1/>"
msgstr "Bn c quy nh sa i bn sao ca мнh hay ca Chng trnh hoc on no ca "
"н то мт sn phm da vo Chng trnh, v sao chp v phh hh s sa "
"i hay sn phm nh vy theo iu khon ca <link linkend="sect1">Phn 1</"  
"link> nu trn, min l bn cng tun theo tt c cc iu kin sau: "
"<placeholder-1/>"

#: C/gpl.xml:236
msgid ""
msgid ""
"These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Program, and can be "
"reasonably considered independent and separate works in themselves, then "
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Program, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

Section 3

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a medium customarily used for software interchange; or,

"Kn theo ton b m ngun tng ng m my c th c c, c phn hnh "
"vi iu kin ca <link linkend="sect1">Phn 1</link> v <link linkend="sect2">2</link> bn trn, trn thit b lu tr thng dng trao i "
"phn mm; hay"
"Accompany it with a written offer, valid for at least three years, to give "
"any third party, for a charge no more than your cost of physically "
"performing source distribution, a complete machine-readable copy of the "
"corresponding source code, to be distributed under the terms of Sections 1 "
"and 2 above on a medium customarily used for software interchange; or,"
"msgstr "Km theo li mi ghi trn giy, hp l trong t nht ba nm sau, cung cp "
"cho bt c ngi khc no, vi gi khng ln hn gi cn thit phn phit "
"cc m ngun , mt bn soa, m my c th c c, ca ton b m ngun "
"tng ng, c phit hhvi vi iu kin ca <link linkend="sect1">Phn "
"1</link> v <link linkend="sect2">2</link> bn trn, trn thit b lu tr "
"thng dng trao i phn mm; hay"

#: C/gpl.xml:287
msgid ""
"Accompany it with the information you received as to the offer to distribute "
"corresponding source code. (This alternative is allowed only for "
"noncommercial distribution and only if you received the program in object "
"code or executable form with such an offer, in accord with Subsection b "
"above.)"
"msgstr "Km theo cc thng tin bn nhn v li mi phpt hnh m ngun tng ng. "
"(Ty chn ny ch c php khi phpt hnh khng thng mi, v ch khí bn "
" nhn chng trnh trong dng thc m i tng hay tp tin chy c cng "
"vi li mi nh vy, ty theo Phn ph (b) trn)."

#: C/gpl.xml:263
msgid ""
"You may copy and distribute the Program (or a work based on it, under <link "
"linkend="sect2">Section 2</link>) in object code or executable form under "
"the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following: "
"<placeholder-1/>"
"msgstr "Bn c quyn sao chp v phpt hnh Chng trnh (hoc sn phm da vo n, "
"di <link linkend="sect2">Phn 2</link>) trong dng thc m i tng hay "
"tp tin chy c vi iu kin ca <link linkend="sect1">Phn 1</link> v "
"<link linkend="sect2">2</link> bn trn, min l bn cng lm mt trong s "
"nhng vic sau y: <placeholder-1/>"

#: C/gpl.xml:297
msgid ""
"The source code for a work means the preferred form of the work for making "
"modifications to it. For an executable work, complete source code means all "
"the source code for all modules it contains, plus any associated interface "
"definition files, plus the scripts used to control compilation and "
"installation of the executable. However, as a special exception, the source "
"code distributed need not include anything that is normally distributed (in "
"either source or binary form) with the major components (compiler, kernel, "
"and so on) of the operating system on which the executable runs, unless that "
"component itself accompanies the executable."
msgstr "M ngun ca sn phm c ngha l dng the sn phm c a thch khi sa"
"i n. i vi sn phm l tp tin chy c, ton b m ngun c ngha l"
"tt c cc m ngun cho mi m-un cha, cng vi bt c tp tin xc nh"
"giau dng tng ng, cng vi cc tp lnh c dng iu khin tin"
"trnh bin dch v ci t tp tin chy c. Tuy nhin, ngoi l c bit"
"I m ngun c pht hnh khng cn phi bao gm nhng g c pht hnh"
"bnh thng (trong dng the hoc ngun hoc nh phn) vi cc thnh phn"
"chnh (b bin dch, ht nhn v.v.) ca h iu hnh ni tp tin chy c"
"hot ng, tr khi thnh phn km theo cn thit chy tp tin."

#: C/gpl.xml:307
msgid ""
msgstr ""
"If distribution of executable or object code is made by offering access to"
"copy from a designated place, then offering equivalent access to copy the"
"source code from the same place counts as distribution of the source code,"
"even though third parties are not compelled to copy the source along with"
"the object code."
msgstr "Nu vic pht hnh m chy c hay m i tng c lm bng cch trao"
"truy cp sao chp t mt ni xc nh, th vic trao cc truy cp sao"
"chp tng ng n m ngun t cng ni c thnh l s pht hnh m"
"ngun, mc d ngi khc khng bt buc phi sao chp m ngun cng vi m"
"i tng."

#: C/gpl.xml:316
msgid "Section 4"
msgstr "Phn 4"

#: C/gpl.xml:318
msgid ""
msgstr ""
"You may not copy, modify, sublicense, or distribute the Program except as"
"expressly provided under this License. Any attempt otherwise to copy,"
"modify, sublicense or distribute the Program is void, and will automatically"
"terminate your rights under this License. However, parties who have received"
"copies, or rights, from you under this License will not have their licenses"
"terminated so long as such parties remain in full compliance."
msgstr "Khng cho php bn sao chp, sa i, cp giy php ph hay pht hnh Chng"
"trnh, tr vi iu kin c din t dt khot trong Giy php ny. Bt k"
"s c gng no trong vic sao chp, sa i, cp giy php ph hay pht hnh"
"Chng trnh bng cch khc b bi b, v s kt the cc quyn ca bn d"
"Giy php ny. Tuy nhin, ngi khc nhn bn sao hay quyn t bn d"
"Giy php ny s khng b nh hng, min l h tip tc tun theo hon ton."

#: C/gpl.xml:328
msgid "Section 5"
msgstr "Phn 5"

#: C/gpl.xml:330
msgid ""
"You are not required to accept this License, since you have not signed it."
"However, nothing else grants you permission to modify or distribute the"
"Program or its derivative works. These actions are prohibited by law if you"
"do not accept this License. Therefore, by modifying or distributing the"
"Program (or any work based on the Program), you indicate your acceptance of"
"this License to do so, and all its terms and conditions for copying."
"distributing or modifying the Program or works based on it."

msgid "Section 6"
msgstr "Phần 6"

msgid "Each time you redistribute the Program (or any work based on the Program),"
"the recipient automatically receives a license from the original licensor to"
"copy, distribute or modify the Program subject to these terms and"
"conditions. You may not impose any further restrictions on the recipients'
"exercise of the rights granted herein. You are not responsible for enforcing"
"compliance by third parties to this License."

msgid "Section 7"
msgstr "Phản 7"

msgid "If, as a consequence of a court judgment or allegation of patent"
"infringement or for any other reason (not limited to patent issues),"
"conditions are imposed on you (whether by court order, agreement or"
"otherwise) that contradict the conditions of this License, they do not"
"excuse you from the conditions of this License. If you cannot distribute so"
"as to satisfy simultaneously your obligations under this License and any"
"other pertinent obligations, then as a consequence you may not distribute"
"the Program at all. For example, if a patent license would not permit"
"royalty-free redistribution of the Program by all those who receive copies"
"directly or indirectly through you, then the only way you could satisfy both"
"it and this License would be to refrain entirely from distribution of the"
"Program."

msgstr "Nu, do kt qu ca quyt nh ca to n hay cc co buc vi phm bng sng"
"ch hay v bt c l do no (khng b gii hn trong vn bng sng ch),"
"bn b p buc chp nhn iu kin (hoc v quyt nh ca to n, s tho)"
"thun hoc chh khc no) m mu thun iu kin ca Giy php ny, trng"
"hp ny khng min cho bn khng phi tha mn iu kin ca Giy php ny."
"Nu bn khng th pt hh bng chh th ca mn ng thi cc giao c ca"
"bn di Giy php ny v bt k giao c thch hp khc, th kt qu l"
"khng cho php bn pt hh Chng trnh bng chh no c. Ly th d, nu"
"mt bng sng ch no khng cho php s pt hh li Chng trnh mt"
"cch min tin bn quyn pt mhnh cho mi ngi nhn bn sao t bn mt"
"cch trc tip hay gin tip, th cch duy nh bn c th tha c bng"
"v Giy php ny l hon ton khng pt hh Chng trnh."

#: C/gpl.xml:367
msgid ""
msgstr ""
"If any portion of this section is held invalid or unenforceable under any"
"particular circumstance, the balance of the section is intended to apply and"
"the section as a whole is intended to apply in other circumstances."

msgstr "Nu on trong phn ny c quyt nh l khng hp l hay khng th"
"c p buc trong bt k trng hp ring no, on cn li d nh p dng"
"c, v ton b phn d nh p dng trong cc trng hp khc."

#: C/gpl.xml:373
msgid ""
msgstr ""
"It is not the purpose of this section to induce you to infringe any patents"
"or other property right claims or to contest validity of any such claims;"
"this section has the sole purpose of protecting the integrity of the free"
"software distribution system, which is implemented by public license"
"practices. Many people have made generous contributions to the wide range of"
"software distributed through that system in reliance on consistent"
"application of that system; it is up to the author/donor to decide if he or"
"she is willing to distribute software through any other system and a"
"licensee cannot impose that choice."

msgstr "Khng phi l mc ch ca phn ny xi gic bn vi phm bng sng ch"
"no hay li yu sch quytn ti sn khc, hoc khng tha nhn s hp l"
"ca li yu sch nh vy; phn ny c mc ch duy nh t l bo v trnh trng"
"nguyn vn ca h thng pt hh phn mm t do, m chc thi bi cc"
"p dng giy php cng cng. Nhiu ngi ng gp rng lhng cho mt phm"
"v rng ca cc phn mm c pt hh quh a h thng , nh s thc thi nn"
"b h thng : ty tc gi / ngi trng quytn nh nu h munn phh hh"
"phm mm qua h thng khc no, v ngi c cp Giy php khng th iu"
"khin cch quytn nh."

#: C/gpl.xml:383
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"the Free Software Foundation. If the Program does not specify a version",
"number of this License, you may choose any version ever published by the",
"Free Software Foundation."
msgid "Mi phin bn c gn mt s hiu phn bit phin bn . Nu Chng trnh"
"xc nh s phin bn ring ca Giy php ny p dng cho n, v bt k"
"phin bn sau no , bn c ty chn tha iu kin hoc ca phin bn ,"
"hoc ca bt k phin bn sau no c xut bn bi T chc Phn mm T do. "
"Nu Chng trnh khng xc nh s phin bn ring ca Giy php ny, bn c"
"kh ng ng nh bt k phin bn no ca Giy php ny c xut bn bi T"
"chc Phn mm T do."

#: C/gpl.xml:420
msgid "Section 10"
msgstr "Phn 10"

#: C/gpl.xml:422
msgid ""
msgstr ""
"If you wish to incorporate parts of the Program into other free programs",
"whose distribution conditions are different, write to the author to ask for",
"permission. For software which is copyrighted by the Free Software",
"Foundation, write to the Free Software Foundation; we sometimes make",
"exceptions for this. Our decision will be guided by the two goals of",
"preserving the free status of all derivatives of our free software and of",
"promoting the sharing and reuse of software generally."
msgid "Nu bn mun hp nht phn no ca Chng trnh vo chng trnh t do khe"
"c iu kin pht hnh khe GPL, hy xin php tc gi. i vi phn mm c"
"bn quyn tc gi ca T chc Phn mm T do, hy vit th cho T chc Phn"
"mm T do : thng thong chng ti cho php ngoi l trong trng hp ny."
"Quyt nh ca chng ti s c hng dn bi hai mc ch l s bo tu"
"trng thi t do ca mi iu bt ngun t phn mm t do ca chng ti, v"
"s y mnh s chia s v s dng li phn mm mt cch chung."

#: C/gpl.xml:432
msgid "NO WARRANTY"
msgstr "KHNG BO HNH"

#: C/gpl.xml:433
msgid "Section 11"
msgstr "Phn 11"

#: C/gpl.xml:435
msgid ""
msgstr ""
"BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE",
"PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE",
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE",
"PROGRAM <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED",
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF",
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "

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"THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM " 
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR " 
"CORRECTION."

msgid "V CHNG TRNH C CP PHP MIN PH, KHNG C BO HNH I VI CHNG " 
msgstr "V CHNG TRNH C CP PHP MIN PH, KHNG C BO HNH I VI CHNG " 
"TRNH NY, VI IU KIN C PHP LUT CHO PHP, TR KHI XC NH KHC BNG " 
"TI LIU GIY T, CC NGI GI BN QUYN TC GI V/HAY NGI KHC CUNG CP " 
"CHNG TRNH NY NH TH , KHNG C BO HNH G C, KHNG PHT BIU N, " 
"CNG KHNG NG N, GM, NHNG KHNG B HN CH BI, S BO M NG " 
"TNH TRNG C TH BN C V S THCH HP VI MT MC CH DT KHOT. MI " 
"RI RO V CHT LNG, CHNH XC V HIU SUT CA CHNG TRNH NY BN S " 
"T CHU. NU CHNG TRNH NY GY RA H HNG, BN GNH VC HON TON TRCH " 
"NGHIM TR TIN DCH V GIP HAY SA CHA."

#: C/gpl.xml:446
msgid "Section 12"
msgstr "Phn 12"

#: C/gpl.xml:448
msgid "IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL " 
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE " 
"THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY " 
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE " 
"OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA " 
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD " 
"PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), " 
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF " 
"SUCH DAMAGES."

msgid "KHNG C TRNG HP NO (TR KHI PHP LUT YU CU HAY KHI C THA THUN " 
"NGI TH SA I V/HAY PHT HNH LI CHNG TRNH NH C " 
"PHP BN TRN, S C TRCH NHIM V PHP L BI THNG, GM BT K BI " 
"THNG KIU TNG QUT, C BIT, NGU NHIN HAY DO HU QU DO S DNG HAY S " 
"KHNG C KH NN S DNG CHNG TRNH NY (GM NHNG KHNG PHI B HN TH " 
"BI S MT D LIU HAY D LIU B LM CHO KHNG CHNH XC HAY CC MT MT " 
"CA BN HAY NGI KH C HAY S KHNG HOT NG C CHNG TRNH NY VI " 
"CHNG TRNH KHC), THM CH NU BN HAY NGI KHC C BO BIT C KH " 
"NGHIM THIT HI NH VY."

#: C/gpl.xml:0

#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
msgid "translator-credits"
msgstr "Clytie Siddall <clytie@riverland.net.au>, 2006-2007. Trn Th Trung " 
"<tttrung@hotmail.com>, 2006."

#
msgid "" 
msgstr ""

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"quote> nedan syftar p godtycklig handbok eller verk. Var och en r "
"licenstagare och benämns som <quote>du</quote>.

#. (itstool) path: sect1/para
#: C/index.docbook:107
msgid ""
"A <quote>Modified Version</quote> of the Document means any work containing "
"the Document or a portion of it, either copied verbatim, or with "
"modifications and/or translated into another language."
msgstr ""
"En <quote>frändrad version</quote> av dokumentet avser varje verk som "
"innehiller dokumentet eller en del av det, antingen ordagranna kopior, eller "
"med ändringar och/eller versatt till ett annat språk."

#. (itstool) path: sect1/para
#: C/index.docbook:114
msgid ""
"A <quote>Secondary Section</quote> is a named appendix or a front-matter "
"section of the <link linkend=\"fdl-document\">Document</link> that deals "
"exclusively with the relationship of the publishers or authors of the "
"Document to the Document's overall subject (or to related matters) and "
"contains nothing that could fall directly within that overall subject. (For "
"example, if the Document is in part a textbook of mathematics, a Secondary "
"Section may not explain any mathematics.) The relationship could be a matter "
"of historical connection with the subject or with related matters, or of "
"legal, commercial, philosophical, ethical or political position regarding "
"them."
msgstr ""
"Ett <quote>sekundrt avsnitt</quote> r en mrkt bilaga eller frord till "
"<link linkend="fdl-document">dokumentet</link> som exklusivt behandlar "
"frhllandet mellan dokumentets frlgare eller frfattare och dokumentets "
"huvudsakliga mne (eller till relaterade mnen) och som inte innehiller "
"ngot som direkt faller under det huvudsakliga mnet. (Sledes, om "
"dokumentet delvis r en labok i matematik s fr ett sekundrt avsnitt "
"inte frklara ngn matematik.) Frhllandet kan vara en historisk koppling "
"till mnet eller ngot relaterat, eller en juridisk, kommersiell, "
"filosofisk, etisk eller politisk stillning till det."

#. (itstool) path: sect1/para
#: C/index.docbook:129
msgid ""
"The <quote>Invariant Sections</quote> are certain <link linkend=\"fdl-" "secondary\"> Secondary Sections</link> whose titles are designated, as being "
"those of Invariant Sections, in the notice that says that the <link linkend="\"fld-document\">Document</link> is released under this License."

msgid ""

"De <quote>ofrnderliga avsnitten</quote> r <link linkend="\"fld-secondary"">sekundra avsnitt</link> vars titlar r angivna som ofrnderliga avsnitt "
"i meddelandet som stadgar att <link linkend="\"fld-document\">dokumentet</link> <link linkend="\"fld-reference"">r utgivet under denna licens</link> [det engelska originalet]."

#. (itstool) path: sect1/para
#: C/index.docbook:138
msgid ""

"The <quote>Cover Texts</quote> are certain short passages of text that are "
"listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says "
"that the <link linkend="\"fld-document\">Document</link> is released under "
"this License." 

msgid ""

"<quote>Omslagstexterna</quote> r speciella korta ordfljder som r listade "
"som framsidestexter eller baksidestexter i meddelandet som stadgar att <link "
"linkend="\"fld-document\">dokumentet</link> <link linkend="\"fld-reference"">r utgivet under denna licens</link> "
"[det engelska originalet]."

#. (itstool) path: sect1/para
#: C/index.docbook:146
msgid ""

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"input to text formatters. A copy made in an otherwise Transparent file "
"format whose markup has been designed to thwart or discourage subsequent "
"modification by readers is not Transparent. A copy that is not "
"<quote>Transparent</quote> is called <quote>Opaque</quote>."

msgid ""

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"till textformaterare eller fr automatisk konvertering till en mngd format "
"som passar som indata till textformaterare. En kopia i ett fr vrigt "
"transparent filformat vars markeringar, eller avsaknad av markeringar, har "
"ordnats fr att hindra eller motverka att vidare frndring vidtas av Isare "
"r inte transparent. Ett bildformat r inte transparent om det anvnds fr "
"ngon betydande del text. En kopia som inte r <quote>transparent</quote>"
"kallas <quote>opak</quote>.

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"a publicly available DTD, and standard-conforming simple HTML designed for "
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"formats that can be read and edited only by proprietary word processors,"
"SGML or XML for which the DTD and/or processing tools are not generally "
"available, and the machine-generated HTML produced by some word processors "
"for output purposes only."

"Exempel p passande format fr transparenta kopior innefattar ren ASCII utan "
"markeringar, Texinfo indataformat, LaTeX indataformat, SGML eller XML som "
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"eller PDF utformat fr mnsklig frndring. Exempel p transparenta "
"bildformat innefattar PNG, XCF och JPG. Opaka format innefattar "
"leverantsspecifika format som bara kan lsas och editoras med "
"leverantsspecifika ordbehandlare, SGML eller XML fr vilket DTD och/eller "
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"means the text near the most prominent appearance of the work's title,"
"preceeding the beginning of the body of the text."

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"sdana drp fljande sidor som krvs fr att gra det material som enligt "
"denna licens skall synas p titelsidan Isbart. Fr verk i sdana format som "
"inte har ngn egentlig titelsida, avses med <quote>titelsida</quote> den "
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"vrigt uppfyller dessa krav kan anses vara ordagrann kopiering i andra "
"avseenden."

#. (itstool) path: sect1/para
#: C/index.docbook:230
msgid ""
"If the required texts for either cover are too voluminous to fit legibly, "
"you should put the first ones listed (as many as fit reasonably) on the "
"actual cover, and continue the rest onto adjacent pages." 
msgstr ""

"Om de obligatoriska texterna fr ngot omslag r fr omfattande fr att "
"rymmas i Isbart skall skall du placera de frsta (s mnga som fr plats) "
"p det egentliga omslaget, och fortsatta med resten p de direkt "
"intilliggande sidorna."

#. (itstool) path: sect1/para
#: C/index.docbook:237
msgid ""

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"skall frblti tillgänglig p angivna platsen till tminstone ett r efter den " 
"sista gngen du spred en opak kopia (direkt eller via ombud eller " 
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"en kopia av den. Utver detta mste du gra fljande med den ndrade " 
"versionen:" 

#. (itstool) path: listitem/para 
#: C/index.docbook:282 
msgid "" 
"Use in the <link linkend="fdl-title-page">Title Page</link> (and on the " 
"covers, if any) a title distinct from that of the <link linkend="fdl-" 
"document">Document</link>, and from those of previous versions (which " 
"should, if there were any, be listed in the History section of the " 
"Document). You may use the same title as a previous version if the original " 
"publisher of that version gives permission." 
msgstr "" 
P <link linkend="fdl-title-page">titelsidan</link> (och omslagen om det " 
"finns nga) anvnda en titel skild frn den som [original]<link linkend="fdl-" 
"document">dokumentet</link> har, och skild frn tidigare versioners " 
"titel (som skall, om det finns nga, finnas listade i historikavsnittet i " 
"dokumentet). Du ger anvnda samma titel som det fregende dokumentet om " 
"den ursprungliga utgivaren ger sitt tillstnd." 

#. (itstool) path: listitem/para 
#: C/index.docbook:295 
msgid "" 
"List on the <link linkend="fdl-title-page">Title Page</link>, as authors, " 
"one or more persons or entities responsible for authorship of the " 
"modifications in the <link linkend="fdl-modified">Modified Version</link>, " 
"together with at least five of the principal authors of the <link linkend="fdl-document">Document</link> (all of its principal authors, if it has " 
"less than five)." 
msgstr "" 
"Lista p <link linkend="fdl-title-page">titelsidan</link>, som frfattare, " 
"en eller flera personer eller juridiska personer som ansvarat fr " 
"fnndringarna i den <link linkend="fdl-modified">frndrade versionen</link> " 
"link>, tillsammans med minst fem av de huvudsakliga frfattarna av <link " 
"linkend="fdl-document">dokumentet</link> (alla dess huvudsakliga " 
"frfattare, om det har mindre n fem)." 

#. (itstool) path: listitem/para 
#: C/index.docbook:307 
msgid "" 
"State on the <link linkend="fdl-title-page">Title Page</link> the name of " 
"the publisher of the <link linkend="fdl-modified">Modified Version</link>, " 
"as the publisher." 
msgstr "" 
"Ange namnet p utgivaren av den <link linkend="fdl-modified">frndrade " 

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"versionen" link, som utgivare, p <link linkend="fdl-title-page"/>
<title>titelsidan</link>.

#. (itstool) path: listitem/para
#: C/index.docbook:316
msgid ""
msgid "Preserve all the copyright notices of the <link linkend="fdl-document"
<title>Document</title>.
msgstr ""
msgid "Bibehlla <link linkend="fdl-document">dokumentets</link> alla "
"upphovsrtsklausuler."

#. (itstool) path: listitem/para
#: C/index.docbook:323
msgid ""
msgid "Add an appropriate copyright notice for your modifications adjacent to the "
"other copyright notices."
msgstr ""
msgid "Lgga till en upphovsrtsklausul fr dina frndringar angrnsande till de "
"andra upphovsrtsklausulerarna."

#. (itstool) path: listitem/para
#: C/index.docbook:330
msgid ""
msgid "Include, immediately after the copyright notices, a license notice giving "
"the public permission to use the <link linkend="fdl-modified">Modified "
"Version</link> under the terms of this License, in the form shown in the "
"Addendum below."
msgstr ""
msgid "Direkt efter upphovsrtsklausulerarna innefatta ett meddelande som ger "
"allmheten tillstnd att anvnda den <link linkend="fdl-modified">frndrade versionen</link> under villkoren i denna licens [det engelska "
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"tillknnagivanden och/eller dedikationer gjorda av varje bidragare."

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"text and in their titles. Section numbers or the equivalent are not 
"considered part of the section titles."

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"link>.

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#. (itstool) path: sect1/para
#: C/index.docbook:463
msgid ""
msgstr ""
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msgstr ""
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#. (itstool) path: sect1/title
#: C/index.docbook:473
msgid "COMBINING DOCUMENTS"
msgstr "KOMBINERA DOKUMENT"

#. (itstool) path: sect1/para
#: C/index.docbook:474
msgid ""
msgstr ""
"You may combine the <link linkend="dokumentet">dokumentet</link> with ""other documents released under this License, under the terms defined in ""section 4</link> above for modified versions, ""provided that you include in the combination all of the <link linkend="invariant">invariant</link> Sections</link> of all of the original documents, ""unmodified, and list them all as Invariant Sections of your combined work in ""its license notice."
msgstr ""
"Du ger kombinera <link linkend="dokumentet">dokumentet</link> med andra ""dokument som r utgivna under denna licens, under de villkor som definieras ""i <link linkend="paragraf">paragraf</link> 4 av GNU Free Documentation ""License for frmdrade versioner, frutsatt att du i det kombinerade ""
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"unique by adding at the end of it, in parentheses, the name of the original "
"author or publisher of that section if known, or else a unique number. Make "
"the same adjustment to the section titles in the list of Invariant Sections "
"in the license notice of the combined work."

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"quote> in the various original documents, forming one section entitled "
"<quote>History</quote>; likewise combine any sections entitled "
"<quote>Acknowledgements</quote>, and any sections entitled "
"<quote>Dedications</quote>. You must delete all sections entitled "
"<quote>Endorsements.</quote>"

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"<link> enligt <link linkend=""fdl-section3">paragraf 3</link> r tillmpligt "
"p dessa kopior av dokumentet, s kan dokumentets omslagstexter, om "
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"till omslag om dokumentet r i elektronisk form. Annars mste de synas p "
"det omslag som omger hela samlingen."

#. (itstool) path: sect1/title
#: C/index.docbook:554
msgid "TRANSLATION"
msgstr "VERSTTNING"

#. (itstool) path: sect1/para
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msgid ""
"Translation is considered a kind of modification, so you may distribute "
"translations of the <link linkend=""fdl-document">Document</link> under the "
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"of this License. In case of a disagreement between the translation and the "
"original English version of this License, the original English version will "
"prevail."
msgid ""
"versttning anses vara en sorts frndring, s du ger sprida "
"versttningar av <link linkend=""fdl-document">dokumentet</link> enligt de "
"villkor som stts i <link linkend=""fdl-section4">paragraf 4</link>. <link "
"linkend=""fdl-invariant">Ofrnderliga avsnitt</link> som ersfts med "
"versttningar krver tillstnd frn deras upphovsrttsinnehavare, men du "
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"just after the title page:"

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Maxim Dziumanenko <dziumanenko@gmail.com>, 2005, 2007
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"share and change it. By contrast, the GNU General Public License is intended 
"to guarantee your freedom to share and change free software - to make sure 
"the software is free for all its users.

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"whose authors commit to using it. (Some other Free Software Foundation 
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"software is covered by the GNU Library General Public License instead.) You "
"can apply it to your programs, too."

msgstr ""
"" "
". "
" GNU "
" "
" " ( Free Software Foundation FSF, "
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" GNU "
" (GNU Library General Public License, . ) "
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#: ../C/gpl.xml:81(para)
msgid ""
msgstr ""
"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."

msgstr ""
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#: ../C/gpl.xml:90(para)
msgid ""
msgstr ""
"To protect your rights, we need to make restrictions that forbid anyone to "
"deny you these rights or to ask you to surrender the rights. These "
"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it."

msgstr ""
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For example, if you distribute copies of such a program, whether gratis or not for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

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You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an "announcement."
"If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. <placeholder-1/>"

msgid ""
msgstr ""
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#: ../C/gpl.xml:191(para)
msgid ""
msgstr ""
"You may modify your copy or copies of the Program or any portion of it, thus "
"forming a work based on the Program, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</" 
"link> above, provided that you also meet all of these conditions: "
"<placeholder-1/>"

msgid ""
msgstr ""
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"<link linkend="sect1"> 1 </link> , , "
" :<placeholder-1/>"

#: ../C/gpl.xml:236(para)
msgid ""
msgstr ""
"These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Program, and can be "
"reasonably considered independent and separate works in themselves, then "
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Program, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."

msgid ""
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage medium does not bring the other work under the scope of this License.

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code with such an offer, in accord with Subsection b above.)

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The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source
"code distributed need not include anything that is normally distributed (in "
"either source or binary form) with the major components (compiler, kernel, "
"and so on) of the operating system on which the executable runs, unless that "
"component itself accompanies the executable."

#: ../C/gpl.xml:307(para)
msgid ""
msgstr ""
"If distribution of executable or object code is made by offering access to "
"copy from a designated place, then offering equivalent access to copy the "
"source code from the same place counts as distribution of the source code, "
"even though third parties are not compelled to copy the source along with "
"the object code."

#: ../C/gpl.xml:316(title)
msgid "Section 4"
msgstr "4"

#: ../C/gpl.xml:318(para)
msgid ""
msgstr ""
"You may not copy, modify, sublicense, or distribute the Program except as "
"expressly provided under this License. Any attempt otherwise to copy, "
"modify, sublicense or distribute the Program is void, and will automatically "
"terminate your rights under this License. However, parties who have received "
"copies, or rights, from you under this License will not have their licenses "
"terminated so long as such parties remain in full compliance."
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"royalty-free redistribution of the Program by all those who receive copies
"directly or indirectly through you, then the only way you could satisfy both
"it and this License would be to refrain entirely from distribution of the
"Program."

msgid ""
msgstr ""
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"If any portion of this section is held invalid or unenforceable under any
"particular circumstance, the balance of the section is intended to apply and
"the section as a whole is intended to apply in other circumstances."

msgid ""
msgstr ""
" "
" = , "
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"It is not the purpose of this section to induce you to infringe any patents"
"or other property right claims or to contest validity of any such claims;"
"this section has the sole purpose of protecting the integrity of the free"
"software distribution system, which is implemented by public license"
"practices. Many people have made generous contributions to the wide range of"
"software distributed through that system in reliance on consistent"
"application of that system; it is up to the author/donor to decide if he or"
"she is willing to distribute software through any other system and a"
"licensee cannot impose that choice."

msgid ""}
" / "
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" "

#: ./C/gpl.xml:383(para)
msgid ""
# This section is intended to make thoroughly clear what is believed to be a"
"consequence of the rest of this License."

msgid ""}
" / "
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" "

#: ./C/gpl.xml:390(title)
msgid "Section 8"
msgid " 8"

#: ./C/gpl.xml:392(para)
msgid ""
"If the distribution and/or use of the Program is restricted in certain"
"countries either by patents or by copyrighted interfaces, the original"
"copyright holder who places the Program under this License may add an"
"explicit geographical distribution limitation excluding those countries, so"
"that distribution is permitted only in or among countries not thus excluded."
"In such case, this License incorporates the limitation as if written in the"
"body of this License."

msgid ""}
" / "
" "
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For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.
"Například, te-li kopie takovho programu, a ji zdarma nebo za poplatek, musíte poskytnout "
pjemi vechna prva, kter měte sm. Musíte zaručit, e pjemi rovn dostanou anebo "
mohou získat zdrojov kd. A musíte jim ukázat tyto podmínky, aby znali sv prva."

msgid "copyright the software, and"
msgstr "autORIZAC SOFTWARU A"

msgid "offer you this license which gives you legal permission to copy, distribute and/or modify the software."
msgstr "NABDKOU TTO LICENCE, KTER VM DV PŘVOPLATN SVOLEN KE KOPROVN, EN A MODIFIKACI SOFTWARU."

msgid "We protect your rights with two steps: <placeholder-1/>"
msgstr "VAE PŘVOPLATN SVOLEN KE KVÍ CNEM AC DVOU KROČCH: <placeholder-1/>"

msgid "Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations."
msgstr "KVLI OCHRAN KADHO AUTORA I NS SAMOTNCH CHCME ZAJISTIT, AKBY KAD CHPAL SKUTEŇOST, E PRO SVOBODN SOFTWARE NEPLAT DŇ ZRUKY. JE-LI SOFTWARE NKM JINNM MODIFIKOVN A POSLN DLE, CHCME, AKBY PJEMCI VDLI, E TO, CO MAJ, NEN ORIGINL, TAKE JAKKOLIV PROBLMY VNEN JINNI SE NEODRAZ NA REPUTACI PVODNCH AUTOR."

msgid "Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all."
msgstr "KONE, KAD SVOBODN PROGRAM JE NEUSTLE OHRONE SOFTWAREVMI PATENTY. PEJEME SI ZAMEZIT "
"NEBEZPEČE, E REDISTRIBUTOI SVOBODNO PROGRAMU OBDR SAMOSTATN PATENTOV OSVDEN A TM "
"UIN PROGRAM VZANM. ABYCHOM TOMU ZAMEZILI, DEKLAROVALI JSME, E KAD PATENT MUS BT BU "
"VYDN S TM, E UMÖJE KADMU SVOBODN UI, ANEO NESM BT VYDN VBEC."

msgid "The precise terms and conditions for copying, distribution and modification follow."
msgstr "PESN USTANOVEN A PODMNKY PRO KOPROVN, EN A MODIFIKACI JSOU UVEDENY DLE."
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Jin innosti ne koprovn, en a modifikace nejsou pokryty touto licenc; sahaj mimo jej "rmec. Akt sputn programu nen omezen a vstup z programu je pokryt pouze tehy, jestlie "obsah vstupu tv dlo zaloen na programu (nezvisle na tom, zda bylo vyvreno innost "programu). Posouzen platnosti pedchoz vty zvis na tom, co program dl.

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Smte koprovat a it doslovn kopie zdrojovho kdu programu tak, jak jste jej obdrel a na "libovoln mdu, za pedpokladu, e na kad kopii viditeln a nejt zvejn zmnnku o "autorskch prvech a absenci zruky; ponechte nedoten vechy zmnnky vztahujc se k tto "licenci a k absenci zruky; a dte kadmu pjemi spolu s programem kopii tto licence.

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Za fyzick akt penesen kopie mete dat poplatek a podle vlastnho uven mete nabdnout za poplatek zrun ochranu."
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You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

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"Mete modifikovat vai kopii i kopie programu anebo kterkoliv jeho sti, a tak vytvoit dlo "  
"zaloen na programu a koprova a roziovan takov modifikace i dlo podle podmnek "paragrafu 1 ve, za pedpokladu, e splnte vechny tyto podmnky:"
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distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole
must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to
each and every part regardless of who wrote it.

thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you;
rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the
Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work
based on the Program) on a volume of a storage or distribution medium does not bring the other work under the
scope of this License.

Accompany it with the complete corresponding machine-readable source code, which must be distributed
under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a
medium customarily used for software interchange; or,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more
than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding
source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software
interchange; or,

msgstr "Doprovodte jej psenmou nabdkou s platnost nejmn ti roky, podle n poskytnete jakkoli tet stran, za poplatek nepevyuj vae vdaje vynaloen na fyickou vrobou zdrojov distribuje, kompletn strojov itelnou kopii odpovdajcho zdrojovho kdu, jen mus bt en podle ustanoven paragraf 1 a 2 ve na mdu bn pouvnam pro vnmu softwaru; nebo"

#: C/gpl.xml:287(para)
msgid "Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)"

msgid "You may copy and distribute the Program (or a work based on it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following: <placeholder-1/>"

#: C/gpl.xml:307(para)
msgid "Je-li en objektovho nebo spustitelnho kdu inno nabdkou pstupu ke koprovz u ritho "

msgstr ""
Section 4

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This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.
Section 8

If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

Section 9

The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software
Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be
guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the
sharing and reuse of software generally."

"Pokud si pejete zahrnout sti programu do jinich svobodnch program, jejich distribun "
"podmnky jsou odlin, zaleten autorovi dost o povolen. V ppad softwaru, k nmu vlastn "
"autorsk prva Free Software Foundation, napite Free Software Foundation; nkdy inme vjimky ze zde uvedench
ustanoven. Nae rozhodnut bude vedeno dvma cli: zachovnin svobodn povahy vech odvozenin naeho svobodnho
softwaru a podporou sdlen a optvnho vyuit softwaru obecn."
BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER
OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES."

msgstr ""
"V DNM PPAD, S VJIKKOU TOHO, KDY TO VYADUJE PLATN ZKON, ANEBO KDY TO BYLO PSEM
ODSOULASENO, VM NEBUDE DN Z DRITEL AUTORSKCH PRV ANI DN JIN STRANA, KTER SM
MODIFIKOVAT I IT PROGRAM V SOULADU S PEDCHOZMI USTANOVENMI, ODPOVDNI ZA KODY,
VETN VECH OBECNCH, SPECILNCH, NAHODILNEK NO SELEDNC Z UVN
ANEBO NESCHOPNOSTI UVAT PROGRAMU (VETN, ALE NIKOLI JEN, ZTRTY NEBO ZKRESLEN DAT,
"NEBO TRVALCH ZPOSOBENCH VM NEBO TETM STRANM, NEBO SELHN FUNKCE PROGRAMU V
SOUINNOSTI S JINMI PROGRAMY), A TO I V PPAD, E TAKOV DRITEL AUTORSKCH PRV NEBO JIN
STRANA BYLI UPOZORNNI NA MONOST TAKOVCH KOD."

#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
#: C/gpl.xml:0(None)
msgid "translator-credits"
msgstr "http://www.gnu.cz/ <info@gnu.cz>, 2005."
# Hungarian translation of lgpl
# Copyright (C) 2007, 2011. Free Software Foundation, Inc.
# This file is distributed under the same license as the gnome-desktop package.
# # Kalman Kemenczy <kkemenczy at novell dot com>, 2007.
msgid ""
msgstr ""
"Project-Id-Version: lgpl master\n"
"POT-Creation-Date: 2012-08-18 21:44+0000\n"
"PO-Revision-Date: 2012-09-13 14:55+0200\n"
"Last-Translator: Gabor Kelemen <kelemeng at gnome dot hu>\n"
"Language-Team: Hungarian <kde-110n-hu@kde.org>\n"
"Language: hu\n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=UTF-8\n"
"Content-Transfer-Encoding: 8bit\n"
"X-Generator: Lokalize 1.4\n"
"Plural-Forms: nplurals=2; plural=(n != 1)\n"

#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2
#| msgid "translator-credits"
msgid ""
msgctxt "_"
msgid "translator-credits"
msgstr "Kalman Kemenczy <kkemenczy at novell dot com>, 2007"

#: C/index.docbook:17(articleinfo/title)
msgid "GNU Lesser General Public License"
msgstr "GNU Lesser General Public License"

#: C/index.docbook:18(articleinfo/copyright)
The licenses for most software are designed to take away your freedom to "share and change it. By contrast, the GNU General Public Licenses are "intended to guarantee your freedom to share and change free software - to "make sure the software is free for all its users."

When we speak of free software, we are referring to freedom, not price. Our "General Public Licenses are designed to make sure that you have the freedom "to distribute copies of free software (and charge for this service if you "wish), that you receive source code or can get it if you want it, that you "can change the software or use pieces of it in new free programs; and that "you know you can do these things."

A szabad szoftver megjells nem jelenti azt, hogy a szoftvernek nem lehet "ra. A GPL licencek clja, hogy garantlja a szabad szoftver msolatainak "szabad terjesztst (s eszolgltatsrt akr dj felszmtst), a "forrskd elhetsgt, hogy brki szabadon mdosthassa a szoftvert, vagy "
"felhasználhass a rszeit j szabad programokban; s hogy msok "
"megismerhess ezt a lehetsget."

#: C/index.docbook:79(sect1/para)
msgid ""
msgstr ""
“This license, the Lesser General Public License, applies to some specially "
"designated software packages--typically libraries--of the Free Software "
"Foundation and other authors who decide to use it. You can use it too, but "
"we suggest you first think carefully about whether this license or the "
"ordinary General Public License is the better strategy to use in any "
"particular case, based on the explanations below."
msgstr ""
"Ez a licenc, a Lesser General Public License (LGPL) vonatkozik a Free "
"Software Foundation specilisan kialaktott szoftvercsomagjaira - jellemzen "
"programknyvtakra -, illetve minden olyan szoftvercsomagra, amelynek "
"szerze gy dnt, hogy ezt hasznlja a szerzi jog megjellsekor. n is "
"hasznhatja, de azt javasoljuk, az albbi magyarzatok alapjn elszr "
"gondolja t, hogy ez a licenc, vagy a szoksos GPL (GNU General Public "
"License) szmt-e jobb kvetend stratginak."

#: C/index.docbook:88(sect1/para)
msgid ""
msgstr ""
“When we speak of free software, we are referring to freedom of use, not "
"price. Our General Public Licenses are designed to make sure that you have "
"the freedom to distribute copies of free software (and charge for this "
"service if you wish); that you receive source code or can get it if you want "
"it; that you can change the software and use pieces of it in new free "
"programs; and that you are informed that you can do these things."n
msgstr ""
"A szabad szoftver megjells nem jelenti azt, hogy a szoftvernek nem lehet "
"ra. A GPL licencnek elja, hogy garantija a szabad szoftver msolatainak "
"szabad terjesztst (s e szolgltatsr akr dj felszmtst), a "
"forrskd elhetsgt, hogy brki szabadon mdosthassa a szoftvert, vagy "
"felhasznlhassa a rszeit j szabad programokban; s hogy msok "
"megismerhessk ezt a lehetsget. "

#: C/index.docbook:98(sect1/para)
msgid ""
msgstr ""
“To protect your rights, we need to make restrictions that forbid "
"distributors to deny you these rights or to ask you to surrender these "
"rights. These restrictions translate to certain responsibilities for you if "
"you distribute copies of the library or if you modify it."
msgstr ""
“A szerz jogainak vdelmben korltozsokat kell hozni, amelyek megtltj, "
"hogy brki megtagadhassa ezeket a jogokat msokl, vagy brki mst ezekrl "
“val lemondtsra knyszertsen. Ezek a megszortsok bizonyos felelssgeket "
“jelentenek azok szmra, akik a szoftver msolatai terjesztik vagy "
“mdostj."
For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use.
"specified in this license."

msgstr ""

"Vgl, a szabad szoftver ltt llandan fenyegetik a szoftverszabadalmak. "
"El szeretnkn kerlni annak veszlyt, hogy a szabad program terjeszti "
"szabadalmat jegyezzhessenek be r, eztlal sajt szellemi tulajdint kpezv "
"tegyk a programot. Ennek rdekben ragaszkdunk hozz, hogy a "
"programknyvtr egy vittozatval kapcsolatban megszerzett brmely szabadalmi "
"engedlynek sszhangban kell lennie a jelen licencben taglt teljesen "
"szabad hasznllt."

#: C/index.docbook:139(sect1/para)
msgid ""
msgstr ""

"Most GNU software, including some libraries, is covered by the ordinary GNU "
"General Public License. This license, the GNU Lesser General Public License, "
"applies to certain designated libraries, and is quite different from the "
"ordinary General Public License. We use this license for certain libraries "
"in order to permit linking those libraries into non-free programs."

msgstr ""

"A legtbb GNU szoftverre, belertve egyes programknyvtrakat is, a norml "
"GNU General Public License (GPL) felttelei vonatkoznak. Ez a licenc, a GNU "
"Lesser General Public License (LGPL), meghatrozott programknyvtrakra "
"vonatkozik, s elg eltr a norml GNU General Public License-tl. Ezt a "
"licencet azt alkalmazzuk bizonyos programknyvtrakhoz, hogy "
"engedlyezhsk a bepts nem szabad programokba is."

#: C/index.docbook:148(sect1/para)
msgid ""
msgstr ""

"When a program is linked with a library, whether statically or using a "
"shared library, the combination of the two is legally speaking a combined "
"work, a derivative of the original library. The ordinary General Public "
"License therefore permits such linking only if the entire combination fits "
"its criteria of freedom. The Lesser General Public License permits more lax "
"criteria for linking other code with the library."

msgstr ""

"Amikor egy programot sszeszerkesztenek egy programknyvtrral, fggetlenl "
"attl, hogy statikusan vagy egy megosztott programknyvtr hasznlatval, a "
"kett kombinica jogilag kzs munknak, az eredeti programknyvtr "
"leszmazottjak szm. A norml GNU General Public License (GPL) "
"felttelek ezrt csak akkor enged az ilyen sszeszerkesztst, ha a teljes "
"kombinici is megfelel a szabadsg feltteleinek. A GNU Lesser General "
"License (LGPL) azonban kevsb szigoruan rendelkezik ms kdnak a "
"programknyvtrral sszeszerkesztsrl."

#: C/index.docbook:158(sect1/para)
msgid ""
msgstr ""

"We call this license the <quote>Lesser</quote> General Public License "
"because it does Less to protect the user's freedom than the ordinary General "
"Public License. It also provides other free software developers Less of an "

---
advantage over competing non-free programs. These disadvantages are the "
"reason we use the ordinary General Public License for many libraries."
"However, the Lesser license provides advantages in certain special"
"circumstances."

"Azrt <quote>Lesser</quote> General Public License-nek hvjuk ezt a"
"licencet, mert kevesebbet tesz a felhasznal szabadsgnak vdelme"
"rdkekben, mint a norml GNU General Public License (GPL). Szintn kevesebb"
"elynt nyjt a bbbi szabadsoftver-fejlesztnek a versenytrs, nem szabad"
"programokkal szemben. Az ilyen elnyk miatt hasznluk magunk is a norml"
"GNU General Public License-t (GPL) szmos programknyvtrhoz. Nhny"
"specilis esetben azonban a GNU Lesser General Public License (LGPL)"

"hasznlata elnysebb."

#: C/index.docbook:168(sect1/para)
msgid ""
msgstr ""
"For example, on rare occasions, there may be a special need to encourage the"
"widest possible use of a certain library, so that it becomes a de-facto"
"standard. To achieve this, non-free programs must be allowed to use the"
"library. A more frequent case is that a free library does the same job as"
"widely used non-free libraries. In this case, there is little to gain by"
"limiting the free library to free software only, so we use the Lesser"
"General Public License."

msgid ""
msgstr ""
"Ritkn ugyan, de pldul elfordulhat, hogy igny van egy meghatrozott"
"programknyvtrnak a lehet legszlesebb krben trtn elterjesztsre,"
"hogy a vlhasson a de facto szabvnny. Ehhez engedlyezni kell, hogy a nem"
"szabad programok is hasznlhask a programknyvtrat. Gyakoribb eset az,"
"hogy egy szabad programknyvtr ugyanazt a feladatot ltja el, mint a szles"
"krben hasznlt nem szabad programknyvtrak. Ebben az esetben igen kevs"
"elyn szmazik a programknyvtr kizrlag szabad szoftverekben"
"felhasznlsra val korlozsnak, teht ilyenkor is az LGPL feltteleit"
"hasznluk."

#: C/index.docbook:178(sect1/para)
msgid ""
msgstr ""
"In other cases, permission to use a particular library in non-free programs"
"enables a greater number of people to use a large body of free software. For"
"example, permission to use the GNU C Library in non-free programs enables"
"many more people to use the whole GNU operating system, as well as its"
"variant, the GNU/Linux operating system."

msgid ""
msgstr ""
"Megint ms esetekben egy adott programknyvtr nem szabad programokban"
"felhasznlsnak engedlyezse azt jelenti, hogy tbb ember hasznlhat"
"szabad szoftvert. Pldl a GNU C Programknyvtr felhasznlsa nem szabad"
"programokban azt jelenti, hogy sokkal tbb ember hasznhatja a teljes GNU"
"opercis rendszert, illetve annak vltozatt, a GNU/Linux opercis"
"rendszert."
Although the Lesser General Public License is less protective of the users’ freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

Br az LGPL kevsb vdi a felhasznlak szabadsgt, azt azonban garantlja, hogy a Programknyvtrral sszeszerkesztett program felhasznlja jogosult legyen a program hasznlatra a Programknyvt mdostott vlozatval is.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a work based on the library and a work that uses the library. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

A msolsra, terjesztsre s mdostsra vonatkoz pontos szablyok s feltelek az albbiakban olvashat. Nagyon fontos megklnbzetni a <quote>programknyvtron alapul munka</quote> s a <quote>programknyvtrat</quote> felhasznln munka<quote>fogalmakat. Az elbji a programknyvtrbl szrmaz kdot tartalmaz, mg az utbji a futshoz ignyi a "programknyvtrat."

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called <quote>this License</quote>). Each licensee is addressed as <quote>you</quote>.

El vetett minden olyan programknyvtrra vagy egyb programra vonatkozik, "amelyhez a szerzi jog tulajdonosa vagy egyb jogosult fl azt a megjegyzest "fizte, hogy az a jelen LGPL-ben (ms nven a <quote>jelen Licencben</quote>) "foglaltak alapjn terjeszthet. Minden engedlyezs cmzettje <quote>n</quote>
"quote>.

# C/index.docbook:217(sect2/para)
msgid ""
"A <quote>library</quote> means a collection of software functions and/or "
"data prepared so as to be conveniently linked with application programs "
"(which use some of those functions and data) to form executables."
msgstr ""
"<quote>Programknyvtr</quote> alatt fggvnyek s/vagy adatok olyan "
"gyjtemnyt rtjk, amely gy lett elksztve, hogy knyelmesen"
"sszeszerkeszthet legyen alkalmazsprogramokkal (amelyek a fggvnyek s az "
"adatok egy rszt hasznljik), vgrehajthat fjlok elkszshez. "

# C/index.docbook:223(sect2/para)
msgid ""
"The <quote>Library</quote>, below, refers to any such software library or "
"work which has been distributed under these terms. A <quote>work based on "
"the Library</quote> means either the Library or any derivative work under "
"copyright law: that is to say, a work containing the Library or a portion of "
"it, either verbatim or with modifications and/or translated "
"straightforwardly into another language. (Hereinafter, translation is "
"included without limitation in the term <quote>modification</quote>.)"
msgstr ""
"Az albbiakban a <quote>Programknyvtr</quote> kifejezs brmely ilyen "
"programknyvtrra vagy munkra vonatkozik, a <quote>Programknyvtron "
"alapul munka</quote> pedig magt a Programknyvtrat vagy egy szerzi "
"joggal vdett munkt jelenti: vagyis olyan munkt, amely tartalmazza a "
"Programknyvtrat vagy annak egy rszlett, mdostva vagy mdosts nlkl "
"s/vagy ms nyelvre fordts. (Az albbiakban a fords minden egyb "
"megkts nlkl beletartozik a <quote>mdosts</quote> fogalmba.)"

# C/index.docbook:233(sect2/para)
msgid ""
"<quote>Source code</quote> for a work means the preferred form of the work "
"for making modifications to it. For a library, complete source code means "
"all the source code for all modules it contains, plus any associated "
"interface definition files, plus the scripts used to control compilation and "
"installation of the library."
msgstr ""
"Egy munka <quote>Forrskdja</quote> a munknak az a formtuma, amelyben a "
"mdostsok elvgze a legegyszerbben kivitelezhet. Egy programknyvtr "
"esetben a teljes forrskd az Itala tartalmazott sszes modul forrskdjt "
"jelenti, valamint minden hozz tartoz illesztdefincis fjt, valamint a "
"programknyvtr fordst s teleptst szablyoz parancsfjlokat."

# C/index.docbook:241(sect2/para)
msgid ""
"Activities other than copying, distribution and modification are not covered "

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"by this License; they are outside its scope. The act of running a program "
"using the Library is not restricted, and output from such a program is "
"covered only if its contents constitute a work based on the Library "
"(independent of the use of the Library in a tool for writing it). Whether "
"that is true depends on what the Library does and what the program that uses "
"the Library does."
msgid ""'
msgstr ""
"A jelen Licenc a msolson, terjesztsen s mdostson kvl ms "
"tevkenysgre nem vonatkozik, azok a hatlyn kvl esnek. A "
"Programknyvtrat hasznl program futtatsa nincs korltozva, illetve a "
"program kimenetre is csak abban az esetben vonatkozik ez a szablyozs, ha "
"az tartalmazza a Programknyvtron alapul munka egy rszlett (fgettenl "
"attl, hogy a Programknyvtrat hasznltk-e egy eszkzben a megrshoz). "
"Az, hogy ez igaz-e, a Programknyvtr, illetve a Programknyvtrat hasznl "
"program mkdstmt fgg."
The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used "by this function must be optional: if the application does not supply it, "the square root function must still compute square roots.)
"2d alpont azt kveteli meg, hogy a fggvny szmra az alkalmazs ltal "
"biztostott fggvny vagy adattbla opcionlis legyen: ha az alkalmazs nem "
"biztost illet, a ngyzetgyk fggvnynek akkor is ngyzetgykket kell "
"tudnia szmtani.)"

#: C/index.docbook:319(listitem/para)
msgid ""
msgstr ""
"These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Library, and can be "
"reasonably considered independent and separate works in themselves, then "
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Library, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."
msgstr ""
"Ezek a felttelek a mdostott munkra, mint egszre vonatkoznak. Ha a munka "
"azonosothat rszei nem a Programknyvtron alapulnak s fggetlen "
"munkkknt elkhlniten azonosthatk, akkor ez a szablyozs nem vonatkozik "
"ezekre a rszekre, amennyiben azok kln munkaknt kerlnk terjesztsre. "
"Viszont, ha ugyanez a rsz az egysz rszeknt kerl terjesztsre, amely a "
"Programknyvtron alapul munka, akkor az egysz munka terjesztsze csak a "
"jelen dokumentum alapin lehetsges, amely ebben az esetben a jogokat minden "
"egyes felhaszl szmra kiterjeszti a munka egyszre tekintet nklt arra, "
"hogy melyik rsz ki rta."

#: C/index.docbook:332(listitem/para)
msgid ""
msgstr ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Library."
msgstr ""
"E szvegrsznek teht nem az a clja, hogy msok jogait elvegye vagy "
"korhozza a kizrlag sajt maga ltal rt munkkra; a cl az, hogy a jogok "
"gyakorlta szablyozva legyen a Programknyvtron alapul illetve a "
"gyjtemnyes munkk terjesztsze esetben."

#: C/index.docbook:339(listitem/para)
msgid ""
msgstr ""
"In addition, mere aggregation of another work not based on the Library with "
"the Library (or with a work based on the Library) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."
msgstr ""
"Ezenkvi ms munkknak, amelyek nem a Programknyvtron alapulnak, a "
"Programknyvtrral (vagy a Programknyvtron alapul munkval) kzs "

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You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions: 

A Program you modify or any of its disassembled forms is considered a work based on the Program. You may apply the ordinary GNU General Public License instead of this License to that work, provided that you also meet all the conditions of that license. You may also combine it with the ordinary GNU General Public License in the same way that you could combine a derivative work with the ordinary GNU General Public License. 

If you combine this Program with other software that is covered by the ordinary GNU General Public License, then the work as a whole is a derivative work of the Program, which is derived from the Program. You may apply the ordinary GNU General Public License instead of this License to that work as a whole. 

Once this change is made in a given copy, it is irreversible for that copy.
"so the ordinary GNU General Public License applies to all subsequent copies"
"and derivative works made from that copy."
msgstr"

"Miután a módosított, az visszafordíthatatlan az adott plánravonatkozóan, vagyis a GNU General Public License fog vonatkozni annak szeesszénkra."

#: C/index.docbook:371(sect2/para)
msgid"

"This option is useful when you wish to copy part of the code of the Library"
"into a program that is not a library."
msgstr"

"Az a lehetőség akkor hasznos, ha a Programknyvtrkdnak egy rész egy"
"olyan programba akarja illeszteni, amelyik nem programknyvtr."

#: C/index.docbook:378(sect2/title)
msgid "Section 4"
msgstr "4. szakasz"

#: C/index.docbook:380(sect2/para)
msgid"

"You may copy and distribute the Library (or a portion or derivative of it,"
"under <link linkend="sect2">Section 2</link> ) in object code or"
"executable form under the terms of Sections <link linkend="sect1">1</link>"
"and <link linkend="sect2">2</link> above provided that you accompany it"
"with the complete corresponding machine-readable source code, which must be"
"distributed under the terms of Sections <link linkend="sect1">1</link> and"
"<link linkend="sect2">2</link> above on a medium customarily used for"
"software interchange."
msgstr"

"A Programknyvtr (vagy a programknyvtron alapul munka a <link linkend=""
\"sect2\">2. szakasznak</link> megfelelően) melsolhat s terjesztethet"
"trgykd vagy vgreihatjathat formában az <link linkend="\"sect1\">1.\</link>
"<link> s <link linkend="\"sect2\">2.</link> szakaszban foglaltak szerint,"
"feltve, hogy a teljes, gp alatt eltelmezhet forrskdn az anyagot,"
"amelynek terjesztse az <link linkend="\"sect1\">1.</link> <link s <link linkend=""
\"sect2\">2.</link> szakaszban foglaltak szerint trtnik, jellemz"
"szoftverterjesztstre hasznlt adathordoz."
Section 5

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
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"If such an object file uses only numerical parameters, data structure "
"layouts and accessing, and small macros and small inline functions (ten "
"lines or less in length), then the use of the object file is unrestricted, "
"regardless of whether it is legally a derivative work. (Executables "
"containing this object code plus portions of the Library will still fall "
"under <link linkend="sect6">Section 6</link>.)"

"Otherwise, if the work is a derivative of the Library, you may distribute "
"the object code for the work under the terms of <link linkend="sect6"> "
"Section 6</link>. Any executables containing that work also fall "
"under <link linkend="sect6">Section 6</link>, whether or not they are "
"linked directly with the Library itself."

"As an exception to the Sections above, you may also combine or link a "
"<quote>work that uses the Library</quote> with the Library to produce a work "
"containing portions of the Library, and distribute that work under terms of "
"your choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications.
" msgstr ""
"A fenti szakaszok kivételkent egy, a <quote>Programknyvtrat használ "
"munka</quote> egyesthet vagy sszeszerkeszthet a Programknyvtrral, hogy "
"tartjuk egy olyan munka, amely tartalmazza a Programknyvtr rögzített, s "
"az ilyen munka terjeszthet az n Ital vlasztott felttelek szerint is, "
"feltve, hogy ezek a felttelek megengedik a munka szabad módoszt a "
"visszafejtést. "

#: C/index.docbook:473(listitem/para)
msgid ""
msgstr ""
"Accompany the work with the complete corresponding machine-readable source "
"code for the Library including whatever changes were used in the work (which "
"must be distributed under Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above); and, if the work is an executable "
"linked with the Library, with the complete machine-readable <quote>work that "
"uses the Library</quote>, as object code and/or source code, so that the "
"user can modify the Library and then relink to produce a modified executable "
"containing the modified Library. (It is understood that the user who changes "
"the contents of definitions files in the Library will not necessarily be "
"able to recompile the application to use the modified definitions.)"
" msgstr ""

"A munka mell mellékletként kell a Programknyvtr teljességét a gppel olvashat "
"forrásfájlt, jelezve, hogy a (fenti <link linkend="sect1">1.</link> és "
"<link linkend="sect2">2.</link> szakaszoknak megfelelően terjesztett) "
"munkaban milyen módosított a munkat; valamint, ha a munka egy, a "
"Programknyvtrral szeszerkesztett fájl, a teljes "
"<quote>Programknyvtrat használ munka</quote> gppel olvashat fájlt, "
"ahhoz hogy trgykdknt s/vagy forrskdknt a felhasznál módosíthatsssa a "
"Programknyvtrat s utnra tserkeszthesse azt egy olyan módosított "
"vghajthat fájl ellshoz, amely tartalmazza a Programknyvtrat. "
"(Természetesen elfordulhat, hogy a Programknyvtr defincs fájlinak "
"tartalmi megváltóztat felhasznál nem feltételeztes lekpes jelfordítani "
"az alkalmazást módosított defincikkéknal.)"

#: C/index.docbook:489(listitem/para)
msgid ""
msgstr ""
"Use a suitable shared library mechanism for linking with the Library. A "
"suitable mechanism is one that (1) uses at run time a copy of the library "
"already present on the user's computer system, rather than copying library "
"functions into the executable, and (2) will operate properly with a modified "
"version of the library, if the user installs one, as long as the modified "
"version is interface-compatible with the version that the work was made with."
" msgstr ""
"Egy megfelel megosztott Programknyvtr-mechanizmus használata a "

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Programknyvtrral val sszeszerkesztshez. Megfelel mechanizmus az olyan,
"amely (1) futsi idben a programknyvtr egy, mr a felhasznl 
"szmtgprendszern megtallhat plnyt hasznja, nem pedig bemsolja a 
"programknyvtr egyes fggvnyeit a vgreahajthat fjlba, tovbb (2) 
"megfelelen mdkik a programknyvtr mdostott vloztatval is, ha a 
"felhasznl egy olat telept, feltve, hogy a mdostott verz interfse 
"kompatibilis azzal a verzival, amelyikkel a munka kszlt.

Accompany the work with a written offer, valid for at least three years, to 
give the same user the materials specified in Subsection 6a , above, for a charge no more than the cost of 
performing this distribution.

Ha a munka terjesztse egy adott helyr trtn msols engedlyezst 
jelenti, akkor egyenrtk hozzfrs biztostja, nem nagyobb djrt, mint a jelen 
terjeszts dja.

If distribution of the work is made by offering access to copy from a 
designated place, offer equivalent access to copy the above specified 
materials from the same place.

Ha a munka terjesztse egy adott helyr trtn msols engedlyezst 
jelenti, akkor egyenrtk hozzfrs biztostja, nem nagyobb djrt, mint a jelen 
terjeszts dja.

Verify that the user has already received a copy of these materials or that 
you have already sent this user a copy.

"You must give prominent notice with each copy of the work that the 
"Library is used in it and that the Library and its use are covered by 
"this License. You must supply a copy of this License. If the work during 
"execution displays copyright notices, you must include the copyright 
"notice for the Library among them, as well as a reference directing the 
"user to the copy of this License. Also, you must do one of these things: 
"<placeholder-1/>"
"You must give prominent notice with each copy of the work that the Library "
"is used in it and that the Library and its use are covered by this License. "
"You must supply a copy of this License. If the work during execution "
"displays copyright notices, you must include the copyright notice for the "
"Library among them, as well as a reference directing the user to the copy of "
"this License. Also, you must do one of these things: <_:orderedlist-1/>"
msgstr ""
"A munka minden egyes pldnyn megfelelen jelezni kell, hogy a "
"Programknyvtrat hasznltja, s hogy a hasznlatot a jelen Licenc szablyozza. "
"Mellkelni kell a jelen Licenc egy pldnyt. Ha a munka vgrehajts kzben "
"szerzi jogi megjegyzseket jelent meg, akkor ezek kzt szerepelnie kell a "
"Programknyvtr szerzi jogi megjegyzsznek is, valamint egy hivatkozsnak, "
"amely a felhasznlt a jelen Licenc egy pldnyhoz irnytja. Tovbb az "
albbiak egyikt biztostani kell: <_:orderedlist-1/>"

#: C/index.docbook:524(sect2/para)
msgid ""
"For an executable, the required form of the <quote>work that uses the "
"Library</quote> must include any data and utility programs needed for "
"reproducing the executable from it. However, as a special exception, the "
"materials to be distributed need not include anything that is normally "
"distributed (in either source or binary form) with the major components "
"(compiler, kernel, and so on) of the operating system on which the "
"executable runs, unless that component itself accompanies the executable." 
msgstr ""
"Vgrehajthat fjl esetben a <quote>Programknyvtrat hasznl munka/></quote> "
"quote> elvrt formjnak tartalmaznia kell minden adatot s segdprogramot, "
"amelyre szksg van a bellk szrmaz vgrehajthat fjl ellltshoz. "
"Specilis kvtelknt a terjesztett anyagoknak nem kell semmi olyat "
"tartalmaznia, amelyek norml esetben azon opercis rendszer f rszeivel "
"(fordt, kernel stb.) egytt kerlnek terjesztse (akr forrskdnt, "
"akr binris formban), amelyen a vgrehajhat fjl futni fog, kivve, ha a "
"komponens maga a vgrehajhat fjlall egytt rkezik. "

#: C/index.docbook:535(sect2/para)
msgid ""
"It may happen that this requirement contradicts the license restrictions of "
"other proprietary libraries that do not normally accompany the operating "
"system. Such a contradiction means you cannot use both them and the Library "
"together in an executable that you distribute." 
msgstr ""
"Elfordulhat, hogy ez a kvetelmny ellentmond ms szellemi tulajdont kpez "
"programknyvtrak licenckorltrozsaianak, amelyek norml esetben nem jrnak "
"az opercis rendszer mell. Az ilyen ellentmondos azt jelenti, hogy nem "
"hasznhatja azokat s a Programknyvtrat egytt egy terjeszteni kvnt "
"vgrehajthat fjlban."

#: C/index.docbook:546(sect2/title)
You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to
"copy, modify, sublicense, link with, or distribute the Library is void, and "
"will automatically terminate your rights under this License. However, "
"parties who have received copies, or rights, from you under this License "
"will not have their licenses terminated so long as such parties remain in "
"full compliance."

msgid "" msgstr ""
"A Programknyvtrat csak a jelen Licencben lertaknak megfelelen szabad "
"lemsolni, terjeszteni, mdostani s allicencbe adni. Az egyb mdon val "
"msols, mdosts, terjeszts s allicencbe ads rvnytelen, s azonnal "
"rvnytelenti a dokumentumban biztostott jogaikat. Mindazonltal "
"azok, akik a Licencet megszegtl kaptak plnyokat vagy jogokat, tovb "
"gyakorolhatjik a Licenc Ittal meghatrozott jogaikat mindaddig, amg teljes "
"mrktben megfelelnek a Licenc feltteleinek."

#: C/index.docbook:591(sect2/title)
msgid "Section 9"
msgstr "9. szakasz"

#: C/index.docbook:593(sect2/para)
msgid ""
msgstr ""
"You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Library or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Library (or any work based on the Library), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Library or works based on it."

msgid "" msgstr ""
"Nem ktelez elfogadnia ezt a szablyozst, hiszen nem rta al. Ezen kvl "
"viszont semmi ms nem ad jogokat a Programknyvtr vagy a szrmaztatott "
"munkk terjesztsre s mdostra. Ezeket a cselekedeteket a trvny "
"bneti, ha nem a jelen szerzi jogi szablyozs keretei kzt trtnnek. "
"Mindezek miatt a Programknyvtr (vagy a Programknyvtron alapul munka) "
"terjeszts vagy mdosta a jelen dokumentum szablyainak, s azon bell a "
"Programknyvtr vagy a munka mdostra, msolsra vagy terjesztsre "
"vonatkoz szsz felteltnek elfogadst jelenti."

#: C/index.docbook:606(sect2/title)
msgid "Section 10"
msgstr "10. szakasz"

#: C/index.docbook:608(sect2/para)
msgid ""
msgstr ""
"Each time you redistribute the Library (or any work based on the Library), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute, link with or modify the Library subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "

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"if, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues),
"conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not
"excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any
"other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit
"royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both
"it and this License would be to refrain entirely from distribution of the Library.
"Library.
"Ha brsgi hatrozat, szabadalomsrvelme, vagy egyb (nem kizrlag
"szabadalmakkal kapcsolatos) okbl olyan fellteleknek kell megfelelnie (akr
"brsgi hatrozat, akr megllapods, akr brmi ms eredmnyekpp),
"amelyek ellenttesek a jelen felltelekkel, az nem menti fel a terjeszt a
"jelen felltelek figyelembevtele all. Ha a terjeszt nem lehetsges a
"jelen Licenc s az egyb felltelek ktelezettsgeinek egyttes
"betartsval, akkor tilos a Programknyvtr terjesztse. Ha pldul egy
"licensszabadalom nem engedi meg egy programknyvtr jogdj nlkli
"tovbbterjesztst azok szmra, akik kzetve vagy kzetlenl megkapjk,
"akkor az egyetlen mdja, hogy eleget tegyen valaki mindkt felttelnk, az, 
"hogy ell a programknyvtr terjesztsl.

"if any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, 
"and the section as a whole is intended to apply in other circumstances."
"Ha ennek a szakasznak brmely rsze rvnytelen, vagy nem rvnyesthet "
"valamely krlmny folytn, akkor a szakasz fennmarad rszt kell "
"alkalmazni, egyb esetekben pedig a szakasz egsze alkalmazand."

#: C/index.docbook:643(sect2/para)
msgid ""
"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
msgstr ""
"Ennek a szakasznak nem az a clja, hogy a szabadalmak vagy egyb hasonl "
"jogok megsrtsre sztnzzn brkit is; mindssze meg szeretn vdeni a "
"szabad szoftver terjesztorsi rendszerek egysgt, amelyet a szabad "
"kzreadst szablyoz felttelrendszerek teremtenek meg. Sok ember "
"nagymrtkben jult hozz az e rendszer keretben terjesztett, klnfe "
"szoftverekhez, s szmt a rendszer kvetkezetes alkalmazasra; azt a szerz/ "
"adomnyoz dnt el, hogy a szoftvert ms rendszer szerint is kzz kvnja-"
"e tenni, s a licencet kapk ezt nem befolyoshatik. "

#: C/index.docbook:656(sect2/para)
msgid ""
"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."
msgstr ""
"E szakasz clja, hogy pontosan tiszttza azt, ami elgondolsunk szerint a "
"jelen licenc tbbi rsznek a kvetkezmnye."

#: C/index.docbook:663(sect2/title)
msgid "Section 12"
msgstr "12. szakasz"

#: C/index.docbook:665(sect2/para)
msgid ""
"If the distribution and/or use of the Library is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Library under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded. "
"In such case, this License incorporates the limitation as if written in the "
"body of this License."
msgstr ""
"Ha a Programknyvtr terjesztse s/vagy hasznlata egyes orszgokban nem "

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"lehetséges akr szabadalmak, akr szerzi jogokkal vdett felletek miatt, "
"akkor a Programknyvtr szerzi jogainak eredeti tulajdonosa, aki a "
"Programknyvtrat ezen szabalyozás alapján adja kizre, egy explicit "
"fildrajzi megkívánt adhat a terjesztésre, s egyes országokat kizríthat. "
"Ebben az esetben gy tekintend, hogy a jelen licenc ezt a megkívánt is "
"termelni, ugyanúgy, mintha az a szövegben lenne lervá.

#: C/index.docbook:677(sect2/title)
msgid "Section 13"
msgstr "13. szakasz"

#: C/index.docbook:679(sect2/para)
msgid ""
msgstr ""
"The Free Software Foundation may publish revised and/or new versions of the "
"Lesser General Public License from time to time. Such new versions will be "
"similar in spirit to the present version, but may differ in detail to "
"address new problems or concerns."

#: C/index.docbook:686(sect2/para)
msgid ""
msgstr ""
"Each version is given a distinguishing version number. If the Library "
"specifies a version number of this License which applies to it and "
"<quote>any later version</quote>, you have the option of following the terms "
"and conditions either of that version or of any later version published by "
"the Free Software Foundation. If the Library does not specify a license "
"version number, you may choose any version ever published by the Free "
"Software Foundation."

#: C/index.docbook:698(sect2/title)
msgid "Section 14"
msgstr "14. szakasz"

#: C/index.docbook:698(sect2/para)
msgid ""
msgstr ""
"If you wish to incorporate parts of the Library into other free programs "
"whose distribution conditions are incompatible with these, write to the "
"author to ask for permission. For software which is copyrighted by the Free "
"Software Foundation, write to the Free Software Foundation; we sometimes "
"make exceptions for this. Our decision will be guided by the two goals of "
"preserving the free status of all derivatives of our free software and of "
"promoting the sharing and reuse of software generally."
msgstr ""
"A Programknyvtrat ms szabad szoftverbe, amelynek szerzi jogi "
"szabilyoza szabzat-nk, csak akkor pthet be, ha a szerzit erre "
"engedlyt szerzett. Abban az esetben, ha a programknyvtr szerzi jogainak "
"tulajdonosa a Free Software Foundation, akkor a Free Software Foundation "
"cmre kell rni; nha kivtelt tesznk. A dnts a kvetkez kt el szem "
"eltt tartsval fog ttni: megmaradjon a szabad szoftveren alapul "
"munkk szabad llapota, valamint seqte el a szoftver jrafelhasznlst "
"s megosztst."

#: C/index.docbook:713(sect2/title)
msgid "NO WARRANTY"
msgstr "GARANCIAVLLALS HINYA"

#: C/index.docbook:714(sect2/subtitle)
msgid "Section 15"
msgstr "15. szakasz"

#: C/index.docbook:716(sect2/para)
msgid ""
"BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "
"LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE "
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "
"LIBRARY <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED "
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF "
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "
"THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY "
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."
msgstr ""
"MIVEL A JELEN PROGRAMKNYVTR HASZNLATI JOGA DJMENTES, AZ ALKALMAZHAT "
"JOGSZABLYOK LTAL BIZTOSTOTT MAXIMLIS MRTKBEN VISSZAUTASTJUK A "
"PROGRAMKNYVTROHOZ A GARANCIA BIZTOSTST. AMENNYIBEN A SZERZI JOGOK "
"TULAJDONOSAI RSBAN MSBAN NEM NYILATKOZNAK, A PROGRAMKNYVTRO "
"<quote>JELEN LLAPOTBAN</quote> KERL KIADSRA, MINDENFLE GARANCIAVLLALS "
"NLKL, LEGYEN AZ KIFEJEZETT VAGY BELERTETT, BELERTVE, DE NEM "
"KIZIRLAGOSAN A FORGALOMBAHOZATSGRA VAGY ALKALMAZHATSGRA VONATKOZ "
"GARANCIKAT. A PROGRAMKNYVTR MINSQL S MKDSDL FAKAD SSZES "
"KOCKZAT A FELHASZNLT TERHEL, HA A PROGRAMKNYVTR HIBSAN MKDIK, A "
"FELHASZNLANAK MAGNAK KELL VLLALNIA A JAVTSHOZ SZKSGES MINDEN "
"KLTSGET."
IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), "EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "SUCH DAMAGES."

AMENNYIBEN A HATLYOS JOGSZABLYOK VAGY A SZERZI JOGOK TULAJDONOSAI RSOS "MEGELLAPODSBAN MSKNT NEM RENDELKEZNEK, SEM A PROGRAMKNYVTR SZERZIE, "SEM MSOK, AKIK MDOSTOTTK S/VAGY TERJESZTETTK A PROGRAMKNYVTRAT A "FENTIEKNEK MEGFELELEN, NEM TEHETK FELELSS A KROKRT, BELERTVE MINDEN "VLETLEN, VAGY KVETKEZMNYES KRT, AMELY A PROGRAMKNYVTR HASZNLATBL "VAGY A HASZNLAT MEGAKADLYOZSBL SZRMAZIK (BELERTVE, DE NEM "KIZIRLAGOSAN AZ ADATVESZTST S A HELYTELEN ADATFELDOLGOZST, VALAMINT A "MS PROGRAMKNYVTRAKKAL VAL HIBS EGYTTMKDST), MG AKKOR SEM, HA EZEN "FELEK TUDATBAN VOLTAK, HOGY ILYEN KROK KELETKEZHETNEK."

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<releaseinfo>Izdanje 2, jun 1991</releaseinfo>

<abstract role="description"><para>Licence veine softvera su namjenjene oduzimanju vae slobode njegovog deljenja i menjanja. Nasuprot tome, GNU Opta javna licenca je osmiljena da garantuje vau slobodu deljenja i razmene slobodnog softvera kako bi osigurala slobodu softvera za sve njegove korisnike. Ova Opta javna licenca se primenjuje na veinu softvera Zadubine slobodnog softvera i na svaki drugi softver iji se autori obaveu na njeno korjenje. (Neki drugi softver
Zadubine slobodnog softvera je pokriven GNU Bibliotekom optom javnom licencom.) I vi takoe moete da je primenite na vae programe.

Kada govorimo o slobodnom softveru, mislimo na slobodu, a ne na cenu. Nae Opte javne licence su osmiljena da osiguraju da vi imate slobodu da raspodeljujete primerke slobodnog softvera (i da naplatite za tu uslugu ako elite), da primite izvorni kd ili da moete da ga nabavite ako elite, da moete da izmenite softver ili da koristite njegove delove u novim slobodnim programima; i da znate da moete da uradite te stvari.

Da bismo zatitili vaa prava, moramo da napravimo ograničenja koja zabranjuju bilo kome da vam uskraćuje ta prava ili da od vas zatraži da se odreknete istih. Ova ograničenja se odnose na neke vae odgovornosti ako raspodeljujete primerke softvera ili ako ga menjate.

Na primer, ako raspodeljujete primerke takvog programa, bilo bez ili uz novanu nadoknadu, morate i primaocima da date sva prava koja posedujete. Morate da se osigurate da i oni, takoe, prime ili da mogu da nabave izvorni kd. I morate da im pokažete ove odredbe kako bi se upoznali sa svojim pravima.

We protect your rights with two steps:

- copyright the software, and
- offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Takoe, zbog zatite svakog autora a i nae, elimo da se osiguramo da svako razume da ne postoji garancija za taj slobodan softver. Ako je softver izmenio neko drugi i prosledio ga, elimo da njegovi primaoci znaju da ono to oni imaju nije original, tako da bilo koji problem koji uvede neko drugi nee da se odraži na ugled autora originala.

Najzad, svi slobodni programi su neprekidno ugroženi softverskim patentima. elimo da izbegnemo opasnost da raspodeljivai slobodnog programa pojedinaco nabave licence patenta, i da zapravo uine program vlasnikim. Da bismo ovo spreli, jasno smo naznaili da svaki patent mora biti licenciran za svajie slobodno korijenje ili da ne bude licenciran uopte.

Tane odredbe i uslovui za umnoavanje, raspodelu i izmene slede.
ODREDBE I USLOVI ZA UMNOAVANJE, RASPODELU I MENJANJE

Odeljak 0

Ova licenca se primenjuje na svaki program ili drugi rad koji sadri saopćenje vlasnika autorskih prava u kom stoji da moe biti raspodeljen pod odredbama ove Opte javne licence. Program e nadalje oznaavati svaki takav program ili delo, a delo zasnovano na Programu e oznaavati Program ili bilo koje delo proisteklo iz njega po Zakonu o autorskim pravima; tj. delo koje sadri Program ili njegov deo, bilo doslovni ili sa izmenama i/ili preveden na drugi jezik. (Odavde pa nadalje, prevod je ukljujen bez ograničenja u pogledu izraza izmena.) Svaki korisnik licence je oznaen kao vi.

Aktivnosti drugaice od umnoavanja, raspodele i menjanja nisu pokrivene ovom licencom; one su izvan njene primene, in pokretanja Programa nije ograničen, a rezultat Programa je pokriven jedino ako njegov sadraj saopćava delo zasnovano na Programu (nezavisno od toga da li je nastao pokretanjem Programa). Da li e ovo biti tako zavisi od toga ta Program radi.

Odeljak 1

Moete da umnoavate i raspodeljete verbatim (cd) primerke izvornog koda programa odmah im ga primite, na bilo kom medijumu, uz uslov da upadljivo i na odgovarajući način objavite na svakom primerku odgovarajuće obavetnje o autorskim pravima i odsustvo bilo kakve garancije; i da date svim drugim primacima Programa primerak ove licence uz Program.

Moete da naplatite nadoknadu za fiziki in prenos primerka, i moete po vaem izboru da ponudite zatitu garancijom u zamenu za nadoknadu.

Odeljak 2

You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

You must cause any work that you distribute or publish, that in whole or
in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

Ovi zahtevi se odnose na izmenjeno delo kao celinu. Ako prepoznatljivi delovi takvog dela nisu izvedeni iz Programa, i mogu biti razumno smatrani nezavisnim i odvojenim delima za sebe, onda se ova Licence, i njene odredbe, ne odnosi na te delove kada ih raspodeljivaste kao odvojena dela. Ali kada raspodeljivaste iste delove kao deo celine koja je delo zasnovano na Programu, raspodela celine mora biti pod odredbama ove Licence, ija se ovlaenja za druge licence proiruju na itavu celinu, a time i na svaki i na bilo koji deo bez obzira ko ga je napisao.

Dakle, nije namera ovog odeljka da zahteva prava ili da osporava vaa prava na delo koje ste vi u potpunosti napisali; ve mu je namera da ostvari pravo da kontrolie raspodelu izvedenih ili zajednikih dela zasnovanih na Programu.

Pored toga, samo prisajedinjenje Programu drugog dela koje nije zasnovano na Programu (ili delu zasnovanom na Programu) na jedinicu skladitenja ili na medijum za raspodelu ne dovodi drugo delo pod okvir ove Licence.

Odeljak 3
You may copy and distribute the Program (or a work based on it, under
Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

- Accompany it with the complete corresponding machine-readable source code, which
  must be distributed under the terms of Sections 1 and 2 above on a medium
  customarily used for software interchange; or,

- Accompany it with a written offer, valid for at least three years, to give any
  third party, for a charge no more than your cost of physically performing source
  distribution, a complete machine-readable copy of the corresponding source code,
  to be distributed under the terms of Sections 1 and 2 above on a medium customarily
  used for software interchange; or,

- Accompany it with the information you received as to the offer to distribute
  corresponding source code. (This alternative is allowed only for noncommercial
  distribution and only if you received the program in object code or executable form
  with such an offer, in accord with Subsection b above.)
<title>Odeljak 4</title>

<para>Ne smete umnoavati, menjati, podlicencirati ili raspodeljivati Program izuzev pod izriitim odredbama ove licence. Svaki pokuaj da na drugi naiv umnoite, menjate, podlicencirate ili raspodeljujete Program je nitavan, i automatski e ukinuti vaa prava pod ovom licencom. Meutim, stranama koje su od vas primile primerke ili prava pod ovom Licencom nee biti ukinute njihove licence sve dok takve strane ostanu u potpunoj saglasnosti. </para>

</sect2>

<sect2 id="sect5" label="5">
<title>Odeljak 5</title>

<para>Niste obavezni da prihvatite ovu licencu, poto je niste ni potpisali. Meutim, nita drugo vam ne dozvoljava da menjate ili raspodeljujete Program ili izvedena dela. Te radnje su zabranjene zakonom ukoliko ne prihvatite ovu licencu. Tako, menjanjem ili raspodeljivanjem Programa (ili dela zasnovanog na Programu), vi prihvatate ovu Licencu, i sve njene odredbe i uslove za umnoavanje, raspodelu ili menjanje Programa ili dela zasnovanih na njemu.</para>

</sect2>

<sect2 id="sect6" label="6">
<title>Odeljak 6</title>

<para>Svaki put kada raspodeljujete Program (ili bilo koje delo zasnovano na Programu), primalac automatski prima licencu od prvobitnog davaoca licence za umnoavanje, raspodelu ili menjanje Programa prema ovim odredbama i uslovima. Vi ne moete primaocu da nametnete nikakva dalja ogranienja na bilo kakvo korienje ovde garantovanih prava. Vi niste odgovorni za primenu saglasnosti od strane treih lica na ove licence.</para>

</sect2>

<sect2 id="sect7" label="7">
<title>Odeljak 7</title>

<para>Ako su vam, kao posledica sudskie presude ili pod izgovorom krenja patenta ili zbog bilo kog drugog razloga (ne ograniavaju se na pitanja patenata), nametnuti uslovi (bilo sudskim nalogom, dogovorom ili drugaie) koji su suprotne uslovima ove licence, isti vas ne izuzimaju iz uslova ove licence. Ako ne moete da raspodeljujete i da istovremeno zadovoljite vae obaveze pod ovom licencom i pod bilo kojom drugom znaajnom obavezom, onda je posledica svega toga da ne moete program da raspodeljujete uopte. Na primer, ako licenca patenta ne dozvoljava besplatnu raspodelu Programa od strane svih onih koji direktno ili indirektno prime primerak preko vas, onda jedini naiv da zadovoljite i taj uslov i ovu licencu jeste taj da se u potpunosti odreknete raspodele Programa.</para>

<para>Ako se bilo koji deo ovog odeljka smatra nevaeim ili neprimenljivim pod bilo kojom odreem okolnom, primenjuje se ostatak odeljka a odeljak u celini se primenjuje u ostalim okolnostima.</para>

<para>Nije svrha ovog odeljka da vas navede da prekrite bilo koja potraivanja patenta ili drugih prava na svojinu niti da ospori punovanost takvih potraivanja; jedina svrha ovog odeljka je da zaati celovitost sistema raspodele slobodnog softvera, koja se sprovodi primenom javnih licenci. Mnogi ljudi su dali velikodune doprinose irokom spektu softvera raspodeljenog ovim sistemom oslanjaju se na doslednu primenu tog sistema; na autoru/donatoru je da odlui da li je on ili ona spreman/spremna da raspodeljuje softver nekim drugim sistemom a licenca ne moe da nametne taj izbor.</para>
Ovaj odeljak je namenjen da detaljno razjasni ono to se veruje da je posledica ostatka ove licence.

Ako je raspodela i/ili korijenje Programa ograničeno u određenim zemljama, bilo patentima ili autorskim pravima, prvobitni nosilac autorskih prava koji stavi Program pod ovu licencu može da doda izričito geografsko ograničenje raspodele isključujući te zemlje, tako da je raspodela dozvoljena samo u zemlji ili zemljama koje nisu na taj način isključene. U tom slučaju, ova licenca uključuje ograničenje kao da je njen sastavni deo.

Ako je raspodela i/ili korijenje Programa ograničeno u određenim zemljama, bilo patentima ili autorskim pravima, prvobitni nosilac autorskih prava koji stavi Program pod ovu licencu može da doda izričito geografsko ograničenje raspodele isključujući te zemlje, tako da je raspodela dozvoljena samo u zemlji ili zemljama koje nisu na taj način isključene. U tom slučaju, ova licenca uključuje ograničenje kao da je njen sastavni deo.

Zadubina slobodnog softvera može s vremenom na vreme da objavi prerađena i/ili nova izdanja Opte javne licence. Takve prerade e po duhu biti sline sadanjem izdanju, ali se mogu razlikovati u detaljima u cilju ukazivanja na nove probleme ili pitanja.

Svakom izdanju se dodaje broj za razlikovanje izdanja. Ako Program određuje broj izdanja Licence koja mu se primenjuje i bilo koje novije izdanje, imate mogućnost da sledite odredbe i uslove bilo tog izdanja ili bilo kog novijeg izdanja koje objavi Zadubina slobodnog softvera. Ako program ne određuje broj izdanja te Licence, moete da izaberete bilo koje izdanje koje je do sada objavila Zadubina slobodnog softvera.

Ako elite da pripojite delove Programa drugim slobodnim programima iji su uslovi raspodele druga dje, piite autoru i od njega zatraite odobrenje. Za softver za koji autorska prava zadržava Zadubina slobodnog softvera, piite Zadubini slobodnog softvera; za ovo mi ponekad napravimo izuzetke. Naa odluka e biti motivisana u cilju olaganja slobodnog statusa svih proisteklih radova naeg slobodnog softvera i u cilju promovisanja deljenja i ponovne upotrebe softvera uopte.

ZATO TO JE PROGRAM LICENCIRAN BEZ OBAVEZA, NE POSTOJI GARANCIJA ZA PROGRAM, DO GRANICE DOPUTENE MERODAVNIM ZAKONOM. OSIM AKO NIJE DRUGA JIE NAVEDENO, NOSIOCI AUTORSKIH PRAVA I/ILI DRUGA LICA OBEZBEĐUJU PROGRAM KAKAV JESTE BEZ GARANCIJE BILO KAKVE VRSTE, BILO IZRAĐENE ILI PRIMENJENE, UKLJUČUJU, ALI NE OGRANIČAVAJU SE NA, PRIMENJENE GARANCIJE TRINE VREDNOSTI I PRILAGOĐENOSTI ODREĐENOJ NAMENI. CELOKUPAN RIZIK NA KVALITET I PERFORMANSE PROGRAMA JE VA. AKO PROGRAM PokaE NEDOSTATKE, VI PREUZIMATE TROKOVE SVIH POTREBNIH SERVISIRANJA, POPRAVKI ILI PREPRAVLJANJA.
NI U KOM SLJAJU, IZUZEV AKO TO NE ZAHTEVA MERODAVNI ZAKON I LI PISMENI DOGOVOR, NEE NOSILAC AUTORSKIH PRAVA, ILI BILO KOJE DRUGO LICE KOJE MOE DA IZMENI I/ILI RASPODELI PROGRAM KAO TO JE TO DOPUTENO LICENCOM, BITI ODGOBORAN VAMA ZA TETE, UKLJUJUI JVE OPTE, POSEBNE, SLUJNE ILI POSLEDINE TETE NASTALE USLED KORIJENJA I LI NEMOGUNOSTI KORIJENJA PROGRAMA (UKLJUJUI JVE ALI NE OGRANIČAVAUI JSE NA GUBITAK PODATAKI LI POGREAN PRIKAZ PODATAKI ILI GUBITKE KOJE STE IZAZVALI VI ILI TREA LICA, ILI NA NEUSPEH PROGRAMA ZA RAD SA BILO KOJIM DRUGIM PROGRAMIMA), AK I AKO SU TAJ NOSILAC ILI Druga Lica BILA OBAVETENA O MOGUNOSTI TAKVIH TETE.

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The GNU Public License 2 in DocBook
Markup by Eric Baudais <baudais@okstate.edu>
Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Dec 16, 2000
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Open Source Used In Data Center Network Manager 11 11.5(4) 6473
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users.
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

"Na primer, ako raspodeljujete primerke takvog programa, bilo bez ili uz "
"novanu nadoknadu, morate i primacima da date sva prava koja posedujete."
"Morate da se osigurate da i oni, takoe, prime ili da mogu da nabave izvorni"
"kd. I morate da im pokaete ove odredbe kako bi se upoznali sa svojim"
"pravima."

#: C/gpl.xml:109(para)
msgid "copyright the software, and"
msgstr "zatiuje softver autorskim pravima, i" 

#: C/gpl.xml:114(para)
msgid "offer you this license which gives you legal permission to copy, distribute and/or modify the software."
msgstr "" 
"nudimo vam ovu licencu koja vam daje pravnu dozvolu da umnoavate," 
"raspodeljujete i/ili menjate softver." 

#: C/gpl.xml:104(para)
msgid "We protect your rights with two steps: <placeholder-1/>"
msgstr "Mi titimo va va prava u dva koraka: <placeholder-1/>" 

#: C/gpl.xml:122(para)
msgid "Also, for each author's protection and ours, we want to make certain that everyone understands that there is 
no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients 
to know that what they have is not the original, so that any problems introduced by others will not reflect on the 
original authors' reputations."
msgstr "" 
"Takoe, zbog zatite svakog autora a i nae, elim do se osiguramo da svako" 
"razume da ne postoji garancija za taj slobodan softver. Ako je softver" 
"izmenio neko drugi i prosledio ga, elim da njegovi primaoci znaju da ono" 
"to oni imaju nije original, tako da bilo koji problem koji uvede neko drugi" 
"nee da se odrazi na ugled autora originala." 

#: C/gpl.xml:131(para)
msgid "Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that 
redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To 
prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all."
msgstr "" 
"Najzad, svi slobodni programi su neprekidno ugroeni softverskim patentima."
"elim do izbegnemo opasnost da raspodeljivai slobodnog programa pojedinano" 
"nabave licence patenta, i da zapravo uine program vlasnikim. Da bismo ovo" 
"sprelj, jasno smo naznali da svaki patent mora biti licenciran za " 
"svaije slobodno korijenji ili da ne bude licenciran uopte." 

#: C/gpl.xml:139(para)
msgid "The precise terms and conditions for copying, distribution and modification follow."
msgstr "Tane odredbe i uslovi za umnoavanje, raspodelu i izmene slede." 

#: C/gpl.xml:147(title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
Section 0

This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The <quote>Program</quote>, below, refers to any such program or work, and a <quote>work based on the Program</quote> means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term <quote>modification</quote>.) Each licensee is addressed as <quote>you</quote>.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.
"autorskim pravima i odricanje od garancije; da zadrite netaknuta sva "
"obavetenja koja se odnose na ovu licencu i odsustvo bilo kakve garancije; i "
"da date svim drugim prmaocima Programa primerak ove licence uz Program."

#: C/gpl.xml:183(para)
msgid "You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee."
msgstr ""
"Moete da naplatite nadoknadu za fiziki in prenosa primerka, i moete po "
"vaem izboru da ponudite zatitu garancijom u zamenu za nadoknadu."

#: C/gpl.xml:190(title)
msgid "Section 2"
msgstr "Odeljak 2"

#: C/gpl.xml:199(para)
msgid "You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change."
msgstr ""
"Morate da osigurate da izmenjene datoteke nose uoljiva obavetenja u kojima je "
"navedeno da ste vi izmenili datoteke i datum bilo kakve izmene."

#: C/gpl.xml:205(para)
msgid "You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License."
msgstr ""
"Morate da osigurate da svako delo koje raspodelite ili izdate, a koje u "
"potpunosti ili delom sadri ili je izvedeno iz Programa ili bilo kog njegovog "
"dela, bude licencirano u potpunosti bez novane nadoknade svim treim "
"licima pod odredbama ove Licence."

#: C/gpl.xml:223(title)
msgid "Exception:"
msgstr "Izuzetak:

#: C/gpl.xml:224(para)
msgid "If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement."
msgstr ""
"Ako je sam Program interaktivan ali obino ne ispisuje takvo saoptenje, vae "
"delo zasnovano na Programu ne mora da tampa saoptenje."

#: C/gpl.xml:213(para)
msgid "If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this
License. <placeholder-1/>

msgid "You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of <link linkend="sect1">Section 1</link> above, provided that you also meet all of these conditions: <placeholder-1/>

msgid "Vi moete izmeniti va primerak ili primerke Programa ili bilo kog njegovog "
"dela, stvarajui tako delo zasnovano na Programu, i umnoavati i "
"raspodeljivati takve izmene ili delo pod uslovima <link "
"linkend="sect1">Odeljka 1</link>, obezbeujui da vi takoe ispunjavate sve te "
"uslove: <placeholder-1/>

msgid "These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it."

msgid "Ovi zahtevi se odnose na izmenjeno delo kao celinu. Ako prepoznatljivi delovi "
"takvog dela nisu izvedeni iz Programa, i mogu biti razumno smatrani "
"nezavisnim i odvojenim delima za sebe, onda se ova Licenca, i njene odredbe, "
"ne odnosi na te delove kada ih raspodeljivate kao odvojena dela. Ali kada "
"raspodeljivate iste delove kao deo celine koja je delo zasnovano na Programu, "
"raspodela celine mora biti pod odredbama ove Licenca, ija se ovlaenja za "
"druge licence proiruju na itavu celinu, a time i na svaki i na bilo koji "
"deo bez obzira ko ga je napisao."

msgid "Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program."

msgid "Dakle, nije namera ovog odeljka da zahteva prava ili da osporava vaa prava "
"na delo koje ste vi u potpunosti napisali; ve mu je namera da ostvari pravo "
"da kontrolie raspodelu izvedenih ili zajednikih dela zasnovanih na "
"Programu."
In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

Pored toga, samo prisajedinjenje Programu drugog dela koje nije zasnovano na Programu (ili delu zasnovanom na Programu) na jedinicu skladitenja ili na medijum za raspodelu ne dovodi drugo delo pod okvir ove Licence.

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Da uz njega priloite potpuni odgovarajui mainama itljiv izvorni kd, koji mora biti raspodeljen prema odredbama Odeljka 1 i 2 na medijumu uobiajeno korienom za razmenu softvera; ili,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Da uz njega priloite pismenu ponudu, koja vai najmanje tri godine, da date bilo kojoj treoj strani, za nadoknadu ne veu od cene fizikog obavljanja raspodele izvora, potpuni primerak mainama itljivog odgovarajueg izvornog kda, za raspodelu prema odredbama Odeljka 1 i 2 na medijumu uobijaeno korienom za razmenu softvera; ili,

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

Da uz njega priloite informacije koje ste dobili kao ponudu da raspodeljujete odgovarajui izvorni kd. (Ova mogunost je dozvoljena samo za nekomercijalnu raspodelu i samo ako ste program dobili u objektnom kdu ili "u izvrnom obliku uz takvu ponudu, u skladu sa gornjim Pododeljkom b.)

You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above;
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
"pod izriitim odredbama ove licence. Svaki pokuaj da na drugi nain "
"umnoite, menjate, podlicencirate ili raspodeljujete Program je nitavan, i "
"automatski e ukinuti vaa prava pod ovom licencom. Meutim, stranama koje "
"su od vas primile primerke ili prava pod ovom Licencom nee biti ukinite "
"njihove licence sve dok takve strane ostanu u potpunoj saglasnosti."

#: C/gpl.xml:328(title)
msgid "Section 5"
msgstr "Odeljak 5"

#: C/gpl.xml:330(para)
msgid "You are not required to accept this License, since you have not signed it. However, nothing else grants you
permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do
not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program),
you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or
modifying the Program or works based on it."
msgstr ""Niste obavezni da prihvatite ovu licencu, poto je niste ni potpisali. "
"Meutim, nita drugo vam ne dozvoljava da menjate ili raspodeljujete Program "
"ili izvedena dela. Te radnje su zabranjene zakonom ukoliko ne prihvatite ovu "
"licencu. Tako, menjanjem ili raspodeljivanjem Programa (ili dela zasnovanog na "
"Programu), vi prihvatate ovu Licencu, i sve njene odredbe i uslove za "
"umnoavanje, raspodelu ili menjanje Programa ili dela zasnovanih na njemu."

#: C/gpl.xml:341(title)
msgid "Section 6"
msgstr "Odeljak 6"

#: C/gpl.xml:343(para)
msgid "Each time you redistribute the Program (or any work based on the Program), the recipient automatically
receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and
conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You
are not responsible for enforcing compliance by third parties to this License." 
msgstr ""Svaki put kada raspodeljujete Program (ili bilo koje delo zasnovano na "
"Programu), primalac automatski prima licencu od prvobitnog davaoca licence "
"za umnoavanje, raspodelu ili menjanje Programa prema ovim odredbama i "
"uslovima. Vi ne moete primaocu da nametnete nikakva dalja ograniuenja na bilo "
"kakvo korijene ovdie garantovanih prava. Vi niste odgovorni za primenu "
"saglasnosti od strane treih lica na ove licence."

#: C/gpl.xml:353(title)
msgid "Section 7"
msgstr "Odeljak 7"

#: C/gpl.xml:355(para)
msgid "If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not
limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that
contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations,
then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit
royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the
only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program."

"Ako su vam, kao posledica sudskie presude ili pod izgovorom krenja patenta "
"ili zbog bilo kog drugog razloga (ne ograniavajui se na pitanja patenata), "
"nametnuti uslovi (bilo sudskim nalogom, dogovorom ili drugajie) koji su "
"suprotni uslovima ove licence, isti vas ne izuzimaju iz uslova ove licence."
"Ako ne moete da raspodeljujete i da istovremeno zadovoljite vae obaveze pod "
"ovom licencom i pod bilo kojom drugom znaajnom obavezom, onda je posledica "
"svega toga da ne moete program da raspodeljujete uopte. Na primer, ako "
"licenca patenta ne dozvoljava besplatnu raspodelu Programa od strane svih "
"onih koji direktno ili indirektno prime primerak preko vas, onda jedini "
"nai da zadovoljite i taj uslov i ovu licencu jeste taj da se u potpunosti "
"odredjete raspodele Programa."

"Ako se bilo koji deo ovog odeljka smatra nevaeim ili neprimenljivim pod bilo "
"kojom odreene olonou, primenjuje se ostatak odeljka a odeljak u celini se "
"primenjuje u ostalim okolnostima."

"Nije svrha ovog odeljka da vas navede da prekrite bilo koja potraivanja "
"patenta ili drugih prava na svojnu niti da ospori punovanost takvih "
"potraivanja; jedina svrha ovog odeljka je da zatiti celovitost sistema "
"raspodele slobodnog softvera, koja se sprovodi primenom javnih licenci. "
"Mnogi ljudi su dali velikodune doprinose irokom spektru softvera "
"raspodeljenog ovim sistemom oslanjaju se na doslednu primenu tog sistema; na "
"autoru/donatoru je da odlui da li je on ili ona spreman/spremna da "
"raspodeljuje softver nekim drugim sistemom a licenca ne moe da nametne taj "
"izbor."

"This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License."

msgid "If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance
of the section is intended to apply and the section as a whole is intended to apply in other circumstances."

"It is not the purpose of this section to induce you to infringe any patents or other property right claims or to
contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software
distribution system, which is implemented by public license practices. Many people have made generous
contributions to the wide range of software distributed through that system in reliance on consistent application of
that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other
system and a licensee cannot impose that choice."

msgid "This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License."
"Ovaj odeljak je namenjen da detaljno razjasni ono to se veruje da je posledica "
"ostatka ove licence."

#: C/gpl.xml:390(title)
msgid "Section 8"
msgstr "Odeljak 8"

#: C/gpl.xml:392(para)
msgid "If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License."
msgstr "Ako je raspodela i/ili korienje Programa ograniueno u odreenim zemljama, "
"bilo patentima ili autorskim pravima, prvobitni nosilac autorskih prava koji "
"stavi Program pod ovu licencu moe da doda izriito geografsko ograniuenje "
"raspodele iskljujuui te zemlje, tako da je raspodela dozvoljena samo u zemlji "
"ili zemljama koje nisu na taj nain iskljuene. U tom sluaju, ova licenca "
"ukljuuje ograniuenje kao da je njen sastavni deo."

#: C/gpl.xml:402(title)
msgid "Section 9"
msgstr "Odeljak 9"

#: C/gpl.xml:404(para)
msgid "The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns."
msgstr "Zadubina slobodnog softvera moe s vremena na vreme da objavi preraena "
"i/ili nova izdanja Opte javne licence. Takve prerade e po duhu biti sline "
"sadanjem izdanju, ali se mogu razlikovati u detaljima u cilju ukazivanja na nove "
"probleme ili pitanja."

#: C/gpl.xml:410(para)
msgid "Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and <quote>any later version</quote>, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation."
msgstr "Svakom izdanju se dodaje broj za razlikovanje izdanja. Ako Program odreuje "
"broj izdanja Licence koja mu se primenjuje i bilo koje novije izdanje, imate "
"mogunost da sledite odredbe i uslove bilo tog izdanja ili bilo kog novijeg "
"izdanja koje objavi Zadubina slobodnog softvera. Ako program ne odreuje "
"broj izdanja te Licence, moete da izaberete bilo koje izdanje koje je do sada "
"objavila Zadubina slobodnog softvera."
If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

Because the Program is licensed free of charge, there is no warranty for the Program, to the extent permitted by applicable law. Except when otherwise stated in writing the copyright holders and/or other parties provide the Program <quote>as is</quote> without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of the Program is with you. Should the Program prove defective, you assume the cost of all necessary servicing, repair or correction.

Because the Program is licensed free of charge, there is no warranty for the Program, to the extent permitted by applicable law. Except when otherwise stated in writing the copyright holders and/or other parties provide the Program <quote>as is</quote> without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of the Program is with you. Should the Program prove defective, you assume the cost of all necessary servicing, repair or correction.
IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users.

Software are partekatze eta aldatzeko askatasuna kentzeko diseinatuta daude software-lizentzia gehienak.
Aitzitik, software libreaz partekatu eta aldatzeko duzun askatasuna bermatzea da GNU Lizentzia Publiko Orokorren xedea, hau da, softwarea erabiltzaile guztientzat librea izango dela ziurtatzea.

#: C/gpl.xml:61(title)
msgid "Preamble"
msgstr "Aitzinsolasa"

#: C/gpl.xml:63(para)
msgid "The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users."

#: C/gpl.xml:70(para)
msgid "When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things."
msgstr "Software libreaz hitz egiten dugunean, askatasunari buruz ari gara, eta ez prezioari buruz. Gure Lizentzia Publiko Orokorren xedea da software librearen kopiap banatzeko (eta, nahi izanez gero, zerbitzun horregatik kobratszeko) askatasuna duzula ziurtatzea, iturburu-kodea jasoko duzu la edo, nahi izanez gero, hartzeko aukera duzu la bermatzea, softwarea aldatzeko edo software zatiak beste programa libre berri batzuetan erabiltzeko eskubidea duzula segurtatzea eta gauza horiek egin ditzakezula jakinaraztea."

#: C/gpl.xml:79(para)
msgid "This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below."
msgstr "Hedadura Txikiagoko Lizentzia Publiko Orokorra Software Foundation-en software-pakete (normalean, liburutegiak) zehatz batzuei eta haiek erabiltzen ditutzen egileei aplikatzen zaie. Zuk ere erabili dezakezu, baina lehenengo pentsa ezazu, behean ematen diren azalpenak kontuan hartuz, lizentzia hori edo Lizentzia Publiko Orokorra erabiltzea komeni zaizun kasu jakinetan."

#: C/gpl.xml:88(para)
msgid "When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things."
msgstr "Software libreaz hitz egiten dugunean, askatasunari buruz ari gara, eta ez prezioari buruz. Gure Lizentzia Publiko Orokorren xedea da software librearen kopiap banatzeko (eta, nahi izanez gero, zerbitzun horregatik kobratszeko) askatasuna duzula ziurtatzea, iturburu-kodea jasoko duzu la edo, nahi izanez gero, hartzeko aukera duzu la bermatzea, softwarea aldatzeko edo software zatiak beste programa libre berri batzuetan erabiltzeko eskubidea duzula segurtatzea eta gauza horiek egin ditzakezula jakinaraztea."
msgid "To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it."

msgid "Zure eskubideak babesteko, banatzaileek zuri eskubide hauek ukatzea edo eskubide horiei uko eginaraztea debekatzeko eta eragozteko mugak jarri behar ditugu. Mugaketa horien ondorioz, liburutegia aldatu edo kopiak banatzen badituzu, zenbait erantzukizun hartuko dituzu zure gain."

#: C/lgpl.xml:105(para)
msgid "For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights."


#: C/lgpl.xml:115(para)
msgid "We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library."

msgid "Bi urratzat osatutako metodoarekin babesten ditugu zure eskubideak: (1) liburutegiaren egile-eskubideak erregistratzen ditugu, eta (2) liburutegia kopiazkeko, banatzeko eta/edo aldatzeko legezko baimena ematen dizun lizentzia eskaintzen dizugu."

#: C/lgpl.xml:121(para)
msgid "To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others."

msgid "Banatzaileak babesteko, argi utzi nahi dugu liburutegi libreak ez duela bermerik. Norbaitek liburutegia aldatzen eta banatzen badu, hartzaileeak jakin behar dute haiek dutena ez dela jatorrizko bertsioa, eta, beraz, besteren batek sortutako arazoek ez duela jatorrizko egilearen ospea kaltetuko."

#: C/lgpl.xml:130(para)
msgid "Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license."


#: C/gpl.xml:139(para)
msgid "Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from
the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs."

msgid "When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library."

msgid "We call this license the <quote>Lesser</quote> General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances."

msgid "For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License."

msgid "In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system."

msgid "Beste kasu batzuetan, liburutegi jakin bat programa ez-libreetan erabiltzea baimena emateak software librearen jende gehiagok erabiltzea ahalbidetzen du. Adibidez, GNU C Liburutegia programa ez-libreetan erabiltzeko"
Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a work based on the library and a work that uses the library. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

A library means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The Library, below, refers to any such software library or work which has been distributed under these terms. A work based on the Library means either the Library or any derivative work...
under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification")."

msgid "Aipatutako <quote>Liburutegia</quote> baldintza hauek betez banatu den horrelako edozein software-liburutegiri edo -lani dagokio. <quote>Liburutegian oinarritutako lana</quote>rekin adierazi nahi da egile-eskubideen legearen baitan egindako edozein Liburutegi edo lan eratorri: hau da, Liburutegia bera edo Liburutegiaren zati bat daukan lana, bai kopia literala, bai aldaketak dituen kopia, bai beste hizkuntza batera itzuliakoa. (Aurrerantzean, itzulpena <quote>aldaketa</quote> terminoaren baina sartuko da inongo mugarik gabe.)"

msgid "<quote>Source code</quote> for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library."

msgid "Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does."

msgid "You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library."

msgid "You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee."

#: C/gpl.xml:233(para)
msgid "Section 1"
msgstr "1. atala"

#: C/gpl.xml:254(title)
msgid "You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library."

msgid "Liburutegiaren iturburu-kode osoa jaso bezala kopiatu eta banatu deazkezu edozein euskarritan, baldin eta kopia bakoitzari behar bezala eta ikusteko moduan jartzen badozko egile-eskubideen oharra eta bermerik ez duela dioen oharra; Lizentziari eta bermerik ezari dagokzion ohar guztia oso-osorik uzten badituzu; eta Lizentziaren kopia Liburutegiarekin batera banatzen baduzu."

msgid "You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee."

msgid "Kuota kobra deazkezu kopia ematearen ekintza fisikoagatik, eta zure esku dago garantia-babesa ematea"
kuota baten truke."

#: C/lgpl.xml:273(title)
msgid "Section 2"
msgstr "2. atala"

#: C/gpl.xml:283(para)
msgid "The modified work must itself be a software library."
msgstr "Aldatutako lanak ere software-liburutegi bat izan behar du."

#: C/gpl.xml:288(para)
msgid "You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change."
msgstr "Aldatu dituzun fitxategiei ohar nabarmenak jarri behar dizkiezu, eta ohar horietan fitxategiak aldatu dituzula adierazi behar duzu, baita aldaketen data ere."

#: C/gpl.xml:294(para)
msgid "You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License."
msgstr "Lana osoki lizentziatu behar duzu hirugarrenentzaiko inongo kargurik gabe eta lizentzia honen baldintzen pean."

#: C/gpl.xml:300(para)
msgid "If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful."
msgstr "Aldatutako liburutegiaren eginbide batek eginbide horrek erabiltzen duen aplikazio-programa batean datorren funtzio bati edo datu-taula bati egiten bario erreferentzia, eta ez eginbideari deitutakoan pasatzen den argumentuari, zure hobe beherrako ziurtatu behar duzu, aplikazio batek funtzio edo taula hori hornitzen ez duen kasuan, eginbidea oraindik badabilela bere xedearen edozein zati beharrezkoa den bitartean."

#: C/gpl.xml:310(para)
msgid "(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)"
msgstr "(Adibidez, liburutegi batean, erro karratua kalkulatzeko funtzioaren xedea behar bezala zehaztua dago, aplikazioa edozein dela ere. Beraz, 2d azpialataren arabera, erro karratua kalkulatzeko funtzioak erabiltzen dituen edozein funtzioek edo taulak hautazkoa izan behar du: aplikazioak ematen ez badu ere, erro karratuaren funtzioak erro karratua kalkula dezake.)"

#: C/gpl.xml:319(para)
msgid "These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to
each and every part regardless of who wrote it."

msgid "Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you;
rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the
Library."

msgid "You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the
Library, and copy and distribute such modifications or work under the terms of \(<\text{link linkend="sect1"}>\text{Section 1}\</text{link}>\) above, provided that you also meet all of these conditions: \(<\text{placeholder-1"}>\)"

msgid "You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a
given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the
ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not
make any other change in these notices."

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
zaio. Horrelako lanak, bakarka, ez dira Liburutegitik eratorritako lanak, eta, beraz, Lizentzia honen esparrutik kanpo daude.”

#: C/gpl.xml:413(para)
msgid "However, linking a <quote>work that uses the Library</quote> with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a <quote>work that uses the library</quote>. The executable is therefore covered by this License. <link linkend="sect6">Section 6</link> states terms for distribution of such executables.”
msgstr "Hala ere, <quote>Liburutegia erabiltzen duen lan</quote> bat Liburutegiarekin estekatzen baduzu, exekutagarri bat sortzen du eta hori Liburutegiarenean eratorria da (Liburutegiarenean zatiak baititu), eta ez <quote>Liburutegia erabiltzen duen lana</quote>. Beraz, exekutagarria Lizentzia honen baitan sartzen da. <link linkend="sect6">6. atalean</link> exekutagarri horiek banatzeko baldintzak zehazten dira.”

#: C/gpl.xml:422(para)
msgid "When a <quote>work that uses the Library</quote> uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.”

#: C/gpl.xml:431(para)
msgid "If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under <link linkend="sect6">Section 6</link>.)"
msgstr "Horrelako objektu-fitxategi batek zenbakizko parametroak, datu-egituraren diseinuak eta gehigarriak, makro txikiak eta barneko funtzio txikiak (hamar lerro edo gutxiago luzeran) solik erabiltzen baditu, objektu-fitxategiaren erabileria mugatu gabe egongo da. Legalki lan eratortia den edo ez kontuan hartu gabe. (Objektu-kodea eta Liburutegiarenean zatiak dituzten exekutagarriak <link linkend="sect6">6. atalean</link> zehazten dira.)”

#: C/gpl.xml:440(para)
msgid "Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of <link linkend="sect6">Section 6</link>. Any executables containing that work also fall under <link linkend="sect6">Section 6</link>, whether or not they are linked directly with the Library itself.”
msgstr "Bestela, lana Liburutegiarenean eratorria bada, lanaren objektu-kodea <link linkend="sect6">6. ataleko</link> baldintzen pean banatu dezakuzu. Lan hori duen edozein exekutagarri erre <link linkend="sect6">6. atalean</link> sartuko da. Liburutegiarekin zuzenean estekatuta dagoen edo ez kontuan hartu gabe.”

#: C/gpl.xml:451(title)
msgid "Section 6"
msgstr "6. atala"

#: C/gpl.xml:453(para)
msgid "As an exception to the Sections above, you may also combine or link a <quote>work that uses the Library</quote> with the Library to produce a work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications."

msgid "Goiko atalen salbuespen gisa, <quote>Liburutegia erabiltzen duen lana</quote> Liburutegiarekin kombina edo estekatu dezakezu Liburutegiaren zatiak dituen lana sortzeko, eta lan hori nahi duzun baldintzen arabera banatu dezakezu, betiere, baldintza horiek lana aldatzen uzen badute bezeroak erabili ahal izateko eta ingeniariitzako alderantzizkatzen uzen badute aldatuak horiek arazteko."

#: C/lgpl.xml:473(para)
msgid "Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections <link linkend="sect1">1</link> and <link linkend="sect2">2</link> above); and, if the work is an executable linked with the Library, with the complete machine-readable <quote>work that uses the Library</quote>, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)"

msgid "Lana makina bidez irakurtzeko moduko iturburu-kode osoarekin batera banatu, lanean egindako edoakaldak erritze barne (goian adierazitako <link linkend="sect1">1</link> eta <link linkend="sect2">2</link> atateko baldintzen arabera); eta, lana Liburutegiari estekatutako exekutagarria bada, makinaz irakurtzeko moduko <quote>Liburutegia erabiltzen duen lan</quote> arekin banatu, objektu-kode eta/edo iturburu-kode gisa, erabiltaileak Liburutegia aldatu ahal izateko eta berriro estekatzeko Liburutegi aldatu da, aldatu hori aldatuak sortze alderako (Suposatzen da Liburutegioko definizio-fitxategiak edukiak aldatzen dituen erabiltzaileek ez duela zertan aplikazioa birkonpilatzeko gai izan definizio aldatua erabili ahal izateko."

#: C/gpl.xml:489(para)
msgid "Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with."

msgid "Erabili liburutegi parakatatu batetik mekanismo egokia Liburutegiari estekatzeko. Mekanismo egoki batek (1) exekutatzeari erabiltzailearen ordenagailu-sistemaren dagoen liburutegiaren kopia erabiltzen du, liburutegiaren funtzioak exekutagarri kopiatu beharrean, eta (2) liburutegiaren bertsio aldatuarekin baino bezala funtzionatuko du (erabiltzaileak instalatzen badu), betiere bertsio aldatu da, lana sortzeko erabili zen bertsioarekin bateragaria baldin bada."

#: C/gpl.xml:500(para)
msgid "Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in <link linkend="sect6a">Subsection 6a</link>, above, for a charge no more than the cost of performing this distribution."

msgid "Gutxienetz hiru urterako balio duen eskaintza idatzirekin batera banatu lana, erabiltaile berari goiko <link linkend="sect6a">6a azpiatealean</link> zehaztutako materialak emateko, banaketa honen kostua baino balio handiagoa ez duen karguarekin."

#: C/gpl.xml:509(para)
msgid "If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place."

msgid "Kopiara leku jakin batetik sartzeko eskainiz banatzen bada lana, sarbide baliokide bat eskaini goian aipatutako materialak leku beretik kopiatzeko."
Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things: <placeholder-1/>

For an executable, the required form of the <quote>work that uses the Library</quote> must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:
banaketa berezia onartzen bada, eta zuk bi gauza hauek egiten badituzu:

#: C/gpl.xml:559(para)
msgid "Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above."
msgstr "Liburutegi konbinatua Liburutegian oinarritutako lan berdinaren kopiarekin banatu, beste inolako liburutegi-eginbiderik sartu gabe. Goiko atalean zehaztutako baldintzen pean banatu behar da."

#: C/gpl.xml:567(para)
msgid "Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work."
msgstr "Liburutegi konbinatuan ohar nabarmen bat jarri bere zati bat Liburutegian oinarritutako lana dela adierazi, eta lan beraren konbinatua gabeko formatua non aurkitu daitekeen azaldu."

#: C/gpl.xml:577(title)
msgid "Section 8"
msgstr "8. atala"

#: C/gpl.xml:579(para)
msgid "You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance."
msgstr "Debekatuta dago lizentzia honen baitan espesuki adierazitakoa bete gabe Liburutegia kopiatu, aldatu, azpilizentziatu, estekatu edo banatzea. Beste era batean Liburutegia kopiatu, aldatu, azpilizentziatu, estekatu edo banatzeko saio oro deuseza izango da, eta Lizentzia honen baitan dauzkazun eskubideak automatikoki kendu egingo zaizkizun. Dena den, Lizentzia honen pean zuregandik kopiar edo eskubideak jaso dituztenei ez zaizkinek lizentziak kenduko, baldintza guztiak betetzen dituzten bitartean."

#: C/gpl.xml:591(title)
msgid "Section 9"
msgstr "9. atala"

#: C/gpl.xml:593(para)
msgid "You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it."

#: C/gpl.xml:606(title)
msgid "Section 10"
Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

Atal honen zatiren bat baliogabeko edo beteezina bada egoera bereziren batean, atalaaren gainerkako guztia aplikatu beharko da, eta atala bere osotasunek aplikatu beharko da beste egoeretan.
oparoa egin dio jende askok, sistema modu iraunkorrea aplikatuko delakoan. Egile/emailearen esku dago erabakitzea beste sistemaren baten bidez banatu nahi duen edo ez, eta lizentziadun batek ezin du halako erabakirik inposatu.

#: C/gpl.xml:656(para)
msgid "This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License."
msgstr "Atal honek argi eta garbi utzi nahi du zer den Lizentziaren gainerako zatiaren ondoriozat jotzen dena."

#: C/gpl.xml:663(title)
msgid "Section 12"
msgstr "12. atala"

#: C/gpl.xml:665(para)
msgid "If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License."
msgstr "Zenbait herrialdetan Liburutegiaren banaketa edo/eta erabilerako mugatzen baldin badute patenteen edo copyrightdun interfaizen bidez, jatorrizko copyrighta duenak geografikoki mugatu ahal izango du banaketa herrialde horiek kanpoan uzteko, banaketa baztertu gabeko herrialdeetan edo horien artean soilik egin dadin. Halako kasuetan, mugaketa hori Lizentzia honetan sartuta geratuko da, Lizentziaren gorputzean idatzita egongo balitz bezala."

#: C/gpl.xml:677(title)
msgid "Section 13"
msgstr "13. atala"

#: C/gpl.xml:679(para)
msgid "The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns."
msgstr "Free Software Foundation-ek noizean behin Hedadura Txikiagoko Lizentzia Publiko Orokorraren berizziekoak edo berriak argitaratu ditzake. Bertso berri horiek eguneko antzekoak izango dira espirituz, baina arazo edo kezka berriei aurre egin beharko dietenez, litekeena da zehatz-mehatz bat ez etortzea."

#: C/gpl.xml:686(para)
msgid "Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and <quote>any later version</quote>, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation."
Section 14

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<sect1 id="fdl-section7" label="7">
<title> </title>
<para> , , , , , link linkend="fdl-modified"> </link> , , quote> </quote> , , , link linkend="fdl-cover-texts"> </link><link linkend="fdl-section3"> 3</link>, , , , , . </para>
</sect1>

<sect1 id="fdl-section8" label="8">
<title> </title>
<para> , , link linkend="fdl-document"</link>, link linkend="fdl-section4"> 4</link>. , link linkend="fdl-invariant"> </link> , , , , , , . </para>
</sect1>

<sect1 id="fdl-section9" label="9">
<title> </title>
<para> , , , , , link linkend="fdl-document"</link>, , , , , . </para>
</sect1>

<sect1 id="fdl-section10" label="10">
<title> </title>
<para> , link linkend="fdl-document"> </link>, , , ( ) , , ( ) (FSF). </para>
</sect1>

<sect1 id="fdl-using" label="none">
<title> </title>
<para> , : </para>
</sect1>

<blockquote>
<para>Copyright . </para>
<para>/ 1.1 GNU (GFDL), (FSF) link linkend="fdl-invariant"> </link> , link linkend="fdl-cover-texts"> </link>, link linkend="fdl-cover-texts"> </link>. , quote>GNU Free Documentation License</quote>. </para>
</blockquote>

<para> , , quote> </quote>, , , link linkend="fdl-invariant"> </link>, , link linkend="fdl-cover-texts"> </link>, , link linkend="fdl-cover-texts"> </link>. </para>

<para> , , , , , link type="http" url="http://www.gnu.org/copyleft/gpl.html"> GNU</ulink>, . </para>
</sect1>
Open Source Used In Data Center Network Manager 11 11.5(4) 6510
Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

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The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users.

Version 2.1, February 1999

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users.

GNU

Preamble
The licenses for most software are designed to take away your freedom to "share and change it. By contrast, the GNU General Public Licenses are "intended to guarantee your freedom to share and change free software--to "make sure the software is free for all its users."

When we speak of free software, we are referring to freedom, not price. Our "General Public Licenses are designed to make sure that you have the freedom "to distribute copies of free software (and charge for this service if you "wish), that you receive source code or can get it if you want it, that you "can change the software or use pieces of it in new free programs; and that "you know you can do these things."

This license, the Lesser General Public License, applies to some specially "designated software packages--typically libraries--of the Free Software "Foundation and other authors who decide to use it. You can use it too, but "we suggest you first think carefully about whether this license or the "ordinary General Public License is the better strategy to use in any "particular case, based on the explanations below."
"When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things."

"To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it."

"For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights."
We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.
"Most GNU software, including some libraries, is covered by the ordinary GNU "
"General Public License. This license, the GNU Lesser General Public License, "
"applies to certain designated libraries, and is quite different from the "
"ordinary General Public License. We use this license for certain libraries "
"in order to permit linking those libraries into non-free programs."

msgid ""
msgid ""
msgid ""
msgid ""
msgid ""
For example, on rare occasions, there may be a special need to encourage the "widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the "library. A more frequent case is that a free library does the same job as "widely used non-free libraries. In this case, there is little to gain by "limiting the free library to free software only, so we use the Lesser "General Public License."

In other cases, permission to use a particular library in non-free programs "enables a greater number of people to use a large body of free software. For "example, permission to use the GNU C Library in non-free programs enables "many more people to use the whole GNU operating system, as well as its "variant, the GNU/Linux operating system."

Although the Lesser General Public License is Less protective of the users' "freedom, it does ensure that the user of a program that is linked with the "Library has the freedom and the wherewithal to run that program using a "modified version of the Library."
The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a *work based on the library* and a *work that uses the library*. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called *this License*). Each licensee is addressed as *you*.

A *library* means a collection of software functions and/or data prepared so as to be conveniently linked with application programs *(which use some of those functions and data) to form executables.*
The <quote>Library</quote>, below, refers to any such software library or "work which has been distributed under these terms. A <quote>work based on "the Library</quote> means either the Library or any derivative work under "copyright law: that is to say, a work containing the Library or a portion of "it, either verbatim or with modifications and/or translated "straightforwardly into another language. (Hereinafter, translation is "included without limitation in the term <quote>modification</quote>.)"

" <quote></quote> , "
" , "
" , </quote> "
", "
" : , "
" / , "
"(, "
"<quote></quote>.)"

" <quote></quote> for a work means the preferred form of the work "for making modifications to it. For a library, complete source code means "all the source code for all modules it contains, plus any associated "interface definition files, plus the scripts used to control compilation and "installation of the library."

"(, "
".

"Activities other than copying, distribution and modification are not covered "by this License; they are outside its scope. The act of running a program "using the Library is not restricted, and output from such a program is "covered only if its contents constitute a work based on the Library "(independent of the use of the Library in a tool for writing it). Whether "that is true depends on what the Library does and what the program that uses "the Library does."
You may copy and distribute verbatim copies of the Library’s complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable
"sections of that work are not derived from the Library, and can be "
"reasonably considered independent and separate works in themselves, then "
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Library, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."

msgid ""
"         .  
"          ,  
"           ,  
"             ,  
"    .       
"   ,       ,  
"           ,  
"        ,     
"    ,      ."

#: C/index.docbook:332(listitem/para)
msgid ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Library."

msgid ""
"        .  
"          ,  
"           ,  
"             ,  
"    .       
"   ,       ,  
"           ,  
"        ,     
"    ,      ."

#: C/index.docbook:339(listitem/para)
msgid ""
"In addition, mere aggregation of another work not based on the Library with "
"the Library (or with a work based on the Library) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."
"link> above, provided that you also meet all of these conditions: <_:" "orderedlist-1/>
" msgstr ""
" "
" , "
" , "
" <link linkend="sect1"> 1 </link> , "
" , <_:orderedlist-1/>
"

#: C/index.docbook:352(sect2/title)
msgid "Section 3"
msgstr " 3"

#: C/index.docbook:354(sect2/para)
msgid ""
msgstr ""
"You may opt to apply the terms of the ordinary GNU General Public License "
"instead of this License to a given copy of the Library. To do this, you must "
"alter all the notices that refer to this License, so that they refer to the "
"ordinary GNU General Public License, version 2, instead of to this License. "
"(If a newer version than version 2 of the ordinary GNU General Public "
"License has appeared, then you can specify that version instead if you "
"wish.) Do not make any other change in these notices."
msgstr ""
" GNU 
" .
" , 2 
" GNU, .
" ( 
" 2, . ) 
" .
"

#: C/index.docbook:365(sect2/para)
msgid ""
msgstr ""
"Once this change is made in a given copy, it is irreversible for that copy, "
"so the ordinary GNU General Public License applies to all subsequent copies "
"and derivative works made from that copy."
msgstr ""
" GNU 
" .
"

#: C/index.docbook:371(sect2/para)
msgid ""
msgstr ""
"This option is useful when you wish to copy part of the code of the Library "
"into a program that is not a library."
msgstr ""
Section 4

You may copy and distribute the Library (or a portion or derivative of it, under Section 2 in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

Section 5

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is
"called a <quote>work that uses the Library</quote>. Such a work, in "
"isolation, is not a derivative work of the Library, and therefore falls "
"outside the scope of this License."

msgid ""
"","","","<quote> "
" </quote>,",""
"."

#: C/index.docbook:413(sect2/para)
msgid ""
"However, linking a <quote>work that uses the Library</quote> with the "
"Library creates an executable that is a derivative of the Library (because "
"it contains portions of the Library), rather than a <quote>work that uses "
"the library</quote>. The executable is therefore covered by this License."
"<link linkend="sect6">Section 6</link> states terms for distribution of "
"such executables."

msgid ""
","<quote> </quote> "
"","","","( ),<quote> "
" </quote>,"",".
"<link linkend="sect6"> 6</link> "
"."

#: C/index.docbook:422(sect2/para)
msgid ""
"When a <quote>work that uses the Library</quote> uses material from a header "
"file that is part of the Library, the object code for the work may be a "
"derivative work of the Library even though the source code is not. Whether "
"this is true is especially significant if the work can be linked without the "
"Library, or if the work is itself a library. The threshold for this to be "
"true is not precisely defined by law."

msgid ""
"<quote> </quote> "
"","","","","","","","","","","","","","".

#: C/index.docbook:431(sect2/para)
msgid ""
"If such an object file uses only numerical parameters, data structure "
"layouts and accessors, and small macros and small inline functions (ten "
lines or less in length), then the use of the object file is unrestricted,"
"regardless of whether it is legally a derivative work. (Executables"
"containing this object code plus portions of the Library will still fall"
"under <link linkend="sect6"">Section 6</link>)."

msgid ""
msgstr ""

"( ), "
" , ( "
" , "
" <link linkend="sect6"> 6</link>)."

#: C/index.docbook:440(sect2/para)
msgid ""
msgstr ""

"Otherwise, if the work is a derivative of the Library, you may distribute "
"the object code for the work under the terms of <link linkend=""
"\'sect6"">Section 6</link>. Any executables containing that work also fall "
"under <link linkend="sect6">Section 6</link>, whether or not they are "
"linked directly with the Library itself."

msgid ""
msgstr ""

" <link linkend=""
"\'sect6""> 6</link>). "
" <link linkend="sect6"> 6</link>," 
" ."

#: C/index.docbook:451(sect2/title)
msgid "Section 6"
msgstr " 6"

#: C/index.docbook:453(sect2/para)
msgid ""
msgstr ""

"As an exception to the Sections above, you may also combine or link a "
"<quote>work that uses the Library</quote> with the Library to produce a work "
"containing portions of the Library, and distribute that work under terms of "
"your choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications."

msgid ""
msgstr ""

" <quote> <quote>, "
" , "
" , "
" , "
" ."

#: C/index.docbook:473(listitem/para)
msgid ""
msgstr ""

"Accompany the work with the complete corresponding machine-readable source "
"code for the Library including whatever changes were used in the work (which "
"must be distributed under Sections <link linkend="\"sect1\"">1</link> and 
"<link linkend="\"sect2\"">2</link> above); and, if the work is an executable "
"linked with the Library, with the complete machine-readable <quote>work that "
"uses the Library</quote>, as object code and/or source code, so that the "
"user can modify the Library and then relink to produce a modified executable "
"containing the modified Library. (It is understood that the user who changes "
"the contents of definitions files in the Library will not necessarily be "
"able to recompile the application to use the modified definitions.)"

msgid ""
msgstr ""
"            
"     ,    " 
"   (        
"<link linkend="\"sect1\"">1</link>   <link linkend="\"sect2\"">2</link> ) ,          , " 
"      <quote>    
"</quote>,    /  ,    " 
"      . ( , " 
"      , " 
"      , " 
"      )" 

#: C/index.docbook:489(listitem/para)
msgid ""
msgid "Use a suitable shared library mechanism for linking with the Library. A "
"suitable mechanism is one that (1) uses at run time a copy of the library "
"already present on the user's computer system, rather than copying library "
"functions into the executable, and (2) will operate properly with a modified "
"version of the library, if the user installs one, as long as the modified "
"version is interface-compatible with the version that the work was made with."
msgstr ""
"            " 
"          . (1) " 
"            " 
"          , " 
"          , (2) " 
"            " 

#: C/index.docbook:500(listitem/para)
msgid ""
msgid "Accompany the work with a written offer, valid for at least three years, to "
"give the same user the materials specified in <link linkend="\"sect6a\"" 
"">Subsection 6a</link> , above, for a charge no more than the cost of "
"performing this distribution."
msgstr ""
  "  
  "<link linkend="sect6a">"  "
"6</link>,  "
  
#: C/index.docbook:509(listitem/para)
msgid ""
"If distribution of the work is made by offering access to copy from a "
"designated place, offer equivalent access to copy the above specified "
"materials from the same place."
msgstr ""
  
  
  
#: C/index.docbook:516(listitem/para)
msgid ""
"Verify that the user has already received a copy of these materials or that "
"you have already sent this user a copy."
msgstr ""
  
  
#: C/index.docbook:462(sect2/para)
msgid ""
"You must give prominent notice with each copy of the work that the Library "
"is used in it and that the Library and its use are covered by this License. "
"You must supply a copy of this License. If the work during execution "
"displays copyright notices, you must include the copyright notice for the "
"Library among them, as well as a reference directing the user to the copy of "
"this License. Also, you must do one of these things: <_:orderedlist-1/>"
msgstr ""
  
  
  
  
  
  
  
  : <_:orderedlist-1/>"

#: C/index.docbook:524(sect2/para)
msgid ""
"For an executable, the required form of the <quote>work that uses the "
"Library</quote> must include any data and utility programs needed for "
"reproducing the executable from it. However, as a special exception, the "
"materials to be distributed need not include anything that is normally "
"distributed (in either source or binary form) with the major components"
"(compiler, kernel, and so on) of the operating system on which the"
"executable runs, unless that component itself accompanies the executable."

msgid ""
"  ,     <quote>   
" </quote>         
"        . ,  
" ,          
" ,   (    )   
"  (,  ...) "
"  ,       
" = ."
"Accompany the combined library with a copy of the same work based on the "
"Library, uncombined with any other library facilities. This must be "
"distributed under the terms of the Sections above."
msgid ""
msgstr ""
"Give prominent notice with the combined library of the fact that part of it "
"is a work based on the Library, and explaining where to find the "
"accompanying uncombined form of the same work."
msgid ""
msgstr ""

#: C/index.docbook:567(listitem/para)
msgid ""
msgstr ""
"You may not copy, modify, sublicense, link with, or distribute the Library "
"except as expressly provided under this License. Any attempt otherwise to "
"copy, modify, sublicense, link with, or distribute the Library is void, and "
"will automatically terminate your rights under this License. However, "
"parties who have received copies, or rights, from you under this License "
"will not have their licenses terminated so long as such parties remain in "
"full compliance."
msgid ""
msgstr ""

#: C/index.docbook:591(sect2/title)
msgid "Section 9"
msgstr " 9"

#: C/index.docbook:593(sect2/para)
msgid "You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Library or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Library (or any work based on the Library), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Library or works based on it."

"Each time you redistribute the Library (or any work based on the Library), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute, link with or modify the Library subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties with this License."

"If, as a consequence of a court judgment or allegation of patent "
"infringement or for any other reason (not limited to patent issues), "
"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
"excuse you from the conditions of this License. If you cannot distribute so "
"as to satisfy simultaneously your obligations under this License and any "
"other pertinent obligations, then as a consequence you may not distribute "
"the Library at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Library by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Library."

msgstr ""
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#
"C/index.docbook:637(sect2/para)"
msgid ""
msgstr ""
"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply, "
"and the section as a whole is intended to apply in other circumstances."
msgstr ""
"",
"
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"
#
"C/index.docbook:643(sect2/para)"
msgid ""
msgstr ""
"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
msgstr ""
"",
"
"
"
This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to...
address new problems or concerns.

msgstr ""
" (Free Software Foundation) "
" / "
" . "
" , "
" . "

#: C/index.docbook:686(sect2/para)
msgid ""
msgstr ""
"Each version is given a distinguishing version number. If the Library "
"specifies a version number of this License which applies to it and "
"<quote>any later version</quote>, you have the option of following the terms "
"and conditions either of that version or of any later version published by "
"the Free Software Foundation. If the Library does not specify a license "
"version number, you may choose any version ever published by the Free "
"Software Foundation."

msgid ""
msgstr ""
" . "
" , "
"
"<quote> </quote>, "
" , "
" , "
" (Free Software Foundation). "
" , "
" . "

#: C/index.docbook:698(sect2/title)
msgid "Section 14"
msgstr " 14"

#: C/index.docbook:700(sect2/para)
msgid ""
msgstr ""
"If you wish to incorporate parts of the Library into other free programs "
"whose distribution conditions are incompatible with these, write to the "
"author to ask for permission. For software which is copyrighted by the Free "
"Software Foundation, write to the Free Software Foundation; we sometimes "
"make exceptions for this. Our decision will be guided by the two goals of "
"preserving the free status of all derivatives of our free software and of "
"promoting the sharing and reuse of software generally."

msgid ""
msgstr ""
" . "
" , "
" , "
" . "
" (Free "
"Software Foundation), (Free Software "
"Foundation), . "
" . "
"
BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "LIBRARY <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY "PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "CORRECTION."

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE)."
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<sect id="sect3" label="3">
<title>3</title>
<para>GNU . , 2 GNU, ( 2, . ) .</para>
</sect>

<sect id="sect4" label="4">
<title>4</title>
<para>( , <link linkend="sect2">2</link>) , <link linkend="sect1">1</link> <link linkend="sect2">2</link> , , , . </para>
</sect>

<sect id="sect5" label="5">
<title>5</title>
<para>, <quote>,</quote> , . , , , , . </para>
</sect>

<sect id="sect6" label="6">
<title>6</title>
<para>, <quote>,</quote> , . , ( ), . , ( , <link linkend="sect6">6</link> ),</para>
</sect>
Mi ngi u uc quyn sao chp v phn phi nguyn vn ti liu giy php ny, nhng khng c php thay i n.</para>

Phin bn 2, thng 6/1991

Giy php s dng ca hu ht cc phn mm c thit k bn khng c t do chia s v thay i phn mm. Tri li, Giy php Cng cng GNU d nh m bo cho bn c t do chia s v thay i phn mm mt cch t do, v m bo phn mm t do cho mi ngi s dng. Giy php Cng cng GNU ny p dng cho hu ht nhng phn mm ca T chc Phn mm T do, v cho bt k chng trnh my trnh no khe m te gi ca n cam kt s dng n. (Mt s phn mm khe ca T chc Phn mm T do dng Giy php Th vin Cng cng GNU thay th.) Bn cng c th p dng giy php ny cho cc chng trnh do bn ln ra.

Khi chng ti ni v phn mm t do, chng ti cp n s t do s dng, chc nhng phi l gi c. Giy php Cng cng GNU ca chng ti c thit k m bo bn c quyn t do ph t nhn bn sao ca phn mm t do (v thu tin dch v ny nu mun), nhn m ngun hoc c kh nng ly n nu bn mun, bn c th thay i phn mm hay s dng bt k on no ca n trong chng trnh t do mi; v gip bn at r l bn c th lm nhng iu ny.

Bo v quyn li ca bn, chng ti ca a ra nhng hn ch cm bt c ai ph nhn bn c nhng quyn ny hay i hi bn t b n. Nhng s hn ch ny c hiu i mt s trnh nhim nht thit ca bn nu bn ph t nhn bn sao ca phn mm hoc sa i n.

Chng hn, nu bn ph t nhn bn sao ca chng trnh nh vy, d l cho khng hay thu tin, bn phi trao cho ngi nhn tt c nhng quyn bn c. Bn phi chc chn l h cng nhn c hay c th ly m ngun. V bn cng phi cho h bit nhng iu kin ny, h bit nhng quyn ca h.

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<title>IU KIN SAO CHP, PHT HNH V SA I</title>

<sect2 id="sect0" label="0">
<title>Phn 0</title>

<para>Giy php ny p dung cho bt k chng trnh no hay sn phm no kho c thng bo c chn vo bi ngi gi tc quyn ni rng n c th c ph hnh theo cc iu khon ca GPL ny. Cm t Chng trnh di y c nga h l bt k chng trnh my tnghay sn phm nh vy, v sn phm da trn Chng trnh c nga l Chng trnh hay bt k sn phm no bt ngun t n di lut bn quyn: tc l, sn phm cha Chng trnh hay mt phn ca n, hoc ng nguyen vn hch v i sa i v/hoc c dch sang mt ngng nh khe. (K t cu ny, vic dch ng ng c bao gm v hnh trong thut ng s sa i.) Ngi c cp Giy php c gi l bn .</para>

<para>Nhung hot ng khe ngoi s sao chp, pht hnh v sa i kho chn k cim sot bi Giy php ny; n ngoi phm vi ca giy php ny. Hnh ng chy Chng trnh khng b hn ch, v d liu xut t Chng trnh ch b khng ch nu ni dung ca n to thnh mt sn phm da vo Chng trnh (khng ph thuc vo vic vn hnh Chng trnh). iu ng ng hay khng ph thuc vo iu m Chng trnh to ra.</para>

</sect2>

</sect1>

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Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

Nhung iu kin ny p dng cho ton b sn phm b sa i. Nu c th nhn ra phn ring ca sn phm khng bt ngun t Chng trnh, v cc phn ny c th c xem mt cch hp l l sn phm ring v khng ph thuc, th Giy ph ny, v cc iu kin ca n, khng p dng cho nhng phn ring khi bn pht hnh chng l sn phm ring. Tuy nhin, khi bn pht hnh nhng phn cng vi ton b sn phm da vo Chng trnh, s pht hnh ton b ny phi tun theo iu kin ca Giy ph ny, cung cp cho mi ngi c quyn bao trm ton b sn phm, bao qut tt c mi phn ca n, bt k ai to n.

Nhung ny nh ni v quyn hn trong iu khin s pht hnh sn phm bt ngun t hay sn phm hp tc tp th da vo Chng trnh.
Hn na, vic cha cc sn phm khng da vo Chng trnh cng vi Chng trnh (hay vi sn phm da vo Chng trnh) trn thit b lu tr hay vt phl hnh khng nm trong phm vi ca Giy php ny.</para>

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<para>Nu vic pht hn nh m chy c hay m i tng c lm bng cch trao truy cp sao chp t mt ni xe nh, th vic trao cc truy cp sao chp tng ng n m ngun t cng ni c thnh l s pht hn nh m ngun, mc d ngi khc khng bt buc phi sao chp m ngun cng vi m i tng.</para>

</sect2>

<sect2 id="sect4" label="4">
<title>Phn 4</title>

<para>Khng cho php bn sao chp, sa i, cp giy php ph hay pht hn nh Chng trnh, tr vi iu kin c din t dt khot trong Giy php ny. Bt k s c gng no trong vic sao chp, sa i, cp giy php ph hay pht hn nh Chng trnh bng cch khc b bi b, v s kt the cc quyn ca bn di Giy php ny. Tuy nhin, ngi khc nhn bn sao hay quyn t bn di Giy php ny s khng b nh hng, min l h tip tc tun theo hon ton.</para>

</sect2>

<sect2 id="sect5" label="5">
<title>Phn 5</title>

<para>Bn khng bt buc phi chp nhn Giy php ny, v bn cha k tn vo n. Tuy nhin, khng c g khc cho php bn sa i hay pht hn nh Chng trnh hay sn phm bt ngun t n. Cc hn nh ng y b php lut cm nu bn khng chp nhn Giy php ny. V vy, bng cch sa i hay pht hn nh Chng trnh (hay sn phm da vo n), bn ng s chp nhn Giy php ny lm nh th, gm mi iu kin sao chp, pht hn nh hay sa i Chng trnh hay sn phm da vo n.</para>

</sect2>

<sect2 id="sect6" label="6">
<title>Phn 6</title>

<para>Mi ln bn pht hnh li Chng trnh (hay sn phm da vo n), ngi nhn c th nhn t ng mt giy php t ngi cp gc, sao chp, pht hn nh hay sa i Chng trnh vi iu kin ny. Khng cho php bn hn ch thm cch ngi dng s dng cc quyn c cp trong Giy php ny. Bn cng khng phi chu trch nhim v vic p buc ngi khc tun theo iu kin ca Giy php ny.</para>

</sect2>

<sect2 id="sect7" label="7">
<title>Phn 7</title>

<para>Nu, do kt qu ca quyt nh ca to n hay cc co buc vi phm bng sng ch hay v bt c l do no (khng b gii hn trong vn bng sng ch), bn b p buc chp nhn iu kin (hoc v quyt nh ca to n, s tho thun hoc cch khc no) m mu thun iu kin ca Giy php ny, trng hp ny khng min cho bn khng phi tha mn iu kin ca Giy php ny. Nu bn khng th pt hnh bng cch tha mn ng thi cc giao c ca bn di Giy php ny v bt k giao c thch hp khc, th kt qu l khng cho php bn pt hnh Chng trnh bng cch no c. Ly th d, nu mt bng sng ch no khng cho php s pt hnh li Chng trnh mt cch min tin bn quyn pt minh cho mi ngi nhn bn sao t bn mt cch trc tip hay gin tip, th cch duy nht bn c th th ca c bng v Giy php ny l hon ton khng pht hnh Chng trnh.</para>

</sect2>

<para>Nu on no trong phn ny e quyt nh l khng hp l hay khng th c p buc trong bt k trng hp ring no, on cn li d nh p dng c, v ton b phn d nh p dng trong cc trng hp khc.</para>

</sect2>

<sect2 id="sect8" label="8">
<title>Phn 8</title>

<para>Khng phi l mc ch ca phn ny xi gic bn vi phm bng sng ch no hay li yu sch quyn ti sn khc, hoc khng th a nhn s hp l ca li yu sch nh vy; phn ny c mc ch duy nht l bo v trng trng nguy vn ca h thng pht hnh phn mm t do, m c

</para>
thc thi bi cc p dna giy php cng cng. Nhiu ngi ng gp rng lng cho mt phm v rng ca cc phn mm c phl hnh qua h thng , nh s the thi nn b h thng : ty te gi / ngi tng quy nh nh u h mun phl hnh phn mm qua h thng khc no, v ngi c cp Giy php khng th ih khin cch quy nh .</para>

<para>Pn ny d nh din tr rng hon ton kt qu c hiu ca phn cn li ca Giy php ny.</para>

<sect2 id="sect8" label="8">
<title>Phn 8</title>
<para>Phn ny d nh din tr rng hon ton kt qu c hiu ca phn cn li ca Giy php ny.</para>

<para>Nu s phl hnh v/hay cch s dna Chng trnh b hn ch trong mt s quc gia no , hoc bi bng sng ch hoc bi giao din c bn quy n te gi, ngi gi te quy n gc t Chng trnh di Giy php ny c kh nng thm s hnh c phl hnh a l ring loi tr nhng quy nc gia , cho php phl hnh ch trong hay gia cc quc gia khng b loi tr nh th. Trong trng hp nh vy, Giy php ny hp nht s hnh c nh l n c ghi trong thn ca Giy php ny.</para>

<sect2 id="sect9" label="9">
<title>Phn 9</title>
<para>T chc Phn mm T do c th xut bn phn bn sa i v/hay mi ca Giy php Cng cng GNU. Phin bn mi nh vy s c tinh thn tng t vi phn bn hin thi, nhng c th khc bit trong chi tit gi quy vn mi.</para>

<para>Mi phn bn c gn mt s hiu phn bit phn bn . Nu Chng trnh xc nh s phn bn ring ca Giy php ny p dna cho n, v bt k phn bn sau no , bn c t y chn tha iu kin hoc ca phn bn , hoc ca bt k phn bn sau no c xut bn bi T chc Phn mm T do. Nu Chng trnh khng xc nh s phn bn ring ca Giy php ny, bn c kh nng chn bt k phn bn no ca Giy php ny c xut bn bi T chc Phn mm T do.</para>

<sect2 id="sect10" label="10">
<title>Phn 10</title>
<para>Nu bn mun hp nht phn no ca Chng trnh vo chng trnh t do kho c iu kin phl hnh khc GPL, hy xin php te gi. i vi phn mm c bn quy n te gi ca T chc Phn mm T do, hy vit th cho T chc Phn mm T do : thng thong chng ti cho php ngoi l trong trng hp ny. Quy t nh ca chng ti s c hng dn bi hai mc ch l s bo tu trng thi t do ca mi iu bt ngun t phn mm t do ca chng ti, v s y mnhx chia s v s dna l phn mm mt cch chung.</para>

<sect2 id="sect11" label="11">
<title>KHNG BO HNH</title>
<subtitle>Phn 11</subtitle>
<para>V CHNG TRNH C CP PHP MIN PH, KHNG C BO HNH I VI CHNG TRNH NY, VI IU KIN C PHP LUT CHO PHP, TR KHI XC NH KHC BNG TI LIU GIY T, CC NGI GI BN QUYN TC GI V/HAY NGI KHC CUNG CP CHNG TRNH NY NH TH , KHNG C BO HNH G C, KHNG PHT BIU N, CNG KHNG NG N, GM, NHNG KHNG B HN CH BI, S BO M NG TNH TRNG C TH BN C V S THCH HP VI MT MC CH DT KHOT. MI RI RO V CHT LNG, CHNH XC V HIU SUT CA CHNG TRNH NY BN S T CHU. NU CHNG TRNH NY GY RA H HNG, BN GNH VC HON TON TRCH NGHIM TR TIN DCH V GIP HAY SA CHA.</para>
KHNG C TRNG HP NO (TR KHI PHP LUT YU CU HAY KHI C THA THUN BNG TI LIU GIY T) M BT K NGI GI BN QUYN TC GI NO, HAY BT K NGI KHC NO C TH SA I V/HAY PHT HNH LI CHNG TRNH NH C PHP BN TRN, S C TRCH NHIM V PHP L BI THNG, GM BT K BI THNG KIU TNG QUT, C BIT, NGU NHIN HAY DO HU QU DO S DNG HAY S KHNG C KH NNG S DNG CHNG TRNH NY (GM NHNG KHNG PHI B HN TH BI S MT D LIU HAY D LIU B LM CHO KHNG CHNH XC HAY CC MT MT CA BN HAY NGI KHC HAY S KHNG HOT NG C CHNG TRNH NY VI CHNG TRNH KHC), THM CH NU BN HAY NGI KHC C BO BIT C KH NNG THIT HI NH VY. </para>
</sect2>
</sect1>
</article>
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</para>

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<title>0</title>
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<para>
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</li>
<li>
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</li>
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</para>

</sect2>

<sect2 id="sect5" label="5">
<title>5</title>

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<para>
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</para>

<para>
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</para>

<para>
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work. (Executables containing this object code plus portions of the
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</para>

<para>
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For an executable, the required form of the work that uses the Library must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.
</para>

</sect2>

<sect2 id="sect7" label="7">
<title> 7</title>

<para>
You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:
</para>

<orderedlist numeration="loweralpha">
<li>
<para>
Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.
</para>
</li>
<li>
<para>
Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.
</para>
</li>
</orderedlist>
</sect2>

<sect2 id="sect8" label="8">
<title> 8</title>

<para>
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the Free Software Foundation.
</para>
</sect2>

<sect2 id="sect14" label="14">
<title>14</title>

<para>
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write to the author to ask for permission. For software which is
copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.
</para>
</sect2>

<sect2 id="sect15" label="15">
<title>15</title>
<br/>&lt;subtitle&gt;15&lt;/subtitle&gt;

<para>
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</para>
</sect2>

<sect2 id="sect16" label="16">
<title>16</title>
<br/>&lt;para&gt;16&lt;/para&gt;

<para>
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</para>
</sect2>
</sect1>
</article>

# German GPL doc translation
# Copyright (C) 2008 Free Software Foundation, Inc.
# This file is distributed under the same license as the gnome-desktop documentation package.
#
# Peter Gerwinski <peter@gerwinski.de>, 1996, 2000.
# Mario Blttermann <mario.blaettermann@gmail.com>, 2008, 2012.
#
msgid ""
msgstr ""
"Project-Id-Version: desktop-gpl
"POT-Creation-Date: 2012-08-06 16:59+0000
"PO-Revision-Date: 2012-08-09 22:09+0100
"Last-Translator: Mario Blttermann <mario.blaettermann@gmail.com>
"Language-Team: German <gnome-de@gnome.odg>
"Language: de
"MIME-Version: 1.0
"Content-Type: text/plain; charset=UTF-8
"Content-Transfer-Encoding: 8bit
"X-Poedit-Language: German
"X-Poedit-Country: GERMANY
"X-Poedit-SourceCharset: utf-8

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
msgid "translator-credits"
msgstr "Peter Gerwinski <peter@gerwinski.de>, 1996, 2000"
"Mario Blttermann <mario.blaettermann@gmail.com>, 2008, 2012"

#: C/index.docbook:17(articleinfo/title)
msgid "GNU General Public License"
msgstr "Allgemeine ffentliche GNU-Lizenz"

#: C/index.docbook:18(articleinfo/copyright)
msgid "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"
msgstr "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"
Open Source Used In Data Center Network Manager 11 11.5(4) 6564

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"Originalversion. Die Free Software Foundation möchte Sie darum bitten, diese "
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"Programme zu verwenden. Bitte benutzen Sie hierfür stattdessen die von der "
"Free Software Foundation herausgegebene englischsprachige Originalversion."

#: C/index.docbook:54(articleinfo/releaseinfo)
msgid "Version 2, June 1991"
msgstr "Version 2, Juni 1991"

#: C/index.docbook:58(abstract/para)
msgid """" msgstr """" 
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public License is intended "
"to guarantee your freedom to share and change free software - to make sure "
"the software is free for all its users."
msgstr """
"Die meisten Softwarelizenzen sind daraufhin entworfen worden, Ihnen die "
"Freiheit zu nehmen, die Software weiterzugeben und zu verändern. Im Gegensatz "
"dazu soll Ihnen die GNU General Public License, die Allgemeine öffentliche "
"GNU-Lizenz, ebendiese Freiheit garantieren."

#: C/index.docbook:67(sect1/title)
msgid "Preamble"
msgstr "Vorwort"

#: C/index.docbook:69(sect1/para)
msgid """" msgstr """" 
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public License is intended "
"to guarantee your freedom to share and change free software - to make sure "
"the software is free for all its users. This General Public License applies "
"to most of the Free Software Foundation's software and to any other program "
"whose authors commit to using it. (Some other Free Software Foundation "
"software is covered by the GNU Library General Public License instead.) You "
"can apply it to your programs, too."
msgstr """
"Die meisten Softwarelizenzen sind daraufhin entworfen worden, Ihnen die "
"Freiheit zu nehmen, die Software weiterzugeben und zu verändern. Im Gegensatz "
"dazu soll Ihnen die GNU General Public License, die Allgemeine öffentliche "
"GNU-Lizenz, ebendiese Freiheit garantieren. Sie soll sicherstellen, da die "
"Software fr alle Benutzer frei ist. Diese Lizenz gilt fr den Groteil der "
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"Allgemeinen ffentlichen GNU-Lizenz fr Bibliotheken.)"

#: C/index.docbook:81(sect1/para)
msgid ""
msgstr ""
"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."
msgstr ""
"Die Bezeichnung \"freie\" Software bezieht sich auf Freiheit, nicht auf den "
"Preis. Unsere Lizenzen sollen Ihnen die Freiheit garantieren, Kopien freier "
"Software zu verbreiten (und etwas fr diesen Service zu berechnen, wenn Sie "
"wollen), die Mglichkeit, die Software im Quelltext zu erhalten oder den "
"Quelltext auf Wunsch zu bekommen. Die Lizenzen sollen garantieren, da Sie "
"die Software ndern oder Teile davon in neuen freien Programmen verwenden "
"dürfen - und da Sie wissen, da Sie dies alles tun dürfen."
"Quelltext erhalten bzw. erhalten können. Und Sie müssen ihnen diese "
"Bedingungen zeigen, damit sie ihre Rechte kennen."

#: C/index.docbook:109(listitem/para)
msgid "copyright the software, and"
msgstr "Wir stellen die Software unter ein Urheberrecht (Copyright), und"

#: C/index.docbook:114(listitem/para)
msgid "offer you this license which gives you legal permission to copy, distribute "
"and/or modify the software."
msgstr "wir bieten Ihnen diese Lizenz an, die Ihnen das Recht gibt, die Software zu "
"vervielfältigen, zu verbreiten und/oder zu verndern."

#: C/index.docbook:104(sect1/para)
msgid "We protect your rights with two steps: <_:orderedlist-1/>"
msgstr "Wir schützen Ihre Rechte in zwei Schritten: <_:orderedlist-1/>"

#: C/index.docbook:122(sect1/para)
msgid ""Also, for each author's protection and ours, we want to make certain that "
"everyone understands that there is no warranty for this free software. If the "
"software is modified by someone else and passed on, we want its recipients to "
"know that what they have is not the original, so that any problems introduced "
"by others will not reflect on the original authors' reputations."
msgstr "Um die Autoren und uns zu schützen, wollen wir darber hinaus sicherstellen, "
"dass jeder erfährt, dass für diese freie Software keinerlei Garantie besteht. "
"Wenn die Software von jemand anderem modifiziert und weitergegeben wird, "
"machten wir, dass die Empfänger wissen, dass sie nicht das Original erhalten "
"haben, damit irgendetwelche von anderen verursachte Probleme nicht den Ruf des "
"ursprünglichen Autors schädigen."

#: C/index.docbook:131(sect1/para)
msgid "Finally, any free program is threatened constantly by software patents. We "
"wish to avoid the danger that redistributors of a free program will "
"individually obtain patent licenses, in effect making the program "
"proprietary. To prevent this, we have made it clear that any patent must be "
"licensed for everyone's free use or not licensed at all."
msgstr "Schließlich und endlich ist jedes freie Programm permanent durch Software-" 
"Patente bedroht. Wir möchten die Gefahr ausschließen, da Distributoren eines "
"freien Programms individuell Patente lizensieren - mit dem Ergebnis, da das "
"Programm proprietär werde. Um dies zu verhindern, haben wir klargestellt, da "
"jedes Patent entweder fr freie Benutzung durch jedermann lizensiert werden "
"mu oder berhaupt nicht lizensiert werden darf."
The precise terms and conditions for copying, distribution and modification follow.

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You may copy and distribute verbatim copies of the source code of the Program (available in the program's documentation) in any medium, either source code form or in compiled or object code form, and you may make changes to the portions of the source code marked for eventual publication by the copyright holder.

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Section 4: Terminal Interface

If you provide an interactive terminal interface for the Program, you must ensure that it displays the complete set of notices included in the Program's documentation.

Section 5: Accepting Source Code

You may accept source code from the Program's copyright holder for modification or redistribution. The copyright holder has the right to require the acceptance of source code from you. You must then modify or redistribute the source code in accordance with the terms of this License.

Section 6: Documentation

If you include the documentation for the Program in an installationoyo, you必须 ensure that the documentation is included with the source code.

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- A reference to the program's documentation

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"made by running the Program). Whether that is true depends on what the "
"Program does."

msgstr ""

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"Ausgaben des Programms unterliegen dieser Lizenz nur, wenn der Inhalt ein auf "
"dem Programm basierendes Datenwerk darstellt (unabhängig davon, dass die "
"Ausgabe durch die Ausführung des Programms erfolgte). Ob dies zutrifft, "
"hängt von den Funktionen des Programms ab."

#: C/index.docbook:173(sect2/title)
msgid "Section 1"
msgstr "Paragraph 1"

#: C/index.docbook:174(sect2/para)
msgid ""
"You may copy and distribute verbatim copies of the Program's source code as "
"you receive it, in any medium, provided that you conspicuously and "
"appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and give any other recipients of "
"the Program a copy of this License along with the Program."

msgstr ""
"Sie dürfen auf beliebigen Medien unveränderte Kopien des Quelltextes des "
"Programms, wie sie ihn erhalten haben, anfertigen und verbreiten. "
"Voraussetzung hierfür ist, dass Sie mit jeder Kopie einen entsprechenden "
"Copyright-Vermerk sowie einen Haftungsausschluss veröffentlichen, alle "
"Vermerke, die sich auf diese Lizenz und das Fehlen einer Garantie beziehen, "
"unverändert lassen und des weiteren allen anderen Empfängern des Programms "
"zugemeins mit dem Programm eine Kopie dieser Lizenz zukommen lassen."

#: C/index.docbook:183(sect2/para)
msgid ""
"You may charge a fee for the physical act of transferring a copy, and you may "
"at your option offer warranty protection in exchange for a fee."

msgstr ""
"Sie dürfen für den eigentlichen Kopiervorgang eine Gebühr verlangen. Wenn Sie "
"das wünschen, dürfen Sie auch gegen Entgelt eine Garantie für das Programm "
"anbieten."

#: C/index.docbook:190(sect2/title)
msgid "Section 2"
msgstr "Paragraph 2"

#: C/index.docbook:199(listitem/para)
msgid ""
"You must cause the modified files to carry prominent notices stating that you "
"changed the files and the date of any change."
msgid ""
msgstr ""
"Sie mussen die veränderten Dateien mit einem auffälligen Vermerk versehen, "
"der auf die von Ihnen vorgenommene Modifizierung und das Datum jeder Änderung "
"hinweist."

#: C/index.docbook:205(listitem/para)
msgid "You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of this "
"License."
msgid ""
msgstr ""
"Sie müssen dafür sorgen, dass jede von Ihnen verbreitete oder veröffentlichte "
"Arbeit, die ganz oder teilweise von dem Programm oder Teilen davon abgeleitet "
"ist, Dritten gegenüber als Ganzes unter den Bedingungen dieser Lizenz ohne "
"Lizenzgebühren zur Verfügung gestellt wird."

#: C/index.docbook:223(note/title)
msgid "Exception:"
msgid "Ausnahme:"

#: C/index.docbook:224(note/para)
msgid "If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."
msgid ""
msgstr ""
"Wenn das Programm selbst interaktiv arbeitet, aber normalerweise keine "
"derartige Meldung ausgibt, muss Ihr auf dem Programm basierendes Datenwerk "
"auch keine solche Meldung ausgeben."

#: C/index.docbook:213(listitem/para)
msgid "If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying that "
"you provide a warranty) and that users may redistribute the program under "
"these conditions, and telling the user how to view a copy of this License. <_: "
"note-1/>"
msgid ""
msgstr ""
"Wenn das veränderte Programm normalerweise bei der Ausführung interaktiv "
"Kommandos einliest, müssen Sie dafür sorgen, dass es, wenn es auf dem "
"blichsten Wege für solche interaktive Nutzung gestartet wird, eine Meldung "
"ausgibt oder ausdruckt, die einen geeigneten Copyright-Vermerk enthält sowie "
"einen Hinweis, dass es keine Gewährleistung gibt (oder anderenfalls, dass Sie "
"Garantie leisten), und da die Benutzer das Programm unter diesen Bedingungen "
"weiter verbreiten dürfen. Auch mu der Benutzer darauf hingewiesen werden, "
"wie er eine Kopie dieser Lizenz ansehen kann. `<note-1>`"

"You may modify your copy or copies of the Program or any portion of it, thus "
"forming a work based on the Program, and copy and distribute such "
"modifications or work under the terms of `<link linkend="sect1">Section 1</i>` "
"link> above, provided that you also meet all of these conditions: `<:orderedlist-1>`"

"Sie dürfen Ihre Kopie(n) des Programms oder eines Teils davon verändern, "
"wodurch ein auf dem Programm basierendes Datenwerk entsteht; Sie dürfen "
"derartige Bearbeitungen unter den Bestimmungen von `<link linkend=""\"sect1\">Paragraph 1</link>` vervielfältigen und verbreiten, vorausgesetzt. "
"dass zusätzlich alle im folgenden genannten Bedingungen erfüllt werden: `<:orderedlist-1>`"

"These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Program, and can be reasonably "
"considered independent and separate works in themselves, then this License, "
"and its terms, do not apply to those sections when you distribute them as "
"separate works. But when you distribute the same sections as part of a whole "
"which is a work based on the Program, the distribution of the whole must be "
"on the terms of this License, whose permissions for other licensees extend to "
"the entire whole, and thus to each and every part regardless of who wrote it."
"Somit ist es nicht die Absicht dieses Abschnittes, Rechte für Datenwerke in "
"Anspruch zu nehmen oder Ihnen die Rechte für Datenwerke streitig zu machen, "
"die komplett von Ihnen geschrieben wurden; vielmehr ist es die Absicht, die "
"Rechte zur Kontrolle der Verbreitung von Datenwerken, die auf dem Programm "
"basieren oder unter seiner auszugsweisen Verwendung zusammengestellt worden "
"sind, auszuben.

"In addition, mere aggregation of another work not based on the Program with "
"the Program (or with a work based on the Program) on a volume of a storage or "
"distribution medium does not bring the other work under the scope of this "
"License."
"Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)"

"You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following: <_: orderedlist-1/>

"The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable."

"Unter dem Quelltext eines Datenwerkes wird diejenige Form des Datenwerkes verstanden, die für Bearbeitungen vorzugsweise verwendet wird. Fr ein ausführbares Programm bedeutet „der komplette Quelltext“: Der Quelltext aller im Programm enthaltenen Module einschließlich aller zugehörigen Modulschnittstellen-Definitionsdateien sowie der zur Compilation und
"Installation verwendeten Skripte. Als besondere Ausnahme jedoch braucht der "
"verteilte Quelltext nichts von dem zu enthalten, was blicherweise (entweder "
"als Quelltext oder in binnter Form) zusammen mit den Hauptkomponenten des "
"Betriebssystems (Kernel, Compiler usw.) geliefert wird, unter dem das "
"Programm luft - es sei denn, diese Komponente selbst gehrt zum ausfhrbaren "
"Programm."

#: C/index.docbook:307(sect2/para)
msgid ""
"If distribution of executable or object code is made by offering access to "
"copy from a designated place, then offering equivalent access to copy the "
"source code from the same place counts as distribution of the source code, "
"even though third parties are not compelled to copy the source along with the "
"object code."
msgstr ""
"Wenn die Verbreitung eines ausfhrbaren Programms oder von Objectcode dadurch "
"erfolgt, da der Kopierzugriff auf eine dafr vorgesehene Stelle gewhrt "
"wird, so gilt die Gewhrung eines gleichwertigen Zugriffs auf den Quelltext "
"als Verbreitung des Quelltextes, auch wenn Dritte nicht dazu gezwungen sind, "
"den Quelltext zusammen mit dem Objectcode zu kopieren."

#: C/index.docbook:316(sect2/title)
msgid "Section 4"
msgstr "Paragraph 4"

#: C/index.docbook:318(sect2/para)
msgid ""
"You may not copy, modify, sublicense, or distribute the Program except as "
"expressly provided under this License. Any attempt otherwise to copy, modify, "
"sublicense or distribute the Program is void, and will automatically "
"terminate your rights under this License. However, parties who have received "
"copies, or rights, from you under this License will not have their licenses "
"terminated so long as such parties remain in full compliance."
msgstr ""
"Sie drfen das Programm nicht vervielfltigen, verndern, weiter lizenzieren "
"oder verbreiten, sofern es nicht durch diese Lizenz ausdrklich gestattet "
"ist. Jeder anderweitige Versuch der Vervielfltigung, Modifizierung, "
"Weiterlizenzierung und Verbreitung ist nichtig und beendet automatisch Ihre "
"Rechte unter dieser Lizenz. Jedoch werden die Lizenzen Dritter, die von Ihnen "
"Kopien oder Rechte unter dieser Lizenz erhalten haben, nicht beendet, solange "
"diese die Lizenz voll anerkennen und befolgen."

#: C/index.docbook:328(sect2/title)
msgid "Section 5"
msgstr "Paragraph 5"

#: C/index.docbook:330(sect2/para)
msgid ""
"You are not required to accept this License, since you have not signed it."
"However, nothing else grants you permission to modify or distribute the"
"Program or its derivative works. These actions are prohibited by law if you"
"do not accept this License. Therefore, by modifying or distributing the"
"Program (or any work based on the Program), you indicate your acceptance of"
"this License to do so, and all its terms and conditions for copying,"
"distributing or modifying the Program or works based on it."

msgid "Section 6"
msgstr "Paragraph 6"

"Each time you redistribute the Program (or any work based on the Program),"
"the recipient automatically receives a license from the original licensor to"
"copy, distribute or modify the Program subject to these terms and conditions."
"You may not impose any further restrictions on the recipients' exercise of"
"the rights granted herein. You are not responsible for enforcing compliance"
"by third parties to this License."

msgid "Section 7"
msgstr "Paragraph 7"

"If, as a consequence of a court judgment or allegation of patent infringement"
"or for any other reason (not limited to patent issues), conditions are"
"imposed on you (whether by court order, agreement or otherwise) that"
"contradict the conditions of this License, they do not excuse you from the"
"conditions of this License. If you cannot distribute so as to satisfy "
"simultaneously your obligations under this License and any other pertinent "
"obligations, then as a consequence you may not distribute the Program at all. "
"For example, if a patent license would not permit royalty-free redistribution "
"of the Program by all those who receive copies directly or indirectly through "
"you, then the only way you could satisfy both it and this License would be to "
"refrain entirely from distribution of the Program."

msgid ""Sollten Ihnen infolge eines Gerichtsurteils, des Vorwurfs einer "
"Patentverletzung oder aus einem anderen Grunde (nicht auf Patentfragen "
"begrenzt) Bedingungen (durch Gerichtsbeschluss, Vergleich oder anderweitig) "
"auferlegt werden, die den Bedingungen dieser Lizenz widersprechen, so "
"befreien Sie diese Umstände nicht von den Bestimmungen dieser Lizenz. Wenn es "
"Ihnen nicht möglic ist, das Programm unter gleichzeitiger Beachtung der "
"Bedingungen in dieser Lizenz und Ihrer anderweitigen Verpflichtungen zu "
"verbreiten, dann dürfen Sie als Folge das Programm berhaupt nicht "
"verbreiten. Wenn zum Beispiel ein Patent nicht die gebührenfreie "
"Weiterversbreitung des Programms durch diejenigen erlaubt, die das Programm "
"direkt oder indirekt von Ihnen erhalten haben, dann besteht der einzige Weg, "
"sowohl das Patentrecht als auch diese Lizenz zu befolgen, darin, ganz auf die "
"Verbreitung des Programms zu verzichten."

msgid ""If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply and "
"the section as a whole is intended to apply in other circumstances."

msgid ""Sollte sich ein Teil dieses Paragraphen als ungültig oder unter bestimmten "
"Umständen nicht durchsetzbar erweisen, so soll dieser Paragraph seinem Sinne "
"nach angewandt werden; im brigen soll dieser Paragraph als Ganzes gelten."

msgid ""It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system, which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a licensee "
"cannot impose that choice."

msgid ""Zweck dieses Paragraphen ist nicht, Sie dazu zu bringen, irgendwelche Patente "
"oder andere Eigentumsansprüche zu verletzen oder die Gültigkeit solcher "
"Ansprüche zu bestreiten; dieser Paragraph hat einzig den Zweck, die "
"Integrität des Verbreitungssystems der freien Software zu schützen, das durch "

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This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

### Section 8

If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

### Section 9

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"Software im allgemeinen zu fremd."

#: C/index.docbook:432(sect2/title)
msgid "NO WARRANTY"
msgstr "Keine Gewährleistung"

#: C/index.docbook:433(sect2/subtitle)
msgid "Section 11"
msgstr "Paragraph 11"

#: C/index.docbook:435(sect2/para)
msgid "" "BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE " "PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE " "STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE " "PROGRAM <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED " "OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF " "MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO " "THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM " "PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR " "CORRECTION."
msgstr "" "Da das Programm ohne jegliche Kosten lizenziert wird, besteht keinerlei " "Gewährleistung für das Programm, soweit dies gesetzlich zulässig ist. Sofern " "nicht anderweitig schriftlich bestätigt, stellen die Copyright-Inhaber und/" "oder Dritte das Programm so zur Verfügung, wie es ist, ohne irgendeine " "Gewährleistung, weder ausdrücklich noch implizit, einschließlich - aber nicht " "begrenzt auf - Marktreife oder Verwendbarkeit für einen bestimmten Zweck. Das " "volle Risiko bezüglich Qualität und Leistungsfähigkeit des Programms liegt " "bei Ihnen. Sollte sich das Programm als fehlerhaft herausstellen, liegen die " "Kosten für notwendigen Service, Reparatur oder Korrektur bei Ihnen."

#: C/index.docbook:446(sect2/title)
msgid "Section 12"
msgstr "Paragraph 12"

#: C/index.docbook:448(sect2/para)
msgid "" "IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL " "ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE " "THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY " "GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE " "OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR " "DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR " "A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH " "HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES."
msgstr "" "In keinem Fall, auser wenn durch geltendes Recht gefordert oder schriftlich "
"zugewiesen, ist irgendein Copyright-Inhaber oder irgendein Dritter, der das "
"Programm wie oben erlaubt modifiziert oder verbreitet hat, Ihnen gegenüber "
"fr irgendeinige Schäden haftbar, einschließlich jeglicher allgemeiner oder "
"spezieller Schäden, Schäden durch Seiteneffekte (Nebenwirkungen) oder "
"Folgeschäden, die aus der Benutzung des Programms oder der Unbenützbarkeit "
"des Programms folgen (einschließlich - aber nicht beschränkt auf - "
"Datenverluste, fehlerhafte Verarbeitung von Daten, Verluste, die von Ihnen "
"oder anderen getragen werden müssen, oder dem Unvermögen des Programms, mit "
"irgendeinem anderen Programm zusammenzuarbeiten), selbst wenn ein Copyright-"
"Inhaber oder Dritter der Möglichkeit solcher Schäden unterrichtet worden "
"war."

#~ msgid "2000"
#~ msgstr "2000"

#~ msgid "2"
#~ msgstr "2"

#~ msgid "1991-06"
#~ msgstr "Juni 1991"
# Brazilian Portuguese translation for gnome-desktop.
# Copyright (C) 2013 gnome-desktop's COPYRIGHT HOLDER
# This file is distributed under the same license as the gnome-desktop package.
# Marcelo Rodrigues <marcelopires@mmsantos.com.br>, 2010.
# Rafael Ferreira <rafael.f.f1@gmail.com>, 2012.
# Enrico Nicoletto <liverig@gmail.com>, 2013.
msgid ""
msgstr ""
"Project-Id-Version: gnome-desktop master"
"POT-Creation-Date: 2012-09-09 23:08+0000"
"PO-Revision-Date: 2013-08-17 07:22-0200"
"Last-Translator: Enrico Nicoletto <liverig@gmail.com>"
"Language-Team: Brazilian Portuguese <gnome-pt-br-list@gnome.org>"
"Language: pt_BR"
"MIME-Version: 1.0"
"Content-Type: text/plain; charset=UTF-8"
"Content-Transfer-Encoding: 8bit"
"Plural-Forms: nplurals=2; plural=(n > 1)"
"X-Generator: Virtaal 0.7.1"
"X-Project-Style: gnome"

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
msgctxt "_"
msgid "translator-credits"
msgstr ""
"Marcelo Rodrigues <marcelopires@mmsantos.com.br>, 2010"
"Rafael Ferreira <rafael.f.f1@gmail.com>, 2012"
GNU Lesser General Public License

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USA

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The licenses for most software are designed to take away your freedom to "
share and change it. By contrast, the GNU General Public Licenses are "
intended to guarantee your freedom to share and change free software - to "
"make sure the software is free for all its users."

"When we speak of free software, we are referring to freedom, not price. Our "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."

"Quando falamos software livre, estamos nos referindo a liberdade, no "
"preo. Nossas Licenas Pblicas Gerais so desenvolvidas para assegurar que "
"voc tenha a liberdade de distribuir cpias de software livre(e cobrar por "
"este servio se voc desejar), que voc receba o cdigo-fonte ou possa "
"receber se desejar, que você possa modificar o software ou usar partes dele "
"em novos programas livres; e que você saiba que pode fazer tais coisas."

#: C/index.docbook:79(sect1/para)
msgid ""
msgstr ""
"This license, the Lesser General Public License, applies to some specially "
"designated software packages--typically libraries--of the Free Software "
"Foundation and other authors who decide to use it. You can use it too, but "
"we suggest you first think carefully about whether this license or the "
"ordinary General Public License is the better strategy to use in any "
"particular case, based on the explanations below."
msgstr ""
"Esta licença, a Licença Pública Geral Menor (Lesser General Public "
"License), se aplica a pacotes de software especialmente designados --"
"tipicamente bibliotecas-- da Free Software Foundation e outros autores que "
"decidiram us-la. Você pode us-la também, mas sugerimos que você primeiro "
"pense cuidadosamente se esta licença ou a General Public License normal a "
"melhor estratégia para utilizar em qualquer caso específico, baseado nas "
"explicações abaixo."

#: C/index.docbook:88(sect1/para)
msgid ""
msgstr ""
"When we speak of free software, we are referring to freedom of use, not "
"price. Our General Public Licenses are designed to make sure that you have "
"the freedom to distribute copies of free software (and charge for this "
"service if you wish); that you receive source code or can get it if you want "
"it; that you can change the software and use pieces of it in new free "
"programs; and that you are informed that you can do these things."
msgstr ""
"Quando falamos software livre, estamos nos referindo a liberdade de uso, no "
"preço. Nossas licenças públicas gerais são desenvolvidas para assegurar que "
"você tenha a liberdade de distribuir cópias de software livre (e cobrar por "
"este serviço se desejar); que você receba o código fonte ou possa acess-lo "
"se quiser; que você possa mudar o software ou usar partes dele em novos "
"programas livres; e que você seja informado que você pode fazer estas coisas."

#: C/index.docbook:98(sect1/para)
msgid ""
msgstr ""
"To protect your rights, we need to make restrictions that forbid "
"distributors to deny you these rights or to ask you to surrender these "
"rights. These restrictions translate to certain responsibilities for you if "
"you distribute copies of the library or if you modify it."
msgstr ""
"Para proteger seus direitos, nos precisamos fazer restrições que proíbam "
"distribuidores de negar a você estes direitos ou de pedir que você abra mo "
"destes direitos. Estas restrições traduzem a certas responsabilidades para "
"você se você distribuir cópias da biblioteca ou se você modificar-la."
For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively
restrict the users of a free program by obtaining a restrictive license from 
"a patent holder. Therefore, we insist that any patent license obtained for a 
"version of the library must be consistent with the full freedom of use 
"specified in this license."

msgstr ""

"Finalmente, patentes de software apresentam constante ameaça a existência de 
"qualquer programa livre. Nós desejamos assegurar que uma companhia não possa 
"efetivamente restringir os usuários de um programa livre obtendo uma licença 
"restrictiva de um detentor de patente. Portanto, nós insistimos que qualquer 
"licença de patente obtida para uma versão da biblioteca deve ser consistente 
"com toda a liberdade de uso especificada nesta licença."

#: C/index.docbook:139(sect1/para)
msgid ""
"Most GNU software, including some libraries, is covered by the ordinary GNU 
"General Public License. This license, the GNU Lesser General Public License, 
"applies to certain designated libraries, and is quite different from the 
"ordinary General Public License. We use this license for certain libraries 
"in order to permit linking those libraries into non-free programs."

msgstr ""

"A maioria do software GNU, incluindo algumas bibliotecas, é coberta pela 
"Licença Pública Geral GNU. Esta licença, a Licença Pública Geral Branda GNU 
"(GNU Lesser General Public License) se aplica a certas bibliotecas 
"específicas e particularmente diferente da Licença Pública Geral (General 
"Public License). Nós usamos esta licença para certas bibliotecas de forma a 
"permitir relacionar estas bibliotecas com programas não-livres."

#: C/index.docbook:148(sect1/para)
msgid ""
"When a program is linked with a library, whether statically or using a 
"shared library, the combination of the two is legally speaking a combined 
"work, a derivative of the original library. The ordinary General Public 
"License therefore permits such linking only if the entire combination fits 
"its criteria of freedom. The Lesser General Public License permits more lax 
"criteria for linking other code with the library."

msgstr ""

"Quando um programa relacionado com uma biblioteca, seja estaticamente 
"ou usando um programa compartilhado, uma combinação das duas, legalmente 
"falando, um trabalho combinado, um trabalho derivado da biblioteca original. 
"A Licença Pública Geral portanto permite tal relacionamento somente se toda 
"uma combinação que encaixar no critério de liberdade. A Lesser General Public 
"Licença permite critérios mais maleáveis para relacionar outro código com a 
"biblioteca."

#: C/index.docbook:158(sect1/para)
msgid ""
"We call this license the <quote>Lesser</quote> General Public License 
"because it does Less to protect the user's freedom than the ordinary General 
"
"Public License. It also provides other free software developers Less of an "
"advantage over competing non-free programs. These disadvantages are the "
"reason we use the ordinary General Public License for many libraries. "
"However, the Lesser license provides advantages in certain special "
"circumstances."

msgid ""
"Ns chamamos esta licena de Licena Pblica Geral <quote>Branda (Lesser)</" 
"quote> porque ela protege menos a liberdade dos usuários do que a Licena "
"Pblica Geral (General Public Licence) normal. Ela tambm providencia a "
"outros desenvolvedores de software livre menos vantagem na competio com "
"programas no-livres. Estas desvantagens so a razo de usarmos Licena "
"Pblica Geral (General Public License) para vrias bibliotecas. No entanto, "
"a licena Branda prov vantagens em certas circunstncias especiais." 

#: C/index.docbook:168(sect1/para)
msgid ""
"For example, on rare occasions, there may be a special need to encourage the "
"widest possible use of a certain library, so that it becomes a de-facto "
"standard. To achieve this, non-free programs must be allowed to use the "
"library. A more frequent case is that a free library does the same job as "
"widely used non-free libraries. In this case, there is little to gain by "
"limiting the free library to free software only, so we use the Lesser "
"General Public License." 

msgid ""
"Por exemplo, em raras ocasiões, pode haver uma necessidade especial de "
"encorajar o maior uso possvel de certa biblioteca, de forma que ela se "
"torne um padrão. Para alcanzar isso, programas no-livres devem ser "
"permitidos a usar uma biblioteca. Um caso mais frequente quando uma "
"biblioteca livre faz o mesmo trabalho que bibliotecas no-livres muito "
"usadas. Neste caso, h pouco a ganhar limitando uma biblioteca somente para "
"software livre, ento usamos uma Licena Pblica Geral Branda (Lesser General "
"Public License)."

#: C/index.docbook:178(sect1/para)
msgid ""
"In other cases, permission to use a particular library in non-free programs "
"enables a greater number of people to use a large body of free software. For "
"example, permission to use the GNU C Library in non-free programs enables "
"many more people to use the whole GNU operating system, as well as its "
"variant, the GNU/Linux operating system." 

msgid ""
"Em outros casos, permisso para usar uma biblioteca em particular em "
"programas no-livres permite um nmero maior de pessoas usar uma grande "
"variedade de software livre. Por exemplo, permisso para usar a Biblioteca "
"GNU C em programas no-livres permite muito mais pessoas a usar todo o "
"sistema operacional GNU, assim como sua variante, o sistema operacional GNU/" 
"Linux."
Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

Apesar da Lesser General Public License ser menos protetora da liberdade dos usuários, ela assegura que o usuário de um programa relacionado a Biblioteca tenha a liberdade e os recursos para executar aquele programa usando uma versão modificada da Biblioteca.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a work based on the library and a work that uses the library. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A library means a collection of software functions and/or data prepared so as to be conveniently linked with application programs. (which use some of those functions and data) to form executables.

The Library, below, refers to any such software library or work which has been distributed under these terms. A work based on the Library means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term modification.)

Source code for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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"by this License; they are outside its scope. The act of running a program
"using the Library is not restricted, and output from such a program is
"covered only if its contents constitute a work based on the Library
"(independent of the use of the Library in a tool for writing it). Whether
"that is true depends on what the Library does and what the program that uses
"the Library does.
msgstr"
"Atividades que no sejam cpia, distribuio e modificao no so cobertas
"por esta Licena; elas esto fora do alcance da Licena. O ato de executar
"um programa usando a Biblioteca no restrito, e o retorno deste programa
"coberto somente se os conteudos dele constituirem um trabalho baseado na
"Biblioteca (independente do uso da Biblioteca numa ferramenta para escreve-"
"la). Se isso verdade depende do que a Biblioteca faz e o que o programa
"que usa a Biblioteca faz."

#: C/index.docbook:254(sect2/title)
msgid "Section 1"
msgstr "Seo 1"

#: C/index.docbook:255(sect2/para)
msgid ""
"You may copy and distribute verbatim copies of the Library's complete source
"code as you receive it, in any medium, provided that you conspicuously and
"appropriately publish on each copy an appropriate copyright notice and
"disclaimer of warranty; keep intact all the notices that refer to this
"License and to the absence of any warranty; and distribute a copy of this
"License along with the Library."
msgstr"
"Voc pode copiar e distribuir cpias transcritas do cdigo fonte completo da
"biblioteca ao receb-la, em qualquer meio, desde que voc clara e
"apropriadamente publique em cada cpia a nota de direito autoral apropriado
"e aviso legal de garantia; mantenha intactas todas as notificaes que
"referem a Licena e a ausncia de qualquer garantia; e distribua uma cpia
"desta Licena junto Biblioteca."

#: C/index.docbook:265(sect2/para)
msgid ""
"You may charge a fee for the physical act of transferring a copy, and you
"may at your option offer warranty protection in exchange for a fee.
msgstr"
"Voc pode cobrar uma taxa pelo ato fsico de transferncia da cpia, e voc
"pode por opo oferecer proteo de garantia em troca de uma taxa."

#: C/index.docbook:273(sect2/title)
msgid "Section 2"
msgstr "Seo 2"

#: C/index.docbook:283(listitem/para)
The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

(For exemplo, uma funo na biblioteca para calcular razes quadradas tem um propósito que é totalmente bem definido independente da aplicao. Dessa forma, a 2 Subseo requisita que qualquer funo suprida pela aplicao ou tabela usada por essa funo deve ser opcional: se a aplicao no suprir...
"isto, a funo da raiz quadrada ainda deve calcular razes quadradas.")

msgid "These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Library, and can be "
"reasonably considered independent and separate works in themselves, then "
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Library, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."
You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions: 

Voc pode modificar sua cpia ou cpias da Biblioteca ou qualquer poro dela, assim formando um trabalho baseado na Biblioteca, e copiar e distribuir tais modificaes ou trabalho sob os termos da Seo 1 acima, supondo que voc tambm atenda a todas suas condies:

You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

Uma vez feita a mudana em determinada cpia, isto irreversvel para esta cpia, ento a Licena Pblica Geral GNU normal se aplica a todas as cpias subsequentes e trabalhos derivados feitos desta cpia.
This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

Esta opção é útil quando você deseja copiar parte do código da Biblioteca para um programa que não é uma biblioteca.

You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

Voc pode copiar e distribuir a Biblioteca (ou uma porção ou derivada dela, sob Section 2) em código objetivo ou de forma executável sob os termos das Sees 1 e 2 acima fornecido que você acompanhe-a com o código-fonte correspondente em formato lido por máquina, que deve ser distribuído sob os termos das Sees 1 e 2 acima num meio costumeiramente usado para transação de software.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

Se a distribuição do código feita oferecendo acesso a cópia de um local específico, ento oferecer acesso equivalente cópia do código-fonte do mesmo local satisfaz a requerimento de distribuir o código fonte, mesmo se terceiros no tiverem interesse de copiar a fonte junto ao código em questão.
A program that contains no derivative of any portion of the Library, but is "
designed to work with the Library by being compiled or linked with it, is "
"called a <quote>work that uses the Library</quote>. Such a work, in "
"isolation, is not a derivative work of the Library, and therefore falls "
"outside the scope of this License."

Um programa que contém nenhum derivado de qualquer porção da Biblioteca, mas "
" desenvolvido para trabalhar com a Biblioteca por ser compilado com ela ou "
"ser relacionado a ela, chamado <quote>trabalho que usa a Biblioteca</quote>
"quote>. Tal trabalho, em isolamento, não um trabalho derivado da "
"Biblioteca, e desta forma, fica fora da competência desta Licença.

However, linking a <quote>work that uses the Library</quote> with the "
"Library creates an executable that is a derivative of the Library (because "
"it contains portions of the Library), rather than a <quote>work that uses "
"the library</quote>. The executable is therefore covered by this License."
"<link linkend="sect6">Section 6</link> states terms for distribution of "
"such executables."

No entanto, relacionar um <quote>trabalho que usa a Biblioteca</quote> com a "
"Biblioteca cria um executável que derivado da Biblioteca (porque ela "
"contém portes da Biblioteca), mais do que um <quote>um trabalho que usa a "
"biblioteca</quote>. O executável desta forma coberto por esta Licença. "
"<link linkend="sect6">Seção 6</link> diz os termos para a distribuição de "
"tais executáveis.

When a <quote>work that uses the Library</quote> uses material from a header "
"file that is part of the Library, the object code for the work may be a "
"derivative work of the Library even though the source code is not. Whether "
"this is true is especially significant if the work can be linked without the "
"Library, or if the work is itself a library. The threshold for this to be "
"true is not precisely defined by law."

Quando um <quote>trabalho que usa a Biblioteca</quote> usa material de um "
"arquivo que parte da Biblioteca, o código em questão para o trabalho "
"pode ser um trabalho derivado da Biblioteca mesmo que o código fonte no "
"seja. Se isso verdade especialmente significante se o trabalho pode ser "
"relacionado sem a Biblioteca, ou se o trabalho por si s uma biblioteca. O "
"princípio para isso ser verdade precisamente definido por lei."
"If such an object file uses only numerical parameters, data structure "
"layouts and accessors, and small macros and small inline functions (ten "
"lines or less in length), then the use of the object file is unrestricted,"
"regardless of whether it is legally a derivative work. (Executables "
"containing this object code plus portions of the Library will still fall "
"under <link linkend="sect6">Section 6</link>.)"

"Se tal arquivo objeto usa somente parmetros numéricos, o layout da "
"estrutura de dados e acessrios, e pequenas macros e pequenas funes "
"internas (dez linhas ou menos de tamanho), ento o uso do objeto "
"irrestrito, independente de ser um trabalho derivado legalmente.(Executveis "
"contendo este cdigo objeto e pores da Biblioteca ainda ficam sob a <link "
"linkend="sect6">Seo 6</link>)."

"Otherwise, if the work is a derivative of the Library, you may distribute "
"the object code for the work under the terms of <link linkend="""
"\"sect6\">Section 6</link>. Any executables containing that work also fall "
"under <link linkend="\"sect6\">Section 6</link>, whether or not they are "
"linked directly with the Library itself."

"De outra forma, se o trabalho for derivado da Biblioteca, voc pode "
"distribuir o cdigo objeto para o trabalho sob os termos da <link linkend="""
"\"sect6\">Seo 6</link>. Quaisquer executveis contendo este trabalho "
"tambm ficam sob a <link linkend="\"sect6\">Seo 6</link> estando, ou no, "
"relacionados diretamente a Biblioteca."

"As an exception to the Sections above, you may also combine or link a "
"<quote>work that uses the Library</quote> with the Library to produce a work "
"containing portions of the Library, and distribute that work under terms of "
"your choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications."
"Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)"

"Acompanhe o trabalho com o correspondente código-fonte em formato lido por máquina para a Biblioteca, incluindo quaisquer mudanças que foram usadas no trabalho; e se o trabalho é um executável relacionado com a Biblioteca, com o código que usa a Biblioteca completo em formato lido por máquina, como código objeto, para que o usuário possa modificar a Biblioteca e ento recompilar a aplicação para usar as definies modificadas."

"Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with."

"Use um mecanismo de biblioteca compartilhada compatvel para relacionamento com a Biblioteca. Um mecanismo compatvel um que (1) usa no tempo de execuo uma copia da biblioteca j presente no sistema do computador do usuario, ao invs de copiar funes da biblioteca no executvel, e (2) v operar apropriadamente com uma versao modificada, se o usuario instalar uma, contanto que a versao modificada seja compatvel com a interface da versao na qual o trabalho foi desenvolvido."

"Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution."

"Acompanhe o trabalho com uma oferta escrita, valida por no menos três anos, para dar o mesmo usuário os materiais especificados em Subseção 6a, acima, por um valor no maior do que o custo de realizar esta distribuição."
"Acompanhe o trabalho com uma oferta escrita, válida por pelo menos três "
"anos, de dar ao mesmo usuário os materiais especificados na <link linkend="""\"sect6a\"">Subsec 6a</link> acima, por um valor no maior que o custo de "
"efetuar esta distribuição."

#: C/index.docbook:509(listitem/para)
msgid ""
"If distribution of the work is made by offering access to copy from a "
"designated place, offer equivalent access to copy the above specified "
"materials from the same place."
msgstr ""
"Se a distribuição do trabalho feita oferecendo acesso a cópia de um local "
"específico, ofereça acesso equivalente cópia dos materiais acima "
"especificados, do mesmo local."

#: C/index.docbook:516(listitem/para)
msgid ""
"Verify that the user has already received a copy of these materials or that "
"you have already sent this user a copy."
msgstr ""
"Verifique se o usuário já recebeu uma cópia desses materiais ou que você já "
"enviou uma cópia a este usuário."

#: C/index.docbook:462(sect2/para)
msgid ""
"You must give prominent notice with each copy of the work that the Library "
"is used in it and that the Library and its use are covered by this License. "
"You must supply a copy of this License. If the work during execution "
"displays copyright notices, you must include the copyright notice for the "
"Library among them, as well as a reference directing the user to the copy of "
"this License. Also, you must do one of these things: <_:orderedlist-1/>"
msgstr ""
"Voc deve dar aviso proeminente com cada cópia do trabalho que esta "
"Biblioteca usada nela e que a Biblioteca e seu uso são cobertos por esta "
"Licença. Voc deve fornecer uma cópia desta Licença. Se o trabalho, durante "
"esta execução exibe avisos de direitos autorais, você deve incluir o aviso "
"de direito autoral para a Biblioteca entre eles, assim como uma referência "
"direcionando o usuário a cópia desta Licença. Também, você deve fazer umas "
"destas coisas: <_:orderedlist-1/>"

#: C/index.docbook:524(sect2/para)
msgid ""
"For an executable, the required form of the <quote>work that uses the "
"Library</quote> must include any data and utility programs needed for "
"reproducing the executable from it. However, as a special exception, the "
"materials to be distributed need not include anything that is normally "
"distributed (in either source or binary form) with the major components "
"(compiler, kernel, and so on) of the operating system on which the "
"executable runs, unless that component itself accompanies the executable."

msgid ""
msgstr ""
"Para um executável, a forma requisitada de <quote>trabalho que usa a "
"Biblioteca</quote> deve incluir qualquer dado ou programas utilitários "
"necessários para reproduzir o executável nele. No entanto, como uma exceção "
"especial, os materiais a serem distribuídos não precisam incluir nada que "
"normalmente distribuído (seja na forma de fonte ou binário) com os "
"componentes principais (compilador, kernel, e assim por diante) do sistema "
"operacional no qual o executável funciona, ao menos que o componente em si "
"acompanhe o executável."

#: C/index.docbook:535(sect2/para)
msgid ""
msgstr ""
"It may happen that this requirement contradicts the license restrictions of "
"other proprietary libraries that do not normally accompany the operating "
"system. Such a contradiction means you cannot use both them and the Library "
"together in an executable that you distribute."

msgid ""
msgstr ""
"Pode acontecer desse requerimento contradizer as restritores da licença de "
"outras bibliotecas proprietárias que normalmente não acompanham o sistema "
"operacional. Tal contradição significa que você não pode usar ambas e a "
"Biblioteca juntos em um executável que você distribuir."

#: C/index.docbook:546(sect2/title)
msgid "Section 7"
msgstr "Seção 7"

#: C/index.docbook:548(sect2/para)
msgid ""
msgstr ""
"You may place library facilities that are a work based on the Library side-"
"by-side in a single library together with other library facilities not "
"covered by this License, and distribute such a combined library, provided "
"that the separate distribution of the work based on the Library and of the "
"other library facilities is otherwise permitted, and provided that you do "
"these two things:"

msgid ""
msgstr ""
"Voc pode posicionar as instalações da biblioteca que so um trabalho "
"baseando na biblioteca lado-a-lado numa nica biblioteca juntas a outras "
"instalações da biblioteca no cobertas por esta Licença, e distribuir tal "
"biblioteca combinada, dado que a distribuição separada do trabalho baseado "
"na Biblioteca e das outras instalações da biblioteca seja permitida, e dado "
"que você faça estas duas coisas:"

#: C/index.docbook:559(listitem/para)
msgid ""
msgstr ""
"Accompany the combined library with a copy of the same work based on the "
"Library, uncombined with any other library facilities. This must be "

"
"distributed under the terms of the Sections above."
msgid ""
"Acompanhar a biblioteca combinada com uma copia do mesmo trabalho baseado "
"numa Biblioteca, no combinada com quaisquer outras instalaes de "
"biblioteca. Isto deve ser distribuido sob os termos de licena das Sees "
"acima."

#: C/index.docbook:567(listitem/para)
msgid ""
"Give prominent notice with the combined library of the fact that part of it "
"is a work based on the Library, and explaining where to find the "
"accompanying uncombined form of the same work."
msgid ""
"De informao proeminente com a biblioteca combinada do fato que parte dele "
"um trabalho baseado na Biblioteca, e explicando onde achar o formato no "
"combinado do mesmo trabalho, que acompanha."

#: C/index.docbook:577(sect2/title)
msgid "Section 8"
msgidstr "Seo 8"

#: C/index.docbook:579(sect2/para)
msgid "You may not copy, modify, sublicense, link with, or distribute the Library "
"except as expressly provided under this License. Any attempt otherwise to "
"copy, modify, sublicense, link with, or distribute the Library is void, and "
"will automatically terminate your rights under this License. However, "
"parties who have received copies, or rights, from you under this License "
"will not have their licenses terminated so long as such parties remain in "
"full compliance."
msgid ""
"Voc no pode copiar, modificar, sublicenciar, relacionar com, ou distribuir "
"a Biblioteca, exceto como expressamente determinado sob esta Licena. "
"Qualquer tentativa do contrario de copiar, modificar, sublicenciar, "
"relacionar com, ou distribuir a Biblioteca nula, e automaticamente "
"terminar com seus direitos sob esta Licena. No entanto, as partes que "
"receberem cpias, ou direitos, sob esta Licena no tero suas licenas "
"terminadas ao longo que tais partes se mantenham em total complacncia."

#: C/index.docbook:591(sect2/title)
msgid "Section 9"
msgidstr "Seo 9"

#: C/index.docbook:593(sect2/para)
msgid "You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Library or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Library (or any work based on the Library), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying."
"distributing or modifying the Library or works based on it."

"Voc no requisitado a aceitar esta Licena, j que voc no a assinou. No "
"entanto, nada mais te d permissao de modificar ou distribuir a Biblioteca "
"trabalhos derivados dela. Estas aes so proibidas por lei se voc no "
"aceita esta Licena. Desta forma, por modificar ou distribuir a Biblioteca "
"(ou qualquer trabalho baseado na Biblioteca), voc indica sua aceitao "
"desta Licena para o fazer, e todos os seus termos e condies para cpia, "
"distribuo ou modificao da Biblioteca ou trabalhos baseados na mesma."

"Each time you redistribute the Library (or any work based on the Library), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute, link with or modify the Library subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties with this License."

"If, as a consequence of a court judgment or allegation of patent "
"infringement or for any other reason (not limited to patent issues), "
"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
"excuse you from the conditions of this License. If you cannot distribute so "
"as to satisfy simultaneously your obligations under this License and any "
"other pertinent obligations, then as a consequence you may not distribute "
"the Library at all. For example, if a patent license would not permit "

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"royalty-free redistribution of the Library by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Library."

msgstr ""

"Se, como uma consequência de julgamento em tribunal ou alegação infrao de "
"patente ou por qualquer outra razão (no limitado a casos de patente), as "
"condições so impostas a você (seja por ordem da corte, acordo ou de "
"qualquer outra natureza) que contradiga as condições desta Licença, elas no "
"excluem você das condições desta Licença. Se você não pode distribuir de "
"forma a satisfazer simultaneamente suas obrigações sob esta Licença e "
"quaisquer outras obrigações pertinentes, então como consequência você no "
"pode distribuir a Biblioteca de forma alguma. Por exemplo, se uma licença de "
"patente não permitir redistribuição da Biblioteca livre de royalties por todos "
"aqueles que recebem cópias direta ou indiretamente por você, ento a nica "
"maneira de você satisfazer tanto ela quanto esta Licença seria prevenir "
"completamente a distribuição da Biblioteca." 

#: C/index.docbook:637(sect2/para)
msgid ""
msgstr ""

"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply, "
"and the section as a whole is intended to apply in other circumstances." 
msgstr ""

"Se qualquer porção desta seção for considerada inválida ou sem força sob "
"qualquer circunstância particular, o equilíbrio da seção intencionada a "
"ser aplicada, e a seção como um todo intencionada a ser aplicada sob "
"quaisquer outras circunstâncias."

#: C/index.docbook:643(sect2/para)
msgid ""
msgstr ""

"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
msgstr ""

"No intuito desta seção te induzir a infringir quaisquer patentes ou "
"proclamações de propriedade por direito ou contestar a validade de tais "
"proclamações; esta seção tem a proposta nica de proteger a integridade do "
"sistema de distribuição do software livre que implementado pelas práticas "
"de licença pública. Muitas pessoas fizeram generosas contribuições para o "
"vasto alcance do software distribuído por este sistema confiando na "
"consistente aplicação deste sistema; cabe ao autor/doador decidir se ele ou "

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"ela tem interesse de distribuir software por qualquer outro sistema e um "
"licenciado no pode impor esta escolha."

msgid ""
msgid "This section is intended to make thoroughly clear what is believed to be a "
msgid "consequence of the rest of this License."
msgid ""
msgid "A inten desta seo fazer exatamente claro o que acredita-se ser uma "
msgid "consequencia do resto desta Licena."

msgid "Section 12"
msgid "Section 13"

msgid ""
msgid "If the distribution and/or use of the Library is restricted in certain "
msgid "countries either by patents or by copyrighted interfaces, the original "
msgid "copyright holder who places the Library under this License may add an "
msgid "explicit geographical distribution limitation excluding those countries, so "
msgid "that distribution is permitted only in or among countries not thus excluded. "
msgid "In such case, this License incorporates the limitation as if written in the "
msgid "body of this License."
msgid ""
msgid "Se a distribuio e/ou uso da Biblioteca restrito em certos pases seja "
msgid "por patentes ou por interfaces registradas, o detentor do direito autoral "
msgid "original que coloca a Biblioteca sob esta Licena deve adicionar uma "
msgid "limitao de distribuio geografica explcita excluindo estes pases, para "
msgid "que a distribuio seja permitida somente em e entre pases no excluidos. "
msgid "Neste caso, esta Licena incorpora a limitao como se escrita no corpo "
msgid "desta Licena."

msgid "Section 13"
msgid "Section 13"

msgid ""
msgid "The Free Software Foundation may publish revised and/or new versions of the "
msgid "Lesser General Public License from time to time. Such new versions will be "
msgid "similar in spirit to the present version, but may differ in detail to "
msgid "address new problems or concerns."
msgid ""
msgid "A Free Software Foundation pode publicar verses novas e/ou revisadas do "
msgid "Lesser General Public License de hora em hora. Tais novas verses sero "
msgid "similares em espirito a verso atual, mas pode divergir em detalhe para "
msgid "abordar novos problemas ou preocupaes."
Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

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This Library is free software; see the籽 Details. You should have received a copy of the GNU General Public License along with this Library; see the籽 Details. If not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307, USA.

No Warranty

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Important: Read the籽 Details

There is a class of problems for which it is particularly difficult to produce complete and reliable software. We believe that free software is one important part of the solution to this problem. For more information, see the籽 Details.

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"LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE
STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE
"LIBRARY AS IS WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO
"THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR
"CORRECTION.

PELA BIBLIOTECA SER LICENCIADA LIVRE DE ENCARGOS, NO H GARANTIA
"BIBLIOTECA, ALM DA PERMITIDA PELA LEI APLICADA. EXCETO QUANDO DE OUTRA
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"O RISCO QUANDO A QUALIDADE E PERFORMANCE DA BIBLIOTECA EST COM VOC. SE A
"BIBLIOTECA SE PROVAR DEFEITUOSA, VOC ASSUME O CUSTO DE TODA MANUTENO
"NECESSRIA, REPARO OU CORREO.

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"THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY
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EM NENHUM EVENTO, A NO SER SE REQUISITADO PELA LEI APLICADA OU EM ACORDO
"ESCRITO QUALQUER DETENTOR DO DIREITO AUTORAL, OU QUALQUER OUTRA PARTE QUE
"POSSA MODIFICAR E/OU REDISTRIBUIR A BIBLIOTECA COMO PERMITIDO ACIMA, SEJA
"RESPONSVEL POR VOC PELO SEUS DANOS, INCLUINDO QUALQUER DANO GENRICO,
"ESPECIAL, INCIDENTAL OU CONSEQUENCIAL, PROVENIENTES DO USO OU INABILIDADE DE
"USAR A BIBLIOTECA (INCLUINDO, MAS NO LIMITADO A PERDA DE DADOS OU DADOS
"SENDOS PROCESSADOS DE FORMA INCORRETA OU PERDAS SUSTENTADAS POR VOC OU
"TERCEIROS OU UMA FALHA DA BIBLIOTECA EM OPERAR COM QUALQUER OUTRO SOFTWARE),
"MESMA QUE TAL DETENTOR OU OUTRA PARTE TENHA SIDO AVISADO DA POSSIBILIDADE DE
"TAIS DANOS."

#~ msgid "2000"
#~ msgstr "2000"

#~ msgid "2.1"
#~ msgstr "2.1"

#~ msgid "1999-02"
#~ msgstr "1999-02"

# Brazilian Portuguese translation for gnome-desktop.
# Copyright (C) 2012 gnome-desktop's COPYRIGHT HOLDER
# This file is distributed under the same license as the gnome-desktop package.
# Rafael Ferreira <rafael.f.f1@gmail.com>, 2012.
#
msgid 
msgstr 
"Project-Id-Version: gnome-desktop master\n"
"POT-Creation-Date: 2013-08-31 11:22+0000\n"
"PO-Revision-Date: 2014-03-07 23:07-0300\n"
"Last-Translator: Rafael Ferreira <rafael.f.f1@gmail.com>\n"
"Language-Team: Brazilian Portuguese <gnome-pt_br-list@gnome.org>\n"
"Language: pt_BR\n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=UTF-8\n"
"Content-Transfer-Encoding: 8bit\n"
"Plural-Forms: nplurals=2; plural=(n > 1);\n"
"X-Generator: Poedit 1.6.4\n"

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
msgctxt " _
msgid "translator-credits"
msgstr "Rafael Ferreira <rafael.f.f1@gmail.com>, 2012, 2013"

#. (itstool) path: articleinfo/title
#: C/index.docbook:17
msgid "GNU General Public License"
msgstr "Licena Pblica Geral GNU"

#. (itstool) path: articleinfo/copyright
#: C/index.docbook:18
msgid "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"
msgstr "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"

#. (itstool) path: articleinfo/author
#: C/index.docbook:23
msgid "<surname>Free Software Foundation</surname>"
msgstr "<surname>Free Software Foundation</surname>"
Free Software Foundation, Inc.

\[street\] 51 Franklin Street, Fifth Floor
\[city\] Boston
\[state\] MA
\[postcode\] 02110-1301
\[country\] USA

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A qualquer pessoa permitido copiar e distribuir cpias desse documento de licena, desde que sem qualquer alterao.

Version 2, June 1991
The licenses for most software are designed to take away your freedom to "share and change it. By contrast, the GNU General Public License is intended "to guarantee your freedom to share and change free software - to make sure "the software is free for all its users."

As licenças de muitos softwares são desenvolvidas para restringir sua "liberdade de compartilhar e mudar. Contrariamente a isso, a Licença Pública "Geral GNU pretende garantir sua liberdade de compartilhar e alterar software "livres - garantindo que o software será livre e gratuito para os seus "usuários.

When we speak of free software, we are referring to freedom, not price. Our "General Public Licenses are designed to make sure that you have the freedom "to distribute copies of free software (and charge for this service if you "wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."

"Quando nos referimos a software livre, estamos nos referindo a liberdade, e "
"no a preo. As nossas Licenças Públicas Gerais foram desenvolvidas para "
"garantir que voc tenha a liberdade de distribuir cpias de softwares livres "
"(e cobrar por este servio, se quiser); que voc receba o cdigo-fonte ou "
"tenha acesso a ele, se quiser; que voc possa alterar o software ou utilizar "
"partes dele em novos programas livres; e que voc saiba que pode fazer tudo "
"isso."

#.(itstool) path: sect1/para
#: C/index.docbook:90
msgid ""
msgstr ""
"To protect your rights, we need to make restrictions that forbid anyone to "
"deny you these rights or to ask you to surrender the rights. These "
"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it."

msgstr ""
"Para proteger seus direitos, precisamos fazer restries que impeam a "
"qualquer um negar estes direitos ou solicitar que voc abdique deles. Estas "
"restries traduzem-se em certas responsabilidades para voc, se voc for "
"distribuir cpias do software ou modific-lo."

#.(itstool) path: sect1/para
#: C/index.docbook:97
msgid ""
msgstr ""
"For example, if you distribute copies of such a program, whether gratis or "
"for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights."

msgstr ""
"Por exemplo, se voc distribuir cpias de um programa, gratuitamente ou por "
"alguma quantia, voc tem que fornecer aos receptores todos os direitos que "
"voc possui. Voc tem que garantir que eles tambm recebam ou possam obter o "
"cdigo-fonte. E voc tem que mostrar-lhes estes termos para que eles possam "
"conhecer seus direitos."

#.(itstool) path: listitem/para
#: C/index.docbook:109
msgid "copyright the software, and"
msgstr "com direitos autorais do software; e"

#.(itstool) path: listitem/para
#: C/index.docbook:114
msgid ""
msgstr ""
"offer you this license which gives you legal permission to copy, distribute "
"and/or modify the software."
We protect your rights with two steps:  

Also, for each author's protection and ours, we want to make certain that  
everyone understands that there is no warranty for this free software. If  
the software is modified by someone else and passed on, we want its  
recipients to know that what they have is not the original, so that any  
problems introduced by others will not reflect on the original authors'  
reputations.

Finally, any free program is threatened constantly by software patents. We  
wish to avoid the danger that redistributors of a free program will  
individually obtain patent licenses, in effect making the program  
proprietary. To prevent this, we have made it clear that any patent must be  
licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification  
follow.
"Os precisos termos e condições para cópia, distribuição e modificação se "
"encontram abaixo.

#. (itstool) path: sect1/title
#: C/index.docbook:147
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr "TERMOS E CONDIÇÕES PARA CóPIA, DISTRIBUIÇÃO E MODIFICAÇÃO"

#. (itstool) path: sect2/title
#: C/index.docbook:150
msgid "Section 0"
msgstr "Seção 0"

#. (itstool) path: sect2/para
#: C/index.docbook:151
msgid ""
msgstr ""
"This License applies to any program or other work which contains a notice "
"placed by the copyright holder saying it may be distributed under the terms "
"of this General Public License. The <quote>Program</quote>, below, refers to "
"any such program or work, and a <quote>work based on the Program</quote> "
"means either the Program or any derivative work under copyright law: that is "
"to say, a work containing the Program or a portion of it, either verbatim or "
"with modifications and/or translated into another language. (Hereinafter, "
"translation is included without limitation in the term <quote>modification</" "
"quote>.) Each licensee is addressed as <quote>you</quote>.

msgstr ""
"Esta Licença se aplica a qualquer programa ou outro trabalho que contenha um "
"aviso colocado pelo detentor dos direitos autorais informando que aquele "
"pode ser distribuído sob as condições desta Licença Pública Geral. O "
"<quote>Programa</quote> abaixo refere-se a qualquer programa ou trabalho, e "
"<quote>trabalho baseado no Programa</quote> significa tanto o Programa em si "
"como quaisquer trabalhos derivados, de acordo com a lei de direitos "
"autorais: isto quer dizer um trabalho que contenha o Programa ou parte dele, "
"tanto originalmente quanto com modificações, e/ou tradução para outro "
"idioma. (Doravante tradução est incluída sem limites no termo "
"<quote>modificação</quote>.) Cada licenciado mencionado como <quote>você</" "
"quote>.

#. (itstool) path: sect2/para
#: C/index.docbook:163
msgid ""
msgstr ""
"Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running the Program "
"is not restricted, and the output from the Program is covered only if its "
"contents constitute a work based on the Program (independent of having been "
"made by running the Program). Whether that is true depends on what the "
"Program does.

msgstr ""
"Atividades além de cópia, distribuição e modificação no esto cobertas por "
esta Licença; elas estão fora de seu escopo. O ato de executar o Programa "
no restringido, e o resultado do Programa coberto apenas se seu "
"conteúdo contenha trabalhos baseados no Programa (independentemente de terem "
"sido gerados pela execução do Programa). Se isso verdadeiro depende do que "
o Programa faz."

"You may copy and distribute verbatim copies of the Program's source code as "
you receive it, in any medium, provided that you conspicuously and "
appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and give any other recipients of "
"the Program a copy of this License along with the Program."

"Voc pode copiar e distribuir cópias fiis do código-fonte do Programa da "
"mesma forma que voc o recebeu, usando qualquer meio, desde que voc "
"conspcua e apropriadamente publique em cada cópia um aviso de direitos "
"autorais e uma declaração de inexistência de garantias de forma apropriada; "
"mantenha intactos todos os avisos que se referem a esta Licença e ausncia "
"total de garantias; e fornea a outros recebedores do Programa uma cópia "
"dessa Licença, junto com o Programa."

"You may charge a fee for the physical act of transferring a copy, and you "
"may at your option offer warranty protection in exchange for a fee."

"Voc pode cobrar pelo ato físico de transferir uma cópia e pode, "
"opcionalmente, oferecer garantia em troca de pagamento."

"You must cause the modified files to carry prominent notices stating that "
"you changed the files and the date of any change."
msgid ""
msgstr ""
"Voc tem que fazer com que os arquivos modificados levem avisos proeminentes "
"afirmando que voc alterou os arquivos, incluindo a data de qualquer "
"alterao."

#. (itstool) path: listitem/para
#: C/index.docbook:205
msgid ""
msgstr ""
"You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of "
"this License."
msgid ""
msgstr ""
"Voc tem que fazer com que quaisquer trabalhos que voc distribua ou "
"publique, e que integralmente ou em partes contenham ou sejam derivados do "
"Programa ou de suas partes, sejam licenciados, integralmente e sem custo "
"algum para quaisquer terceiros, sob os termos desta Licena."

#. (itstool) path: note/title
#: C/index.docbook:223
msgid "Exception:"
msgstr "Exception:"

#. (itstool) path: note/para
#: C/index.docbook:224
msgid """s the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."
msgid """
msgstr """
"se o Programa em si interativo mas normalmente no imprime estes tipos de "
"annncios, seu trabalho baseado no Programa no precisa imprimir um anncio."

#. (itstool) path: listitem/para
#: C/index.docbook:213
msgid """f the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. <_:note-1/>"
msgid """
msgstr """
"Se o programa modificado normalmente I comandos interativamente quando "
"executados, voc tem que fazer com que, quando iniciado tal uso interativo "
"da forma mais simples, seja impresso ou mostrado um anncio de direitos "
"
"autoraí um e anúncio de que no h qualquer garantia (ou ento, que vocé"
"fornece a garantia) e que os usuários podem redistribuir o programa sob"
"estas condições, ainda informando os usuários como consultar uma cópia desta"
"Licença. <_:note-1/>

#. (itstool) path: sect2/para
#: C/index.docbook:191
msgid ""
msgstr ""
"You may modify your copy or copies of the Program or any portion of it, thus"
"forming a work based on the Program, and copy and distribute such"
"modifications or work under the terms of <link linkend="sect1">Section 1</link>"
"above, provided that you also meet all of these conditions: <_:"
"orderedlist-1/>

msgstr ""
"Vocé pode modificar sua cópia ou cópias do Programa, ou qualquer parte dele,"
"assim gerando um trabalho baseado no Programa, e copiar e distribuir essas"
"modificações ou trabalhos sob os termos da <link linkend="sect1">Seção 1</link>"
"acima, desde que você também se atenda a todas estas condições: <_:"
"orderedlist-1/>

#. (itstool) path: sect2/para
#: C/index.docbook:236
msgid ""
msgstr ""
"These requirements apply to the modified work as a whole. If identifiable"
"sections of that work are not derived from the Program, and can be"
"reasonably considered independent and separate works in themselves, then"
"this License, and its terms, do not apply to those sections when you"
"distribute them as separate works. But when you distribute the same sections"
"as part of a whole which is a work based on the Program, the distribution of"
"the whole must be on the terms of this License, whose permissions for other"
"licensees extend to the entire whole, and thus to each and every part"
"regardless of who wrote it."

msgstr ""
"Estas exigências aplicam-se ao trabalho modificado como um todo. Se as"
"identificáveis de tal trabalho não forem derivadas do Programa, e que podem"
"ser razoavelmente consideradas trabalhos independentes e separados por si"
"ê-is, ento esta Licença, e seus termos, no se aplicam a estas sees quando"
"você distribui-las como trabalhos em separado. Mas quando você distribuir as"
"mesmas sees como parte de um todo, o qual baseado no Programa, a"
"distribuição como um todo deve que se enquadrar nos termos desta Licença,"
"cujas permissões para outros licenciados se estendem ao todo, portanto para"
"cada e toda parte, independente de quem a escreveu."

#. (itstool) path: sect2/para
#: C/index.docbook:247
msgid ""
msgstr ""
"Thus, it is not the intent of this section to claim rights or contest your"
"rights to work written entirely by you; rather, the intent is to exercise"
"the right to control the distribution of derivative or collective works"
"based on the Program."

"Desta forma, esta seo no tem a inteno de reclamar direitos ou contestar"
"seus direitos sobre o trabalho escrito inteiramente por voc; ao invs"
"disso, a inteno de exercitar o direito de controlar a distribuo de"
"trabalhos, derivados ou coletivos, baseados no Programa."

"In addition, mere aggregation of another work not based on the Program with"
"the Program (or with a work based on the Program) on a volume of a storage"
"or distribution medium does not bring the other work under the scope of this"
"License."

"Adicionalmente, a mera agregao ao Programa de outro trabalho no baseado"
"no Programa (ou de trabalho baseado no Programa) em um volume de"
"armazenamento ou meio de distribuo no faz o outro trabalho parte do"
"escopo desta Licena."

"Accompany it with the complete corresponding machine-readable source code,"
"which must be distributed under the terms of Sections 1 and 2 above on a"
"medium customarily used for software interchange; or,"

"O acompanhe com o cdigo-fonte completo correspondente e em forma acessvel"
"por mquinas, que deve ser distribuido sob os termos das Sections 1 e 2 acima e em meio"
"normalmente utilizado para o intercambio de software; ou,"

"Accompany it with a written offer, valid for at least three years, to give"
"any third party, for a charge no more than your cost of physically"
"performing source distribution, a complete machine-readable copy of the"
"corresponding source code, to be distributed under the terms of Sections 1"
"and 2 above on a medium customarily used for software interchange; or,"

"In addition, mere aggregation of another work not based on the Program with"
"the Program (or with a work based on the Program) on a volume of a storage"
"or distribution medium does not bring the other work under the scope of this"
"License."

"Adicionalmente, a mera agregao ao Programa de outro trabalho no baseado"
"no Programa (ou de trabalho baseado no Programa) em um volume de"
"armazenamento ou meio de distribuo no faz o outro trabalho parte do"
"escopo desta Licena."
"O acompanhe com uma oferta expressa, vlida por pelo menos trs anos, de "
"fornece a qualquer terceiros, com um custo no superior ao custo de "
"distribuo fsica do material, uma epia do cdigo-fonte completo e em "
"forma acessvel por mquinas, que deve ser distribuido sob os termos das "
"Sees 1 e 2 acima e em meio normalmente utilizado para o intercmbio de "
"software; ou,"

#. (itstool) path: listitem/para
#: C/index.docbook:287
msgid ""
"Accompany it with the information you received as to the offer to distribute "
"corresponding source code. (This alternative is allowed only for "
"noncommercial distribution and only if you received the program in object "
"code or executable form with such an offer, in accord with Subsection b "
"above.)"
msgidstr ""
"O acompanhe com a informao que voc recebeu em relao oferta de "
"distribuo do cdigo-fonte correspondente. (Esta alternativa permitida "
"somente em distribuo no comercial, e apenas se voc recebeu o programa "
"em forma de cdigo-objeto ou executvel, com oferta, de acordo com a "
"Subseo b acima.)"

#. (itstool) path: sect2/para
#: C/index.docbook:263
msgid ""
"You may copy and distribute the Program (or a work based on it, under <link "
"linkend="sect2">Section 2</link>) in object code or executable form under "
"the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following: <_:" 
"orderedlist-1/>
msgidstr ""
"Voc pode copiar e distribuir o Programa (ou um trabalho baseado nele, "
"conforme descrito na <link linkend="sect2">Seo 2</link>) em cdigo-" 
"objeto ou em forma executvel sob os termos das <link linkend=" 
"sect1">Sees 1</link> e <link linkend="sect2">2</link> acima, desde "
"que voc tambm faa um dos seguintes itens: <:_:orderedlist-1/>

#. (itstool) path: sect2/para
#: C/index.docbook:297
msgid ""
"The source code for a work means the preferred form of the work for making "
"modifications to it. For an executable work, complete source code means all "
"the source code for all modules it contains, plus any associated interface "
"definition files, plus the scripts used to control compilation and "
"installation of the executable. However, as a special exception, the source "
"code distributed need not include anything that is normally distributed (in "
"either source or binary form) with the major components (compiler, kernel, "
"and so on) of the operating system on which the executable runs, unless that "
"component itself accompanies the executable."
msgstr ""
"O código-fonte de um trabalho corresponde forma de trabalho preferida para "
"se fazer modificaes. Para um trabalho em forma executvel, o código-fonte "
"completo significa todo o código-fonte de todos os módulos que ele contém, "
"mais quaisquer arquivos de definição de ‘interface\', mais os ‘scripts\' "
"utilizados para se controlar a compilação e a instalação do executável. "
"Contudo, como exceção especial, o código-fonte distribuído no precisa "
"incluir qualquer componente normalmente distribuído (tanto em forma original "
"quanto binária) com os maiores componentes (o compilador, o ‘kernel\' etc.) "
"do sistema operacional sob o qual o executável funciona, a menos que o "
"componente em si acompanhe o executável."

If distribution of executable or object code is made by offering access to "
"copy from a designated place, then offering equivalent access to copy the "
"source code from the same place counts as distribution of the source code, "
"even though third parties are not compelled to copy the source along with "
"the object code."
msgstr ""
"Se a distribuição do executável ou código-objeto feita através da oferta "
"de acesso a cópias de algum lugar, entao ofertar o acesso equivalente a "
"cópia, do mesmo lugar, do código-fonte equivalente distribuição do código-" 
"fonte, mesmo que terceiros não sejam compelidos a copiar o código-fonte com "
"o código-objeto."

You may not copy, modify, sublicense, or distribute the Program except as "
"expressly provided under this License. Any attempt otherwise to copy, "
"modify, sublicense or distribute the Program is void, and will automatically "
"terminate your rights under this License. However, parties who have received "
"copies, or rights, from you under this License will not have their licenses "
"terminated so long as such parties remain in full compliance."
msgstr ""
"Você no pode copiar, modificar, sub-licenciar ou distribuir o Programa, "
"exceto de acordo com as condições expressas nesta Licença. Qualquer outra "
"tentativa de cópia, modificação, sub-licenciamento ou distribuição do "
"Programa vetado, e cancelar automaticamente os direitos que lhe foram "
"fornevidos por esta Licença. No entanto, terceiros que receberem cópias ou "
"direitos, fornecidos por voc sob os termos desta Licena, no tero suas "
"licenas canceladas, desde que permaneam em total concordncia com ela."

#. (itstool) path: sect2/title
#: C/index.docbook:328
msgid "Section 5"
msgstr "Seo 5"

#. (itstool) path: sect2/para
#: C/index.docbook:330
msgid """You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Program or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Program (or any work based on the Program), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Program or works based on it."
msgstr """Voc no  obrigado a aceitar esta Licena, j que no a assinou. No "
"entanto, nada mais o dar permissao para modificar ou distribuir o Programa "
"ou trabalhos derivados deste. Estas aes so proibidas por lei, caso voc "
"no aceite esta Licena. Desta forma, ao modificar ou distribuir o Programa "
"(ou qualquer trabalho derivado do Programa), voc estar indicando sua total "
"aceitao desta Licena para faz-los, e todos os seus termos e condies "
"para copiar, distribuir ou modificar o Programa, ou trabalhos baseados nele."

#. (itstool) path: sect2/title
#: C/index.docbook:341
msgid "Section 6"
msgstr "Seo 6"

#. (itstool) path: sect2/para
#: C/index.docbook:343
msgid """Each time you redistribute the Program (or any work based on the Program), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute or modify the Program subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties to this License."
msgstr """Cada vez que voc redistribuir o Programa (ou qualquer trabalho baseado "
"nele), os recebedores adquiriro automaticamente do licenciador original uma "
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If any portion of this section is held invalid or unenforceable under any "particular circumstance, the balance of the section is intended to apply and "the section as a whole is intended to apply in other circumstances."

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"distribuio permitida apenas naqueles ou entre aqueles pases ento no 
"excludos. Nestes casos, esta Licena incorpora a limitao como se a mesma 
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"in spirit to the present version, but may differ in detail to address new 
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"<quote>any later version</quote>, you have the option of following the terms 
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"number of this License, you may choose any version ever published by the 
"Free Software Foundation."

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"de verso especﬁco desta Licena que se aplica a ele e a <quote>qualquer 
"nova verso</quote>, voc tem a opo de aceitar os termos e condies 
"daquela verso ou de qualquer outra verso publicada pela Free Software 
"Foundation. Se o Programa no especiﬁca um nmero de verso desta Licena, 
"voc pode escolher qualquer verso j publicada pela Free Software 
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"SEU. SE O PROGRAMA SE MOSTRAR DEFEITUOSO, VOCÊ A ASSUME OS CUSTOS DE TODAS AS "
"MANUTENÇÕES, REPAROS E CORREÇÕES."

#. (itstool) path: sect2/title
#: C/index.docbook:446
msgid "Section 12"
msgstr "Seo 12"

#. (itstool) path: sect2/para
#: C/index.docbook:448
msgid ""
msgstr ""
"IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "
"THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
"SUCH DAMAGES."
msgstr ""
"EM NENHUMA OCASÃO, A MENOS QUE EXIGIDO PELAS LEIS APLICÁVEIS OU ACORDO "
"EXPRESSO, OS DETENTORES DOS DIREITOS AUTORAIS, OU QUALQUER OUTRA PARTE QUE "
"POSSA MODIFICAR E/OU REDISTRIBUIR O PROGRAMA CONFORME PERMITIDO ACIMA, SERÃO "
"RESPONSABILIZADOS POR VOCÊ POR DANOS, INCLUINDO QUALQUER DANO EM GERAL, "
"ESPECIAL, ACIDENTAL OU CONSEQUENTE, RESULTANTES DO USO OU INCAPACIDADE DE "
"USO DO PROGRAMA (INCLUINDO, MAS NO LIMITADO A, PERDA DE DADOS OU DADOS "
"TORNADOS INCORRETOS, OU PERDAS SOFRIDAS POR VOCÊ OU POR OUTRAS PARTES, OU "
"FALHAS DO PROGRAMA AO OPERAR COM QUALQUER OUTRO PROGRAMA), MESMO QUE TAL "
"DETENTOR OU PARTE TENHAM SIDO AVISADOS DA POSSIBILIDADE DE TAIS DANOS."
@YELP_HELP_RULES@
"\t <street>51 Franklin Street, Fifth Floor</street>, \n"
"\t <city>Boston</city>, \n"
"\t <state>MA</state> <postcode>02110-1301</postcode>\n"
"\t <country>USA</country>\n"
"\t "

msgid "" Free Software Foundation, Inc. \n"
"\t <street>51 Franklin Street, Fifth Floor</street>, \n"
"\t <city>Boston</city>, \n"
"\t <state>MA</state> <postcode>02110-1301</postcode>\n"
"\t <country>USA</country>\n"
"\t "

#: C/index.docbook:35(legalnotice/para)
msgid "<_:address-1/>."
msgstr "<_:address-1/>."

#: C/index.docbook:43(legalnotice/para)
msgid ""
msgstr ""
"Everyone is permitted to copy and distribute verbatim copies of this license 
"document, but changing it is not allowed."
msgstr "" 
"Es ist jedermann erlaubt, wortwörtliche Kopien dieses Lizenzdokuments zu 
"erstellen und zu verbreiten, nderungen sind jedoch nicht zulssig. Diese 
"bersetzung wurde erstellt von Harald Martin bersetzungen und Peter 
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"zu erleichtern. Es handelt sich jedoch nicht um eine offizielle oder im 
"rechtlichen Sinne anerkannte bersetzung.Die Free Software Foundation (FSF) 
"ist nicht der Herausgeber dieser bersetzung, und sie hat diese bersetzung 
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"bersetzer nicht garantieren, dass die bersetzung die rechtlichen Aussagen 
"der GNU LGPL exakt wiedergibt. Wenn Sie sicher gehen wollen, dass von Ihnen 
"geplante Aktivitäten im Sinne der GNU LGPL gestattet sind, halten Sie sich 
"bitte an die <ulink type="http" url="http://www.gnu.org/copyleft/lgpl.html" ">
">englischsprachige Originalversion</ulink>.Die bersetzer und die Free 
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"offizielle Lizenzbedingungen fr von Ihnen geschriebene Programme zu 
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"Foundation herausgegebene <ulink type="http" url="http://www.gnu.org/
"/copyleft/lgpl.html">englischsprachige Originalversion</ulink>."

#: C/index.docbook:48(articleinfo/releaseinfo)
msgid "Version 2.1, February 1999"
msgstr "Version 2.1, Februar 1999"
The licenses for most software are designed to take away your freedom to "share and change it. By contrast, the GNU General Public Licenses are "intended to guarantee your freedom to share and change free software - to "make sure the software is free for all its users."

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"Um Ihre Rechte zu schützen, müssen wir Einschränkungen machen, die es jedem, der die Software weiter gibt, verbieten, Ihnen diese Rechte zu verweigern oder Sie zum Verzicht auf diese Rechte aufzufordern. Aus diesen..."
"Einschränkungen ergeben sich bestimmte Verantwortlichkeiten für Sie, wenn Sie "
"Kopien der Bibliothek verbreiten oder sie verändern."

"Beispielsweise müssen Sie den Empfängern alle Rechte gewähren, die wir Ihnen "
"eingerumt haben, wenn Sie kostenlos oder gegen Bezahlung Kopien der "
"Bibliothek verbreiten. Sie müssen sicherstellen, dass auch die Empfänger den "
"Quelltext erhalten bzw. erhalten können. Wenn Sie einen anderen Code mit der "
"Bibliothek linken, müssen Sie den Empfängern die vollständigen Objekt-Dateien "
"zukommen lassen, so dass sie selbst diesen Code mit der Bibliothek neu linken "
"können, auch nachdem sie Veränderungen an der Bibliothek vorgenommen und sie "
"neu compilieren haben. Und Sie müssen ihnen diese Bedingungen zeigen, damit "
"sie ihre Rechte kennen."

"Wir schützen Ihre Rechte in zwei Schritten: (1) Wir stellen die Bibliothek "
"unter ein Urheberrecht (Copyright), und (2) wir bieten Ihnen diese Lizenz an, "
"die Ihnen das Recht gibt, die Bibliothek zu vervielfältigen, zu verbreiten "
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"Um jeden, der die Software weiter gibt, zu schützen, wollen wir darüber "
"hinaus vollkommen klarstellen, dass für diese freie Bibliothek keinerlei "
"Garantie besteht. Auch sollten, falls die Software von jemand anderem "
"modifiziert und weitergegeben wird, die Empfänger wissen, dass sie nicht das "
"Original erhalten haben, damit irgendwelche von anderen verursachte Probleme "
"nicht den Ruf des ursprünglichen Autors schädigen."
Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.
"Die gewöhnliche GPL erlaubt ein solches Linken nur dann, wenn die ganze "
"Kombination die Kriterien für freie Software erfüllt. Die LGPL erlaubt "
dagegen weniger strenge Kriterien für das Linken von irgendeiner anderen "
"Software mit der Bibliothek."

#: C/index.docbook:158(sect1/para)
msgid "" We call this license the <quote>Lesser</quote> General Public License because "
"it does Less to protect the user's freedom than the ordinary General Public "
"License. It also provides other free software developers Less of an advantage "
"over competing non-free programs. These disadvantages are the reason we use "
"the ordinary General Public License for many libraries. However, the Lesser "
"license provides advantages in certain special circumstances."
msgstr ""
"Wir nennen diese Lizenz die <quote>Kleine</quote> Allgemeine öffentliche "
"Lizenz (Lesser GPL) weil sie weniger (less) dazu beiträgt, die Freiheit des "
"Benutzers zu schützen, als die gewöhnliche Allgemeine öffentliche Lizenz "
"(GPL). Sie verschafft auch anderen Entwicklern freier Software ein Weniger "
"an Vorteil gegenüber konkurrierenden nichtfreien Programmen. Diese Nachteile "
"sind ein Grund dafür, da wir die gewöhnliche GPL für viele Bibliotheken "
"benutzen. Die kleine Lizenz (LGPL) bietet aber unter bestimmten besonderen "
"Umständen doch Vorteile."

#: C/index.docbook:168(sect1/para)
msgid "" For example, on rare occasions, there may be a special need to encourage the "
"widest possible use of a certain library, so that it becomes a de-facto "
"standard. To achieve this, non-free programs must be allowed to use the "
"library. A more frequent case is that a free library does the same job as "
"widely used non-free libraries. In this case, there is little to gain by "
"limiting the free library to free software only, so we use the Lesser General "
"License."
msgstr ""
"So kann, wenn auch nur bei seltenen Gelegenheiten, eine besondere "
"Notwendigkeit bestehen, einen Anreiz zur möglichst weitgehenden Benutzung "
einer bestimmten Bibliothek zu schaffen, so da diese dann ein De-facto-"Standard wird. Um dies zu erreichen, müssen nichtfreie Programme die "
"Bibliothek benutzen dürfen. Ein häufiger Fall ist der, da eine freie "
"Bibliothek dasselbe leistet wie weithin benutzte nichtfreie Bibliotheken. In "
diesem Falle bringt es wenig Nutzen, die freie Bibliothek allein auf freie "
"Software zu beschränken, und dann benutzen wir eben die LGPL.."

#: C/index.docbook:178(sect1/para)
msgid "" In other cases, permission to use a particular library in non-free programs "
enables a greater number of people to use a large body of free software. For "
"example, permission to use the GNU C Library in non-free programs enables "
"many more people to use the whole GNU operating system, as well as its "

"variant, the GNU/Linux operating system."
msgid ""
"In anderen Fällen ermöglicht die Erlaubnis zur Benutzung einer speziellen "
"Bibliothek in nichtfreien Programmen viel mehr Leuten, eine umfangreiche "
"Sammlung freier Software zu nutzen. So ermöglicht z.B. die Erlaubnis zur "
"Benutzung der GNU-C-Bibliothek in nichtfreien Programmen einer viel gereren "
"Zahl von Leuten, das ganze GNU-Betriebssystem ebenso wie seine Variante, das "
"Betriebssystem GNU/Linux, zu benutzen."

#: C/index.docbook:187(sect1/para)
msgid "Although the Lesser General Public License is Less protective of the users’ "
"freedom, it does ensure that the user of a program that is linked with the "
"Library has the freedom and the wherewithal to run that program using a "
"modified version of the Library."
msgid ""
"Obwohl die LGPL die Freiheit des Benutzers weniger schützt, stellt sie doch "
"sicher, dass der Benutzer eines Programms, das mit der Bibliothek gelenkt "
"wurde, die Freiheit und die erforderlichen Mittel hat, das Programm unter "
"Benutzung einer abgedeckten Version der Bibliothek zu betreiben."

#: C/index.docbook:194(sect1/para)
msgid "The precise terms and conditions for copying, distribution and modification "
"follow. Pay close attention to the difference between a <quote>work based on "
"the library</quote> and a <quote>work that uses the library</quote>. The "
"former contains code derived from the library, whereas the latter must be "
"combined with the library in order to run."
msgid ""
"Die genauen Bedingungen für das Kopieren, Weitergeben und Abändern finden Sie "
"im nachstehenden Kapitel. Achten Sie genau auf den Unterschied zwischen "
"<quote>work based on the library</quote>, d.h. <quote>Werk, das auf der "
"Bibliothek basiert</quote> und <quote>work that uses the library</quote> d.h. "
"<quote>Werk, das die Bibliothek benutzt</quote>. Ersteres enthält Code, der "
"von der Bibliothek abgeleitet ist, während letzteres lediglich mit der "
"Bibliothek kombiniert werden muss, um betriebsfähig zu sein."

#: C/index.docbook:205(sect1/title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgid "Bedingungen für die Vervielfältigung, Verbreitung und Bearbeitung"

#: C/index.docbook:208(sect2/title)
msgid "Section 0"
msgid "Paragraph 0"

#: C/index.docbook:209(sect2/para)
msgid "This License Agreement applies to any software library or other program which "
"contains a notice placed by the copyright holder or other authorized party"
"saying it may be distributed under the terms of this Lesser General Public"
"License (also called <quote>this License</quote>). Each licensee is addressed"
"as <quote>you</quote>.
msgstr ""
"Diese Lizenz gilt fr jedes Programm und jedes andere Werk, in dem ein"
"entsprechender Vermerk des Copyright-Inhabers oder eines anderen dazu"
"Befugten darauf hinweist, dass das Werk unter den Bestimmungen dieser Lesser"
"General Public License (im weiteren auch als <quote>diese Lizenz</quote>)"
"bezeichnet) verbreitet werden darf. Jeder Lizenznehmer wird hierin einfach"
"als <quote>Sie</quote> angesprochen."

#: C/index.docbook:217(sect2/para)
msgid ""
"A <quote>library</quote> means a collection of software functions and/or data"
"prepared so as to be conveniently linked with application programs (which use"
"some of those functions and data) to form executables."
msgstr ""
"Eine <quote>Bibliothek</quote> bedeutet eine Zusammenstellung von Software-
"Funktionen und/oder Daten, die so vorbereitet ist, dass sie sich bequem mit"
"Anwendungsprogrammen (welche einige dieser Funktionen und Daten benutzen) zum"
"Bilden von ausführbaren Programmen linken (d.h. verbinden, kombinieren) lsst."

#: C/index.docbook:223(sect2/para)
msgid ""
"The <quote>Library</quote>, below, refers to any such software library or"
"work which has been distributed under these terms. A <quote>work based on the"
"Library</quote> means either the Library or any derivative work under"
"copyright law: that is to say, a work containing the Library or a portion of"
"it, either verbatim or with modifications and/or translated straightforwardly"
"into another language. (Hereinafter, translation is included without"
"limitation in the term <quote>modification</quote>.)"
msgstr ""
"Der Begriff <quote>Bibliothek</quote> bezieht sich im weiteren immer nur auf"
"solche Software-Bibliotheken und solche Werke, die unter diesen Bedingungen"
"der Lesser-GPL-Lizenz verbreitet worden sind. Ein <quote>auf der Bibliothek"
"basierendes Werk</quote> bezeichnet die betreffende Bibliothek selbst sowie"
"jegliche davon abgeleitete Bearbeitung im urheberrechtlichen Sinne, also ein"
"Werk, welches die Bibliothek oder einen Teil davon, sei es unverndert oder"
"verndert und/oder direkt in eine andere Sprache bersetzt, enthl. (Im"
"folgenden wird die Bersetzung ohne Einschrnkung als <quote>Bearbeitung</quote>)"
"eingestuft.)"

#: C/index.docbook:233(sect2/para)
msgid ""
"A <quote>source code</quote> for a work means the preferred form of the work"
"for making modifications to it. For a library, complete source code means all"
"the source code for all modules it contains, plus any associated interface"
"definition files, plus the scripts used to control compilation and "
"installation of the library."

msgstr ""

"Unter dem <quote>Quelltext</quote> eines Werks ist seine für das Vornehmen "
"von Veränderungen bevorzugte Form zu verstehen. Für eine Bibliothek bedeutet "
"<quote>vollständiger Quelltext</quote> den gesamten Quelltext für alle in ihr "
"enthaltenen Bestandteile, für jegliche zu ihr gehörenden Dateien zur "
"Definition von Schnittstellen und schließlich auch für die Skripte, die zur "
"Steuerung der Kompilierung und Installation der Bibliothek benutzt werden."

#: C/index.docbook:241(sect2/para)
msgid ""
msgstr ""

"Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running a program "
"using the Library is not restricted, and output from such a program is "
"covered only if its contents constitute a work based on the Library "
"(independent of the use of the Library in a tool for writing it). Whether "
"that is true depends on what the Library does and what the program that uses "
"the Library does."

msgstr ""

"Andere Handlungen als Vervielfältigung, Verbreitung und Bearbeitung werden "
"von dieser Lizenz nicht berührt; sie fallen nicht in ihren Anwendungsbereich. "
"Das Ausführen eines Programms unter Benutzung der Bibliothek wird nicht "
"eingeschränkt, und die Ausgaben des Programms unterliegen dieser Lizenz nur "
"dann, wenn der Inhalt ein auf der Bibliothek basierendes Werk darstellt "
"(unabhängig davon, dass die Bibliothek in einem Werkzeug zum Schreiben dieses "
"Programms benutzt wurde). Ob dies zutrifft, hängt davon ab, was die "
"Bibliothek bewirkt und was das Programm, das die Bibliothek nutzt, bewirkt."

#: C/index.docbook:254(sect2/title)
msgid "Section 1"
msgstr "Paragraph 1"

#: C/index.docbook:255(sect2/para)
msgid ""
msgstr ""

"You may copy and distribute verbatim copies of the Library's complete source "
"code as you receive it, in any medium, provided that you conspicuously and "
"appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and distribute a copy of this "
"License along with the Library."

msgstr ""

"Sie dürfen auf beliebigen Medien unveränderte Kopien des vollständigen "
"Quelltextes des Programms so, wie sie ihn erhalten haben, anfertigen und "
"verbreiten. Voraussetzung hierfür ist, dass Sie mit jeder Kopie deutlich "
"erkennbar und in angemessener Form einen entsprechenden Copyright-Vermerk "
"sowie einen Haftungsausschluss veröffentlichen, alle Vermerke, die sich auf "
"diese Lizenz und das Fehlen einer Garantie beziehen, unverändert lassen und "
"zusammen mit der Bibliothek jeweils eine Kopie dieser Lizenz weitergeben."

#: C/index.docbook:265(sect2/para)
msgid ""
"You may charge a fee for the physical act of transferring a copy, and you may "
"at your option offer warranty protection in exchange for a fee."
msgstr ""
"Sie dürfen für den eigentlichen Kopier- und Versandvorgang eine Gebühr "
"verlangen. Wenn Sie es wünschen, dürfen Sie auch gegen Entgelt eine Garantie "
"anbieten."

#: C/index.docbook:273(sect2/title)
msgid "Section 2"
msgstr "Paragraph 2"

#: C/index.docbook:283(listitem/para)
msgid "The modified work must itself be a software library."
msgstr ""
"Das Bearbeitungsergebnis muss selbst wieder eine Software-Bibliothek sein."

#: C/index.docbook:288(listitem/para)
msgid "You must cause the files modified to carry prominent notices stating that you "
"changed the files and the date of any change."
msgstr ""
"Sie müssen die veränderten Dateien mit einem auffälligen Vermerk versehen,"
"der auf die von Ihnen vorgenommene Modifizierung der Dateien hinweist und das "
"Datum jeder Änderung angibt."

#: C/index.docbook:294(listitem/para)
msgid "You must cause the whole of the work to be licensed at no charge to all third "
"parties under the terms of this License."
msgstr ""
"Sie müssen dafür sorgen, dass das Werk als Ganzes Dritten unter den "
"Bedingungen dieser Lizenz ohne Lizenzgebühren zur Verfügung gestellt wird."

#: C/index.docbook:300(listitem/para)
msgid ""
"If a facility in the modified Library refers to a function or a table of data "
"to be supplied by an application program that uses the facility, other than "
"as an argument passed when the facility is invoked, then you must make a good "
"faith effort to ensure that, in the event an application does not supply such "
"function or table, the facility still operates, and performs whatever part of "
"its purpose remains meaningful."
msgstr ""
"Wenn sich eine Funktionseinheit der bearbeiteten Bibliothek auf eine Funktion "
"oder Datentabelle stützt, die von einem die Funktionseinheit nutzenden "
"Anwendungsprogramm bereitgestellt werden muss, ohne dass sie als Argument "
"bergeben werden muss, wenn die Funktionseinheit angesprochen wird, dann "
"müssen Sie sich nach bestem Wissen und Gewissen bemühen, sicherzustellen, "
"dass die betreffende Funktionseinheit auch dann noch funktioniert, wenn die "
"Anwendung eine solche Funktion oder Datentabelle nicht bietet, und dass sie "
"den sinnvoll bleibenden Teil ihres Bestimmungszwecks noch ausführt."

#: C/index.docbook:310(listitem/para)
msgid ""
msgstr ""
"(For example, a function in a library to compute square roots has a purpose "
"that is entirely well-defined independent of the application. Therefore, "
"Subsection 2d requires that any application-supplied function or table used "
"by this function must be optional: if the application does not supply it, the "
"square root function must still compute square roots.)"

#: C/index.docbook:319(listitem/para)
msgid ""
msgstr ""
"(So hat z.B. eine Funktion zum Berechnen von Quadratwurzeln einen von der "
"Anwendung unabhängigen genau definierten Zweck. Deshalb verlangt 2 Absatz d, "
"dass jede von der Anwendung bereitgestellte Funktion oder von dieser Funktion "
"benutzte Tabelle optional sein muss: Auch wenn die Anwendung sie nicht "
"bereitstellt, muss die Quadratwurzelfunktion trotzdem noch Quadratwurzeln "
"berechnen)."

#: C/index.docbook:332(listitem/para)
msgid ""
msgstr ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise the "
"right to control the distribution of derivative or collective works based on "
"the Library."

msgstr ""

"Somit ist es nicht die Absicht dieses Abschnittes, Rechte für Werke in "
"Anspruch zu nehmen oder Ihnen Rechte für Werke streitig zu machen, die "
"komplett von Ihnen geschrieben wurden; vielmehr ist es die Absicht, die "
"Rechte zur Kontrolle der Verbreitung von Werken, die auf der Bibliothek "
"basieren oder unter ihrer auszugsweisen Verwendung zusammengestellt worden "
"sind, auszubuchen."

#: C/index.docbook:339(listitem/para)
msgid ""
msgstr ""

"In addition, mere aggregation of another work not based on the Library with "
"the Library (or with a work based on the Library) on a volume of a storage or "
"distribution medium does not bring the other work under the scope of this "
"License."

msgstr ""

"Ferner bringt auch das einfache Zusammenlegen eines anderen Werkes, das nicht "
"auf der Bibliothek basiert, mit der Bibliothek oder mit einem auf der "
"Bibliothek basierenden Werk auf ein- und demselben Speicher- oder "
"Vertriebsmedium dieses andere Werk nicht in den Anwendungsbereich dieser "
"Lizenz."

#: C/index.docbook:274(sect2/para)
msgid ""
msgstr ""

"You may modify your copy or copies of the Library or any portion of it, thus "
"forming a work based on the Library, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</" "
"link> above, provided that you also meet all of these conditions: <_: "
"orderedlist-1/>"

msgstr ""

"Sie dürfen Ihre Kopie(n) der Bibliothek oder irgendeines Teils davon "
"verändern, wodurch ein auf der Bibliothek basierendes Werk entsteht, und Sie "
"dürfen derartige Bearbeitungen unter den Bestimmungen von <link linkend=" "
"\"sect1\">Paragraph 1</link> vervielfältigen und verbreiten, vorausgesetzt, "
"dass zusätzlicher im folgenden genannten Bedingungen erfüllt werden: <_: "
"orderedlist-1/>"

#: C/index.docbook:352(sect2/title)
msgid "Section 3"
msgstr "Paragraph 3"

#: C/index.docbook:354(sect2/para)
msgid ""
msgstr ""

"You may opt to apply the terms of the ordinary GNU General Public License "
"instead of this License to a given copy of the Library. To do this, you must "
"alter all the notices that refer to this License, so that they refer to the "
"ordinary GNU General Public License, version 2, instead of to this License. "
"(If a newer version than version 2 of the ordinary GNU General Public License "
has appeared, then you can specify that version instead if you wish.) Do not "
“make any other change in these notices.”
msgstr ""
"Sie knnen sich fr die Anwendung der Bedingungen der gewhnlichen "
"Allgemeinen frlichen GNU-Lizenz (GNU-GPL) statt dieser Lizenz auf eine "
"gegebene Kopie der Bibliothek entscheiden. Um dies zu tun, mussen Sie alle "
"Eintragungen, die sich auf diese Lizenz beziehen, ndern, so da sie nun fr "
"die gewhnliche GNU-GPL, Version 2, statt fr diese Lizenz (LGPL) gelten. "
"(Wenn eine neuere Version als Version 2 der gewhnlichen GNU-GPL erschienen "
"ist, knen Sie diese angeben, wenn Sie das wnschen.) Nehmen Sie keine "
"anderen Vernderungen in diesen Eintragungen vor."

#: C/index.docbook:365(sect2/para)
msgid ""
"Once this change is made in a given copy, it is irreversible for that copy, "
"so the ordinary GNU General Public License applies to all subsequent copies "
"and derivative works made from that copy.”
msgstr ""
"Wenn diese Vernderung in einer gegebenen Kopie einmal vorgenommen ist, dann "
"ist sie fr diese Kopie nicht mehr zurcknehmbar, und somit gilt dann die "
"gewhnliche GNU-GPL fr alle nachfolgenden Kopien und abgeleiteten Werke, die "
"von dieser Kopie gemacht worden sind.”

#: C/index.docbook:371(sect2/para)
msgid ""
"This option is useful when you wish to copy part of the code of the Library "
"into a program that is not a library.”
msgstr ""
"Diese Option ist ntzlich, wenn Sie einen Teil des Codes der Bibliothek in "
"ein Programm kopieren wollen, das keine Bibliothek ist.”

#: C/index.docbook:378(sect2/title)
msgid "Section 4"
msgstr "Paragraph 4"

#: C/index.docbook:380(sect2/para)
msgid ""
"You may copy and distribute the Library (or a portion or derivative of it, "
"under <link linkend="sect2">Section 2</link> ) in object code or executable "
"form under the terms of Sections <link linkend="sect1">1</link> and <link "
"linkend="sect2">2</link> above provided that you accompany it with the "
"complete corresponding machine-readable source code, which must be "
"distributed under the terms of Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above on a medium customarily used for "
"software interchange.”
msgstr ""
"Sie knnen die Bibliothek (oder einen Teil oder eine Ableitung von ihr, gem “
Paragraph 2 in Objektcode-Form oder in "ausführbarer Form unter den Bedingungen der obigen Paragraphen" kopieren und "weitergeben, sofern Sie den vollständigen entsprechenden maschinenlesbaren Quelltext beifügen, der unter den Bedingungen der obigen Paragraphen auf einem Medium weitergegeben werden muss, das blicherweise zum Austausch von Software benutzt wird.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the Library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such "executables."

"Wird jedoch ein <quote>Werk, das die Bibliothek nutzt</quote>, mit der "Bibliothek gelinkt, so entsteht ein ausführbares Programm, das ein von der "Bibliothek abgeleitetes Werk (weil es Teile der Bibliothek enthält) und kein "<quote>Werk, das die Bibliothek nutzt</quote> ist. Das ausführbare Programm "fällt daher unter diese Lizenz. <link linkend="sect6">Paragraph 6</link>

"gibt die Bedingungen für die Weitergabe solcher ausführbarer Programme an."

"When a <quote>work that uses the Library</quote> uses material from a header "file that is part of the Library, the object code for the work may be a "derivative work of the Library even though the source code is not. Whether "this is true is especially significant if the work can be linked without the "Library, or if the work is itself a library. The threshold for this to be "true is not precisely defined by law."

"Wenn ein <quote>Werk, das die Bibliothek nutzt</quote>, Material aus einer "Header-Datei verwendet, die Teil der Bibliothek ist, dann kann der Objektcode "für das Werk ein von der Bibliothek abgeleitetes Werk sein, selbst wenn der "Quelltext dies nicht ist. Ob dies jeweils zutrifft, ist besonders dann von "Bedeutung, wenn das Werk ohne die Bibliothek gelinkt werden kann oder wenn "das Werk selbst eine Bibliothek ist. Die genaue Grenze, von der an dies "zutrifft, ist rechtlich nicht genau definiert."

"If such an object file uses only numerical parameters, data structure layouts "and accessors, and small macros and small inline functions (ten lines or less) "in length, then the use of the object file is unrestricted, regardless of "whether it is legally a derivative work. (Executables containing this object "code plus portions of the Library will still fall under <link linkend="sect6">Section 6</link>.)"

"Wenn solche eine Objektdatei nur numerische Parameter, Datenstruktur-Layouts "und Zugriffsfunctionen sowie kleine Makros und kleine Inlinefunktionen (zehn "Zeilen lang oder krzer) benutzt, dann unterliegt die Benutzung der "Objektdatei keinen Beschränkungen, ohne Recksicht darauf, ob es rechtlich "gesehen ein abgeleitetes Werk ist. (Ausführbare Programme, welche diesen "Objektc ode plus Teile der Bibliothek enthalten, fallen jedoch weiterhin unter "die Bestimmungen von <link linkend="sect6">Paragraph 6</link>.)"

"Otherwise, if the work is a derivative of the Library, you may distribute the "object code for the work under the terms of <link linkend="sect6">Section "

"Wenn solche eine Objektdatei nur numerische Parameter, Datenstruktur-Layouts "und Zugriffsfunctionen sowie kleine Makros und kleine Inlinefunktionen (zehn "Zeilen lang oder krzer) benutzt, dann unterliegt die Benutzung der "Objektdatei keinen Beschränkungen, ohne Recksicht darauf, ob es rechtlich "gesehen ein abgeleitetes Werk ist. (Ausführbare Programme, welche diesen "Objektc ode plus Teile der Bibliothek enthalten, fallen jedoch weiterhin unter "die Bestimmungen von <link linkend="sect6">Paragraph 6</link>.)"
Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

Ansonsten können Sie, wenn das Werk ein von der Bibliothek abgeleitetes ist, den Objektcode für das Werk unter den Bedingungen von Paragraph 6 weitergeben. Alle ausführbaren Programme, welche dieses Werk enthalten, fallen ebenfalls unter Paragraph 6, gleichgültig, ob sie direkt mit der Bibliothek selbst gelinkt sind oder nicht.

As an exception to the Sections above, you may also combine or link a work that uses the Library with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

Liefern Sie das Werk zusammen mit dem vollständigen zugehörigen maschinenlesbaren Quelltext der Bibliothek aus, und zwar einschließlich jeglicher in dem Werk angewandter nderungen (wobei dessen Weitergabe gemäß den Bedingungen der Paragraphen 1 der Weitergabe gemäß den Bedingungen der Paragraphen...
"ausführbares, mit der Bibliothek gelinktes Programm ist, dann liefern Sie es"
"zusammen mit dem vollständigen maschinenslesbaren <quote>Werk, das die"
"Bibliothek nutzt</quote>, in Form von Objektcodes und/oder Quelltext, so dass"
"der Benutzer die Bibliothek verändern und dann erneut linksen kann, um ein"
"verändertes ausführbares Programm zu erzeugen, das die veränderte Bibliothek"
"enthält. (Es versteht sich, dass der Benutzer, der die Inhalte von"
"Definitionsdateien in der veränderten Bibliothek verändert, nicht"
"notwendigerweise in der Lage sein wird, die Anwendung neu zu kompilieren, um"
"die veränderten Definitionen zu benutzen.)"

"Benutzen Sie einen geeigneten <quote>shared-library-Mechanismus</quote> zum"
"Linken mit der Bibliothek. Geeignet ist ein solcher Mechanismus, der erstens"
"während der Laufzeit eine im Computersystem des Benutzers bereits vorhandene"
"Kopie der Bibliothek benutzt, anstatt Bibliotheksfunctionen in das"
"ausführbare Programm zu kopieren, und der zweitens auch mit einer veränderten"
"Version der Bibliothek, wenn der Benutzer eine solche installiert, richtig"
"funktioniert, solange die veränderte Version schnittstellenkompatibel mit der"
"Version ist, mit der das Werk erstellt wurde."

"Liefert Sie das Werk zusammen mit einem mindestens drei Jahre lang gültigen"
"schriftlichen Angebot, demselben Benutzer die oben in <link linkend="sect6a">
"Paragraph 6, Absatz (a)</link> genannten Materialien zu Kosten, welche die"
"reinen Weitergabekosten nicht bersteigen, zur Verfügung zu stellen."

"Wenn die Weitergabe des Werks dadurch erfolgt, dass die Möglichkeit des"
"Abrufens einer Kopie von einem bestimmten Ort angeboten wird, bieten Sie "
"gleichtwertigen Zugang zum Kopieren der oben angegebenen Materialien von dem "
"gleichen Ort an."

#: C/index.docbook:516(listitem/para)
msgid ""
msgstr ""
"Sie vergewissern sich, dass der Benutzer bereits eine Kopie dieser "
"Materialien erhalten hat oder dass Sie diesem Benutzer bereits eine Kopie "
"geschickt haben."

#: C/index.docbook:462(sect2/para)
msgid ""
msgstr ""
"Sie mssen bei jeder Kopie des Werks deutlich erkennbar angeben, dass die "
"Bibliothek darin genutzt wird und dass die Bibliothek und ihre Benutzung "
"durch die Lizenz abgedeckt sind. Sie mssen eine Kopie dieser Lizenz "
"mitgeben. Wenn das Werk bei seiner Ausfhrung Copyright-Vermerke anzeigt, "
"mssen Sie den Copyright-Vermerk fr die Bibliothek mit anzeigen lassen und "
"dem Benutzer einen Hinweis geben, der ihn zu einer Kopie dieser Lizenz fhrt. "
"Ferner mssen Sie eines der nachfolgend genannten fnf Dinge tun: <_:orderedlist-1/>"

#: C/index.docbook:524(sect2/para)
msgid ""
msgstr ""
"Fr ein ausfhrbares Programmm muss die verlangte Form des <quote>Werks, das "
"die Bibliothek nutzt</quote> alle Daten und Hilfsprogramme mit einschlieen, "
"die man braucht, um daraus das ausfhrbare Programm zu reproduzieren. Doch "
"gilt eine spezielle Ausnahme: Die weiterzugebenden Materialien brauchen nicht "
"alles das zu enthalten, was normalerweise (in Quelltext-Form oder in binner "
"Form) mit den Hauptbestandteilen (Compiler, Kern usw.) des Betriebssystems, "
"auf denen das ausfhrbare Programm lauft, weitergegeben wird, es sei denn."
"das ausführbare Programm gehört selbst zu diesem Hauptbestandteil."

#: C/index.docbook:535(sect2/para)
msgid ""
"It may happen that this requirement contradicts the license restrictions of "
"other proprietary libraries that do not normally accompany the operating "
"system. Such a contradiction means you cannot use both them and the Library "
"together in an executable that you distribute."
msgstr ""
"Es kann vorkommen, dass diese Anforderung im Widerspruch zu "
"Lizenzbeschrankungen anderer, proprietärer Bibliotheken steht, die "
"normalerweise nicht zum Betriebsystem gehören. Ein solcher Widerspruch "
"bedeutet, dass Sie nicht gleichzeitig jene proprietären Bibliotheken und die "
"vorliegende Bibliothek zusammen in einem ausführbaren Programm, das Sie "
"weitergeben, verwenden dürfen."

#: C/index.docbook:546(sect2/title)
msgid "Section 7"
msgstr "Paragraph 7"

#: C/index.docbook:548(sect2/para)
msgid ""
"You may place library facilities that are a work based on the Library side-by-" 
"side in a single library together with other library facilities not covered "
"by this License, and distribute such a combined library, provided that the " 
"separate distribution of the work based on the Library and of the other "
"library facilities is otherwise permitted, and provided that you do these two " 
"things:"
msgstr ""
"Sie dürfen Bibliotheks-Funktionseinheiten, die ein auf der Bibliothek "
"basiierendes Werk darstellen, zusammen mit anderen, nicht unter diese Lizenz " 
"fallenden Funktionseinheiten in eine einzelne Bibliothek einbauen und eine " 
"solche kombinierte Bibliothek weitergeben, vorausgesetzt, da die gesonderte " 
"Weitergabe des auf der Bibliothek basierenden Werks einerseits und der " 
"anderen Funktionseinheiten andererseits ansonsten gestattet ist, und " 
"vorausgesetzt, da Sie folgende zwei Dinge tun:"

#: C/index.docbook:559(listitem/para)
msgid ""
"Accompany the combined library with a copy of the same work based on the "
"Library, uncombined with any other library facilities. This must be "
"distributed under the terms of the Sections above."
msgstr ""
"Geben Sie zusammen mit der kombinierten Bibliothek auch eine Kopie desselben " 
"auf der Bibliothek basierenden Werks mit, die nicht mit irgendwelchen anderen " 
"Funktionseinheiten kombiniert ist. Dieses Werk muss unter den Bedingungen der " 
"obigen Paragraphen weitergegeben werden."
Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

Weisen Sie bei der kombinierten Bibliothek an prominenter Stelle auf die Tatsache hin, dass ein Teil davon ein auf der Bibliothek basierendes Werk ist, und erklären Sie, wo man die mitgegebene unkombinierte Form desselben Werks finden kann.

You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.
"Sie sind nicht verpflichtet, diese Lizenz anzunehmen, da Sie diese nicht "
"unterzeichnet haben. Doch gibt Ihnen sonst nichts die Erlaubnis, die "
"Bibliothek oder von ihr abgeleitete Werke zu verndern oder zu verbreiten. "
"Diese Handlungen sind gesetzlich verboten, wenn Sie diese Lizenz nicht "
"annehmen. Indem Sie die Bibliothek (oder ein darauf basierendes Werk) "
"verndern oder verbreiten, erklären Sie Ihr Einverständnis mit dieser Lizenz, "
"die Ihnen das erlaubt, mit allen ihren Bedingungen bezüglich der "
"Vervielfältigung, Verbreitung und Veränderung der Bibliothek oder eines "
"darauf basierenden Werks."

#: C/index.docbook:606(sect2/title)
msgid "Section 10"
msgstr "Paragraph 10"

#: C/index.docbook:608(sect2/para)
msgid ""
msgstr ""
"Each time you redistribute the Library (or any work based on the Library), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute, link with or modify the Library subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties with this License."
msgstr ""

#: C/index.docbook:619(sect2/title)
msgid "Section 11"
msgstr "Paragraph 11"

#: C/index.docbook:620(sect2/para)
msgid ""
msgstr ""
"If, as a consequence of a court judgment or allegation of patent infringement "
"or for any other reason (not limited to patent issues), conditions are "
"imposed on you (whether by court order, agreement or otherwise) that "
"contradict the conditions of this License, they do not excuse you from the "
"conditions of this License. If you cannot distribute so as to satisfy "
"simultaneously your obligations under this License and any other pertinent "
"obligations, then as a consequence you may not distribute the Library at all. "
"For example, if a patent license would not permit royalty-free redistribution "
"of the Library by all those who receive copies directly or indirectly through "
"you, then the only way you could satisfy both it and this License would be to "
"refrain entirely from distribution of the Library."
Sollten Ihnen infolge eines Gerichtsurteils, des Vorwurfs einer Patentverletzung oder aus einem anderen Grund Bedingungen (durch Gerichtsbeschluss, Vergleich oder anderweitig) auferlegt werden, die den Bedingungen dieser Lizenz widersprechen, so befreien diese Umstände Sie nicht von den Bestimmungen dieser Lizenz. Wenn es Ihnen nicht möglich ist, die Bibliothek unter gleichzeitiger Beachtung der Bedingungen dieser Lizenz und Ihrer anderweitigen Verpflichtungen zu verbreiten, dann dürfen Sie als Folge davon die Bibliothek überhaupt nicht verbreiten. Wenn zum Beispiel ein Patent nicht die gebührenfreie Weiterverbreitung der Bibliothek durch diejenigen erlaubt, welche die Bibliothek direkt oder indirekt von Ihnen erhalten haben, dann besteht der einzige Weg, sowohl dem Patentrecht als auch dieser Lizenz zu gedenken, darin, ganz auf die Verbreitung der Bibliothek zu verzichten.

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# documentation package.
#
# Josef Spillner <dr_maux@maux.de>, 2000.
# Mario Blittermann <mario.blaettermann@gmail.com>, 2008, 2012.
#
msgid "" 
msgstr ""

"Project-Id-Version: desktop-fdl
"POT-Creation-Date: 2015-10-12 19:57+0000
"PO-Revision-Date: 2015-10-15 15:02+0200
"Last-Translator: Christian Kirbach <christian.kirbach@gmail.com>
"Language-Team: German <gnome-de@gnome.org>
"Language: de
"MIME-Version: 1.0
"Content-Type: text/plain; charset=UTF-8
"Content-Transfer-Encoding: 8bit
"X-Poedit-SourceCharset: utf-8
"X-Generator: Poedit 1.8.5

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
msgctxt "_"
msgid "translator-credits"
msgstr ""

"Josef Spillner <dr_maux@maux.de>, 2000"

"Mario Blittermann <mario.blaettermann@gmail.com>, 2008, 2012"

"Christian Kirbach <Christian.Kirbach@gmail.com>, 2015"

#. (itstool) path: articleinfo/title
#: C/index.docbook:17
msgid "GNU Free Documentation License"
msgstr "GNU Freie Dokumentationslizenz"

#. (itstool) path: articleinfo/releaseinfo
#: C/index.docbook:18
msgid "Version 1.1, March 2000"
msgstr "Version 1.1, Mrz 2000"

#. (itstool) path: articleinfo/copyright
Free Software Foundation, Inc. 
             <street>51 Franklin Street, Fifth Floor</street>, 
             <city>Boston</city>, 
             <state>MA</state> <postcode>02110-1301</postcode>
	    <country>USA</country>

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msgstr "Wir haben diese Lizenz gestaltet, um sie für Anleitungen von freier Software "
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"oder Referenzen sind."

#. (itstool) path: sect1/title
#: C/index.docbook:97
msgid "APPLICABILITY AND DEFINITIONS"
msgstr "ANWENDBARKEIT UND DEFINITIONEN"

#. (itstool) path: sect1/para
#: C/index.docbook:98
msgid "This License applies to any manual or other work that contains a notice "
"placed by the copyright holder saying it can be distributed under the terms "
"of this License. The <quote>Document</quote>, below, refers to any such "
"manual or work. Any member of the public is a licensee, and is addressed as "
"<quote>you</quote>.

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"Bedingungen dieser Lizenz verteilt werden kann. Das <quote>Dokument</quote>, "
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"Mitglied der Öffentlichkeit ist ein Lizenznehmer, und wird mit <quote>Sie</quote> "
"bezeichnet."

#. (itstool) path: sect1/para
#: C/index.docbook:107
msgid "A <quote>Modified Version</quote> of the Document means any work containing "
"the Document or a portion of it, either copied verbatim, or with "
"modifications and/or translated into another language."

msgid "" msgstr "Eine <quote>Modifizierte Version</quote> von dem Dokument bezeichnet "
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"wortwörtlich kopiert oder mit Modifikationen und/oder in eine andere Sprache "
"bersetzt."

#. (itstool) path: sect1/para
#: C/index.docbook:114
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"in <link linkend="fdl-section3">Abschnitt 3</link> zustimmen.”

#. (itstool) path: sect1/para
#: C/index.docbook:204
msgid "You may also lend copies, under the same conditions stated above, and you "
"may publicly display copies."
msgstr "Sie dürfen auch Kopien unter den oben genannten Bedingungen verleihen, und "
"Sie dürfen Kopien öffentlich zeigen.”

#. (itstool) path: sect1/title
#: C/index.docbook:211
msgid "COPYING IN QUANTITY"
msgstr "KOPIEREN IN MENGEN"

#. (itstool) path: sect1/para
#: C/index.docbook:212
msgid "If you publish printed copies of the <link linkend="fdl-document" >Document</link> numbering more than 100, and the Document's license "
"notice requires <link linkend="fdl-cover-texts">Cover Texts</link>, you "
"must enclose the copies in covers that carry, clearly and legibly, all these "
"Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on "
"the back cover. Both covers must also clearly and legibly identify you as "
"the publisher of these copies. The front cover must present the full title "
"with all words of the title equally prominent and visible. You may add other "
"material on the covers in addition. Copying with changes limited to the "
"covers, as long as they preserve the title of the <link linkend="fdl-document" >Document</link> and satisfy these conditions, can be treated as "
"verbatim copying in other respects."
msgstr ""Wenn Sie mehr als 100 gedruckte Kopien des <link linkend="fdl-document" >Dokumentes</link> veröffentlichen, und die Lizenz des Dokumentes <link "
"linkend="fdl-cover-texts">Cover-Texte</link> verlangt, müssen Sie die "
"Kopien in Verpackungen einschließen, die sauber und leserlich all diese "
"Cover-Texte enthalten: Vorderseiten texte auf der Vorderseite, und "
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#: C/index.docbook:295
msgid ""
"List on the <link linkend="fdl-title-page">Title Page</link>, as authors, "one or more persons or entities responsible for authorship of the "modifications in the <link linkend="fdl-modified">Modified Version</link>, "together with at least five of the principal authors of the <link linkend="fdl-document">Document</link> (all of its principal authors, if it has "less than five)."
msgstr ""
"Auf der <link linkend="fdl-title-page">Titelseite</link>, eine oder "mehrere Personen als Autoren benennen, die für das Einbringen von "Verminderung in die <link linkend="fdl-modified">Modifizierte Version</link> "verantwortlich sind, zusammen mit mindesten fünf eigentlichen Autoren "des <link linkend="fdl-document">Dokumentes</link> (allen eigentlichen "Autoren, wenn es weniger als fünf sind)."

#. (itstool) path: listitem/para
#: C/index.docbook:307
msgid ""
"State on the <link linkend="fdl-title-page">Title Page</link> the name of "the publisher of the <link linkend="fdl-modified">Modified Version</link>, "as the publisher."
msgstr ""
"Auf der <link linkend="fdl-title-page">Titelseite</link> den Namen des "Verfassers der <link linkend="fdl-modified">Modifizierten Version</link> "als Verfasser kennzeichnen."

#. (itstool) path: listitem/para
#: C/index.docbook:316
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"Preserve all the copyright notices of the <link linkend="fdl-document">Document</link>."
msgstr ""
"Alle Copyright-Hinweise des <link linkend="fdl-document">Dokumentes</link> "beibehalten."

#. (itstool) path: listitem/para
#: C/index.docbook:323
msgid ""
"Add an appropriate copyright notice for your modifications adjacent to the "
"other copyright notices."

msgid "''

"Einen passenden Copyright-Hinweis fr Ihre Modifikationen angrenzend an die "
"anderen Copyright-Hinweise hinzufgen."

msgid "''

"Include, immediately after the copyright notices, a license notice giving "
"the public permission to use the <link linkend="fdl-modified">Modified "
"Version</link> under the terms of this License, in the form shown in the "
"Addendum below."

msgid "''

"Gleich hinter dem Copyright-Hinweis einen Lizenzhinweis eingefgen, der die "
"ffentliche Erlaubnis gibt, die <link linkend="fdl-modified">Modifizierte "
"Version</link> unter den Bedingungen dieser Lizenz zu nutzen, in einer Form, "
"die weiter unten im Anhang dargestellt ist."

msgid "''

"Preserve in that license notice the full lists of <link linkend="fdl-" "invariant"> Invariant Sections</link> and required <link linkend="fdl-" "cover-texts">Cover Texts</link> given in the <link linkend="fdl-document">Document's</link> license notice."

msgid "''

"In dem Lizenzhinweis die volle Liste der <link linkend="fdl-invariant" 
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msgid "Include an unaltered copy of this License."

msgid "Eine unvernderte Kopie dieser Lizenz eingefgen."

msgid "''

"Preserve the section entitled <quote>History</quote>, and its title, and add "
"to it an item stating at least the title, year, new authors, and publisher "
"of the <link linkend="fdl-modified">Modified Version</link> as given on "
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"Titel, Jahr, neue Autoren, und Veröfentlicher der <link linkend="fdl-" 
"modified">Modifizierten Version</link> wie auf der <link linkend="fdl-" 
"title-page">Titelseite</link> gegeben, benannt. Wenn es keinen mit "
"<quote>History</quote> betitelt Abschnitt gibt, erstellen Sie einen, der "
"den Titel, Jahr, Autoren, und Veröfentlicher des <link linkend="fdl-" 
"document">Dokumentes</link> wie auf der Titelseite gegeben, benannt, und "
"fügen Sie dann einen Punkt hinzu, der die Modifizierte Version beschreibt "
"wie im vorhergehenden Satz."

#. (itstool) path: listitem/para
#: C/index.docbook:372
msgid ""
"Preserve the network location, if any, given in the <link linkend="fdl-" 
"document">Document</link> for public access to a <link linkend="fdl-" 
"transparent">Transparent</link> copy of the Document, and likewise the "
"network locations given in the Document for previous versions it was based "
"on. These may be placed in the <quote>History</quote> section. You may omit "
"a network location for a work that was published at least four years before "
"the Document itself, or if the original publisher of the version it refers "
"to gives permission." 
msgstr ""
"Die Netzwerk-Adresse, falls aufgeführt, beibehalten, die im <link linkend="fdl-" 
"document">Dokument</link> aufgeführt ist, um öffentlichen Zugriff zu "
"einer <link linkend="fdl-transparent">Transparenten</link> Kopie des "
"Dokumentes zu ermöglichen, und genauso die Netzwerk-Adressen, die im "
"Dokument für frühere Versionen, auf denen es basiert, aufgeführt sind. Diese "
"können in den <quote>History</quote>-Abschnitt gestellt werden. Sie können "
"eine Netzwerk-Adresse für ein Werk auslassen, das mindestens vier Jahre vor "
"dem Dokument selbst veröffentlicht wurde, oder wenn der ursprüngliche Autor, "
"auf den sich die jeweilige Version bezieht, es erlaubt." 

#. (itstool) path: listitem/para
#: C/index.docbook:387
msgid ""
"In any section entitled <quote>Acknowledgements</quote> or "
"<quote>Dedications</quote>, preserve the section's title, and preserve in "
"the section all the substance and tone of each of the contributor "
"acknowledgements and/or dedications given therein." 
msgstr ""
"In jeglichem Abschnitt, der mit <quote>Acknowledgements</quote> "
"(Anerkennungen) oder <quote>Dedications</quote> (Widmungen) betitelt ist, "
"den Titel des Abschnittes beibehalten, und in dem Abschnitt allen Inhalt und "
"Ton von jeder Anerkennung und/oder Widmung jedes Beiträgers beibehalten, "
"der dort aufgeführt ist."
"Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> of the <link linkend="fdl-document">Document</link>, unaltered in their "text and in their titles. Section numbers or the equivalent are not "considered part of the section titles."

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"Do not retitle any existing section as <quote>Endorsements</quote> or to "conflict in title with any <link linkend="fdl-invariant">Invariant Section</link>.

"Betiteln Sie keine existierenden Abschnitte mit <quote>Endorsements</quote> "oder so, dass sie im Widerspruch zu Titeln von <link linkend="fdl-invariant">"Unvernderlichen Abschnitten</link> stehen.

"If the <link linkend="fdl-modified">Modified Version</link> includes new "front-matter sections or appendices that qualify as <link linkend="fdl-secondary">Secondary Sections</link> and contain no material copied from "the Document, you may at your option designate some or all of these sections "as invariant. To do this, add their titles to the list of <link linkend="fdl-invariant">Invariant Sections</link> in the Modified Version's "license notice. These titles must be distinct from any other section titles."

"Wenn die <link linkend="fdl-modified">Modifizierte Version</link> neue "wichtige Abschnitte enthlt oder Anhge, die <link linkend="fdl-secondary"

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"alten, wenn es der ursprungliche Verffentlicher, der den alten hinzugefugt "
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"author or publisher of that section if known, or else a unique number. Make "
"the same adjustment to the section titles in the list of Invariant Sections "
"in the license notice of the combined work."

msgstr ""

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"ansonsten durch eine einzigartige Nummer. Ihren Sie dieselben Anderungen in "
"der Liste der Unveränderlichen Abschnitte im Lizenzhinweis der kombinierten "
"Arbeit durch."

#. (itstool) path: sect1/para
#: C/index.docbook:498
msgid ""

"In the combination, you must combine any sections entitled <quote>History</" 
"quote> in the various original documents, forming one section entitled " 
"<quote>History</quote>; likewise combine any sections entitled " 
"<quote>Acknowledgements</quote>, and any sections entitled " 
"<quote>Dedications</quote>. You must delete all sections entitled " 
"<quote>Endorsements</quote>.

msgstr ""

"In der Kombination müssen Sie alle mit <quote>History</quote> betitelten " 
"Abschnitte aus den verschiedenen ursprünglichen Dokumenten zusammenführen, " 
"und daraus einen Abschnitt <quote>History</quote> bilden; genau so " 
"kombinieren Sie jeden mit <quote>Acknowledgements</quote> betitelten " 
"Abschnitt, und jeden mit <quote>Dedications</quote> betitelten Abschnitt. " 
"Sie müssen jeden mit <quote>Endorsements</quote> betitelten Abschnitt " 
"löschen."

#. (itstool) path: sect1/title
#: C/index.docbook:509
msgid "COLLECTIONS OF DOCUMENTS"
msgstr "SAMMLUNGEN VON DOKUMENTEN"

#. (itstool) path: sect1/para
#: C/index.docbook:510
msgid ""

"You may make a collection consisting of the <link linkend="fdl-document" " 
">Document</link> and other documents released under this License, and " 
"replace the individual copies of this License in the various documents with " 
"a single copy that is included in the collection, provided that you follow "

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"the rules of this License for verbatim copying of each of the documents in "
"all other respects."
msgstr ""
"Sie drfen eine Sammlung erstellen, die aus dem <link linkend="fdl-document" "">
"Dokument</link> und anderen, unter dieser Lizenz verffentlichten "
"Dokumenten besteht, und die individuellen Kopien der Lizenz in den einzelnen "
"Dokumenten durch eine einzige Kopie ersetzen, die sich in der Sammlung "
"befinden, vorausgesetzt, Sie folgen den Regeln dieser Lizenz fr "
"wortwrtliches Kopieren jedes dieser Dokumente in jeglicher Hinsicht."

#. (itstool) path: sect1/para
#: C/index.docbook:520
msgid "" You may extract a single document from such a collection, and distribute it "
"individually under this License, provided you insert a copy of this License "
"into the extracted document, and follow this License in all other respects "
"regarding verbatim copying of that document."
msgstr "" Sie drfen ein einzelnes Dokument aus einer solchen Sammlung heraus trennen "
"und es individuell unter dieser Lizenz verteilen, vorausgesetzt, Sie fgen "
"eine Kopie dieser Lizenz in das herausgetrennte Dokument ein und folgen der "
"Lizenz in jeglicher Hinsicht bezgl dem wortwrtlichen Kopieren des "
"Dokuments."

#. (itstool) path: sect1/title
#: C/index.docbook:530
msgid "AGGREGATION WITH INDEPENDENT WORKS"
msgstr "AGGREGATION MIT UNABHNGIGEN ARBEITEN"

#. (itstool) path: sect1/para
#: C/index.docbook:531
msgid "" A compilation of the <link linkend="fdl-document">Document</link> or its "
"derivatives with other separate and independent documents or works, in or on "
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"<link> requirement of <link linkend="fdl-section3">section 3</link> is "
"applicable to these copies of the Document, then if the Document is less "
"than one quarter of the entire aggregate, the Document's Cover Texts may be "
"placed on covers that surround only the Document within the aggregate. "
"Otherwise they must appear on covers around the whole aggregate." 
msgstr ""
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"in freier Software zu erlauben."

# translation of desktop-gpl_help.HEAD.po to Basque
# Iaki Larraaga Murgoitio <dooteo@euskalgnu.org>, 2008.
msgid ""
msgstr ""
"Project-Id-Version: desktop-gpl_help.HEAD
"POT-Creation-Date: 2007-09-04 03:25+0100
"PO-Revision-Date: 2008-12-14 19:24+0100
"Last-Translator: Iaki Larraaga Murgoitio <dooteo@euskalgnu.org>
"Language-Team: Basque <itzulpena@euskalgnu.org>
"MIME-Version: 1.0
"Content-Type: text/plain; charset=UTF-8
"Content-Transfer-Encoding: 8bit
"X-Generator: KBabel 1.11.4
"Plural-Forms: nplurals=2; plural=(n != 1);

#: C/gpl.xml:17(title)
msgid "GNU General Public License"
msgstr "GNU Lizentzia Publiko Orokorra"

#: C/gpl.xml:19(year)
msgid "2000"
msgstr "2000"

#: C/gpl.xml:20(holder)
msgid "Free Software Foundation, Inc."
msgstr "Free Software Foundation, Inc."

#: C/gpl.xml:24(surname)
msgid "Free Software Foundation"
msgstr "Free Software Foundation"

#: C/gpl.xml:28(publishername)
msgid "GNOME Documentation Project"
msgstr "GNOMERen dokumentazio-proiektua"

#: C/gpl.xml:33(revnumber)
msgid "2"
msgstr "2"

#: C/gpl.xml:34(date)
msgid "1991-06"
msgstr "1991-06"

#: C/gpl.xml:39(para)
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msgstr "Software libreaz hitz egiten dugunean, askatasunari buruz ari gara, eta ez prezioari buruz. Gure Lizentzia Publiko Orokorren xedea da software librearen kopiarik banatzeko (eta, nahi izanez gero, zerbitzu horregatik kobratzeko) askatasuna duzula ziurtatzea, iturburu-kodea jasoko duzula edo, nahi izanez gero, hartzeko aukera duzula bermatzea, softwareare aldatzeko edo software zatiak beste programa libre berri batzuetan erabiltzeko eskubidea duzula segurtatzea eta gauza horiek egin ditezakezula jakinaraztea."

#: C/gpl.xml:90(para)
msgid "To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it."
msgstr "Zure eskubideak babesteko, norbaitek zuri eskubide hauek ukatzea edo eskubide horiei uko eginaraztea debekatzea eta eragozteko mugak jarri behar ditugu. Mugaketa horien ondorioz, softwarea aldatu edo kopiarik banatzen badituzu, zenbait erantzukizun hartuko dituzko dizu.

#: C/gpl.xml:97(para)
msgid "For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights."
msgstr "Adibidez, horrelako programa baten kopiarik banatzen badituzu, bai doan eta bai kuota baten truke, zuk dituzun eskubide guztiak eman behar dizkiezu hartzaileei. Beraiek ere iturburu-kodea jasotzen dutela edo jaso dezaketela ziurtatu behar duzu. Eta baldintza hauek erakutsi behar dizkiezu, zer eskubide dituzten jakin dezaten."

#: C/gpl.xml:109(para)
msgid "copyright the software, and"
msgstr "softwarearen egile-eskubideak erregistratuz, eta"

#: C/gpl.xml:114(para)
msgid "offer you this license which gives you legal permission to copy, distribute and/or modify the software."
msgstr "softwarea kopiatzeko, banatzeko eta/edo aldatzeko legezko baimena ematen dizun lizentzia eskainiz."

#: C/gpl.xml:104(para)
msgid "We protect your rights with two steps: <placeholder-1/>"
msgstr "Bi urrats hauekin babesten ditugu zure eskubideak: <placeholder-1/>"

#: C/gpl.xml:122(para)
msgid "Also, for each author's protection and ours, we want to make cemtain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations."
msgstr "Horrez gainera, egile oro eta geure burua babestearren, ziurtatu nahi dugu jende guztia lurtzen duela software libre honek ed zuela inolako bermerik. Norbaitek softwarea aldatu eta beste bati pasatzen badio, hartzailaek, berak jaso duena ez dela jatorrizkoa jakitea nahin dugu, besteen eraginez sortzen diren arazoek kalterik egin ez diezaioten jatorrizkoaren egileareen ospe edo izen onari."

#: C/gpl.xml:131(para)
msgid "Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all."
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Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

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Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
baldin eta osagaia bera ez bada exekutagarriarekin batera banatzen.”

#: C/gpl.xml:307(para)
msgid "If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code."
msgstr "Exekutagarri edo objektu-kodeen banaketa xede horretarako zehaztutako leku batetik kopiatzeko sarbidea eskainiz egiten bada, leku beretik iturburu-kodea kopiatzeko sarbide baliokidea eskaintzea iturburu-kodearen banaketa gisa hartzen da, nahiz eta hirugarren alderdiak ez dauden behartuta objektu-kodearekin batera iturburua kopiatzera.”

#: C/gpl.xml:316(title)
msgid "Section 4"
msgstr "4. atala"

#: C/gpl.xml:318(para)
msgid "You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance."
msgstr "Lizentzia honen baitan espresuki adierazitakoa bete gabe debekatuta dago Programa kopiai, aldatu, azpilizentziatu edo banatzea. Beste era batean Programa kopiatsu, aldatsu, azpilizentziatu edo banatzeko saio oro deuseza izango da, eta Lizentzia honen baitan dauzkazun eskubideak automatikoki kenduko zaizkizua. Dena den, Lizentzia honen pean zuregandik kopiak edo eskubideak jaso dituztenei ez zaizkie lizentziak kenduko, baldintza guztiak betetzen badituzte.”

#: C/gpl.xml:328(title)
msgid "Section 5"
msgstr "5. atala"

#: C/gpl.xml:330(para)
msgid "You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it."

#: C/gpl.xml:341(title)
msgid "Section 6"
msgstr "6. atala"

#: C/gpl.xml:343(para)
msgid "Each time you redistribute the Program (or any work based on the Program), the recipient automatically
receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License."


#: C/gpl.xml:353(title)
msgid "Section 7"
msgstr "7. atala"

#: C/gpl.xml:355(para)
msgid "If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License."


#: C/gpl.xml:367(para)
msgid "If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances."

msgstr "Atal honen zatiren bat baliogabea edo bete ezina bada egoera bereziren batean, atalaren gainerrako guztiak aplikatu beharko da, eta ala bere osotasunek aplikatu beharko da beste egoeretan."

#: C/gpl.xml:373(para)
msgid "It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice."


Open Source Used In Data Center Network Manager 11 11.5(4) 6679
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The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and any later version, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.
If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.


Because the Program is licensed free of charge, there is no warranty for the Program, to the extent permitted by applicable law. Except when otherwise stated in writing the copyright holders and/or other parties provide the Program <quote>as is</quote> without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. The entire risk as to the quality and performance of the Program is with you. Should the Program prove defective, you assume the cost of all necessary servicing, repair or correction.

In no event unless required by applicable law or agreed to in writing will any copyright holder, or any other party who may modify and/or redistribute the Program as permitted above, be liable to you for damages, including any
GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

msgstr "LEGE APLIKAGARRIAK EDO IDATZIZ JASOTako BORONDATEZKO AKORDIO BATEK HALA ESKATZEN DUELAko EZ BADA, EZIN IZANGO DIOZU JABETZA INTELEKTUALAREN ESKUBIDEDUNARI EDO GOIAN BAIMENTZEN DEN BEZALA PROGRAMA BIRBANATU EDO ALDA DEZAKEEN BESTE ALDERDI BATI ERANTZUKIZUNIK ESKATU EZ KALTEENGATIK, EZ PROGRAMAREN ERABILERAREN EDO ERABILTZEKO EZGAITASUNAREN ONDORIOZ SOR DAITEZKEEN KALTE OROKOR, BEREZI, GEHIGARRI EDO ONDORIOZKOENGATIK (BESTEAK BESTE, DATUAK GALTZEA EDO HONDATZEA, EDO ZUK EDO BESTE NORBAITEK JASANDAKO GALERAK, EDO BESTE PROGRAMEkin LAN EGITEKO PROGRAMAREN HUTS EGITEREN BAT), NAHIZ ETA ESKUBIDEDUNARI EDO BESTE NORBAIT HORRI KALTEAK IZAN LITEZKEELA AURRETIK ABISATU IZAN."

#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
#: C/gpl.xml:0(None)
msgid "translator-credits"
msgstr "Hizkuntza Politikarako Sailburuordetza <hizpol@ej.gv.es>, 2008."

<?xml version="1.0" encoding="utf-8"?>

<article id="index" lang="ko">
<articleinfo>
<title>GNU     </title>
copyright>
<year>2000</year>
<holder>Free Software Foundation, Inc.</holder>
copyright>
</articleinfo>
<title>GNU     </title>
copyright>
</articleinfo>
</article>
You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- The modified work must itself be a software library.
You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or
collective works based on the Library.
</para>

<para>
In addition, mere aggregation of another work not based on the Library
with the Library (or with a work based on the Library) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.
</para>
</listitem>
</orderedlist>
</sect2>

<sect2 id="sect3" label="3">
<title>3</title>

<para>     LGPL GPL .   LGPL GPL 2 . (GPL 2 . )  .</para>

<para>     GPL ,   GPL .</para>

<para>.</para>
</sect2>

<sect2 id="sect4" label="4">
<title>4</title>

<para> <link linkend="sect1">1</link> <link linkend="sect2">2</link>   ( <link linkend="sect2">2</link>      2
)        .              <link linkend="sect1">1</link> <link linkend="sect2">2</link>            .</para>

<para> ,                          .</para>
</sect2>

<sect2 id="sect5" label="5">
<title>5</title>

<para>    ,     , </para> .               .</para>

<para>     ,     . <link linkend="sect6">6</link>        .</para>

<para>     ,          2   .          . <link linkend="sect6">6</link>        .</para>

<para>                  10             2        . (          <link linkend="sect6">6</link>  .)</para>

<para> 2       <link linkend="sect6">6</link>    .               <link linkend="sect6">6</link>  .</para>
</sect2>
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable <quote>work that uses the Library</quote>, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

- Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

- Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a.
above, for a charge no more than the cost of performing this distribution.
</para>
</listitem>
</listitem>
<para>
If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.
</para>
</listitem>
</listitem>
<para>
Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
</para>
</listitem>
</orderedlist>

<sect2>
<sect2 id="sect7" label="7">
<title>7</title>

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</para>

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<para>. , ( ) ( )
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</li>
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<sect2 id="sect8" label="8">
<title>8</title>

<para>, . . 3 .
</para>

</sect2>

<sect2 id="sect9" label="9">
Open Source Used In Data Center Network Manager 11.5(4) 6689
Tm lisenssisopimuksen kirjaimellinen kopioiminen ja levittäminen on sallittu, mutta muuttaminen on kielletty.

Tm on LGPL-lisenssin epvirallinen kanssa suomeksi. Tt kunn ei ole julkaissut Free Software Foundation eikä se mitä oikeudellisesti sitovasti LGPL-lisenssi kytkivien ohjelmien levyyssohjelmaa vain alkuperäisen englanninkielisen LGPL-lisenssin teksti on oikeudellisesti sitova. Toivomme kuitenkin, että tt kunn auttaa suomenkielisi ymmärtämään LGPL-lisenssi paremmin.

Legalnotice

Versio 2.1, helmikuu 1999

Yleens tietokoneohjelmien lisenssisopimuksen on suunniteltu siten, että ne estää ohjelmien vapaan jakamisen ja muuttamisen. Sen sijaan GPL-lisenssit on suunniteltu takaamaan kytjän vapaus jakaa ja muuttaa ohjelmaa lisenssi varmistaa, että ohjelma on vapaan kaikille kytjille.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

Kun tss Lisenssi puhutaan vapaasta ohjelmasta, silloin ei tarkoiteta hintaa. GPL-lisenssi on nimittäin suunniteltu siten, että kytjille taataan vapaus levittää kopioita vapaista ohjelmista (ja pyytää halutessaan maksua tst palvelusta). GPL-lisenssi takaa myös sen, että kytj saa halutessaan ohjelman lhdekoodin, että hän voi muuttaa ohjelmaa tai kytj osia siitä omissa vapaissa ohjelmissaan, ja että kaikkien niden toimien tiedetyn olevan sallittuja.

Kun tss Lisenssi puhutaan vapaasta ohjelmasta, silloin ei tarkoiteta hintaa. GPL-lisenssit on nimittäin suunniteltu siten, että kytjille taataan vapaus levittää kopioita vapaista ohjelmista (ja pyytää halutessaan maksua tst palvelusta). GPL-lisenssit takaavat myös sen, että kytj saa halutessaan ohjelman lhdekoodin, että hän voi muuttaa ohjelmaa tai kytj osia siitä omissa vapaissa ohjelmissaan, ja että kaikkien niden toimien tiedetyn olevan sallittuja.

Jotta kytjän oikeudet turvattaisiin, lisenssillä asetetaan rajoituksia, jotka esttävät kielteistä oikeuksia tai vaatimusta niden luovuttamista. Ns rajoitukset merkitsevät tiettyj velvoitteita jokaiselle kytjille, joka levittää kirjastokopioita tai muuttaa kirjastoa.

For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.
</para>

<para>
We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.
</para>

<para>Edelleen, jokaisen tekijn ja Free Software Foundationin suojaamiseksi on varmistettava, ett jokainen ymmrrt, ett vapaalla kirjastolla ei ole takuuta. Jos joku muuttaa kirjastoa ja levitt sen edelleen, kirjaston vastaanottajien on tiedettv, ett heill ei ole alkuperist kirjastoa. Joten mik tahansa ongelma, jonka muut ovat aikaansaaneet, ei vaikuta alkuperisen tekijn maineeseen.</para>

<para>Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.
</para>

<para>Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.
</para>

<para>When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.
</para>
We call this license the *Lesser* General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a *work based on the library* and a *work that uses the library*. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.
This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called `this License`). Each licensee is addressed as `you`.

A `library` means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The `Library`, below, refers to any such software library or work which has been distributed under these terms. A `work based on the Library` means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term `modification`.)

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

Lisenssin saajalla on oikeus kopioida ja levittäytyttää Kirjaston lhdekooodista sellaisena kuin se on saatu, mill tahansa laitteella. Ehtona on, että asiantuntevasti jokaisesta kopiosta ilmenee lisäksi tekinon suhde Kirjastoon. Lisenssiin ja ilmoitukseen takuun

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1. The modified work must itself be a software library.
2. You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
3. You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
4. If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
</para>

<para>
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.
</para>

<para>
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.
</para>

<para>
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
</para>
</listitem>
</orderedlist>
</sect2>

<sect2 id="sect3" label="3">
<title>Kohta 3</title>

<para>
You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in these notices.

</para>

<para>
Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.
</para>

<para>
This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
</para>

</sect2>

<sect2 id="sect4" label="4">
<title>Kohta 4</title>

<para>
You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.
</para>

<para>Jos ajettavan tai objektikoodin levittäminen tehdään tietyn paikassaan psy tietyssä paikassa olevaan kopioon, tällin tarjoamalla psy samassa paikassa olevaan lhdekoodian luetaan lhdekoodian levittämiseksi, vaikka kolmansia osapuolia ei pakotettaisi kopioimaan lhdekoodia objektikoodin mukana.</para>

</sect2>

<sect2 id="sect5" label="5">
<title>Kohta 5</title>

<para>
A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a work that uses the Library. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
</para>

</sect2>
However, linking a *work that uses the Library* with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a *work that uses the library*. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a *work that uses the Library* uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a *work that uses the Library* with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and
- Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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Kirjaston kopioiminen, muuttaminen, lisensointi edelleen tai Kirjaston levittaminen muuten kuin tmn Lisenssin ehtojen mukaisesti on kielletty. Kaikki yritykset muulla tavoin kopioida, muuttaa, lisensoida edelleen tai levitt Kirjastoa ovat ptemttmi ja johtavat automaattisesti tmn Lisenssin mukaisten oikeuksien pttymiseen. Sen sijaan ne, jotka ovat saaneet kopioita tai oikeuksia Lisessin saajalta tmn Lisenssin ehtojen mukaisesti, eivt menet saamaan lisensoituja oikeuksia niin kauan kuin he noudattavat nit ehtoja.</para>


Aina kun Kirjastoa (tai Kirjastoon perustuvaa teosta) levitetn, vastaanottaja saa automaattisesti alkuperiselt tekijlt lisenssin kopioida, levitt ja muuttaa Kirjastoa niden ehtojen ja edellyttsten sitomina. Vastaanottajalle ei saa asettaa mitn lisrajoitteita tss annettujen oikeuksien kytst. Lisessin saajalla ei ole vastuuta valvoa noudattavatko kolmannet osapuolet tt Lisessi.</para>
Kohta 11

Jos oikeuden pts tai vite patentin loupkkauksesta tai jokin muu syy (rajoittumatta patenttikysymyksiin) asettaa Lisenssin saajalle ehtoja (olipa niiden alkuperäinen luettelo, sopimus tai jokin muu), jotka ovat vastoin niin lisenssieltehtävistä, ne vett anna oikeutta poiketa tätä Lisenssistä. Jos levittäminen ei ole mahdollista siten, että samanaikaisesti toimittaa sek tnn Lisenssin ehdotkin muiden rajoittavien velvoitteiden mukaisesti, tllin Kirjastoa ei saa lainkaan levittä. Jos esimerkiksi jokin patenttilisenssi ei salli kaikille niille, jotka saavat Kirjaston Lisenssin saajalta joko suoraan tai epäsuorasti, Kirjaston levittäminen edelleen ilman lainkaan levittämistä, tllin ainut tapa tyyt se patenttilisenssin ehdot tnn Lisenssin ehdot on olla levittävä Kirjastoa lainkaan.</para>

Jos jokin osa tätä kohdasta katsotaan pitemmeksi tai mahdottomaksi vahvistaa oikeudessa joissakin tiettyissä olosuhteissa, silloin tkohta on tarkoitus oirettua ptevin osin ja muissa oloissa oirettua kokonaisuudessaan.</para>

Tnn kohdan tarkoitus ei ole johtaa siihen, että Lisenssin saaja rikkoisi mitä patenttia tai muuta varallisuuksin ehtoja tai vitt mitä niiden oikeuksien ptevyttä yhtenä, joka on luotu kytimillä yleiä lisenssejä. Monet ovat antaneet arvokkaan panoksensa mitä eriäisyysjen, jota levittävät ehdot levittäyvän suunnan sen soveltamisen pystyvyyteen; on jokaisen tekijän ja lahjoittajan pystyvyyteen haluaisi nyt levittävän ohjelman jossakin muussa yhteenlevittävässä Lisenssin saaja ei voi vaikuttaa tnn valintaan.</para>

Tnn kohdan tarkoitus on tehdä tyytäasin selväksi se, mik on tnn Lisenssin muiden osien seuraus.</para>

Kohta 12

Jos patentit tai tekijöikeudella suojarat yhtenä, rajoittavat Kirjaston levittäminen tyyt joissakin valtioissa, Kirjaston alkuperäinen tekijä, joka on joiden ohjelmien levitysjaistenm yhtenäysys, joka on luotu kytimillä yleiälisensseilyä. Monet ovat antaneet arvokkaan panoksensa mitä eriäisyysjen, jota levittävät ehdot levittäyvän suunnan sen soveltamisen pystyvyyteen; on jokaisen tekijän ja lahjoittajan pystyvyyteen haluaisi nyt levittävän ohjelman jossakin muussa yhteenlevittävässä Lisenssin saaja ei voi vaikuttaa tnn valintaan.</para>

Kohta 13

Free Software Foundation voi julkaista korjattuja tai uusia versioita LGPL-lisenssissä aina ajoin. Niden uusien versioiden henki on yhtenev nykyisen version kanssa, mutta ne saattavat eroa yksityiskohtaisia ottaen huomioon uusia ongelmia ja huolenaiheita.</para>

Kohta 14

jos lisenssin saaja haluaa ottaa osia kirjastosta mukaan muihin vapaisiin ohjelmiin, joiden levysehdot ovat erilaiset, hnen tulee kirjoittaa tekijille ja kysy lupaa. jos ohjelman tekijöiden omistaa free software foundation, on kirjoitettava heille; he tekevät joksuus poikkeuksia. free software foundationin pstien ohjenuorana on kaksi pmr; silttä kaikista heidän vapaisista ohjelmista johdettujen ohjelmien vapaa asema ja yleisesti kannustaa ohjelmien jakamiseen ja uudelleen kytteen.</para>


<sect2 id="sect15" label="15">
<title>kohta 15</title>
<br>

<para>koska tm kirjasto on lisensoitu ilmaiseksi, tille kirjastolle ei myynyt takausta lain sallimissa rajoissa. ellei tekijöiden haltija kirjallisesti muuta osoita, kirjasto on tarjolla <quote>sellaisena kuin se on</quote> ilman minkälaista takausta. ilmaistua tai hiljaisista, sisältä, muttei tyhjentävästi, hiljaisen takuun kaupallisesti hyväksyttvst laadusta ja soveltuvuudesta tietynyn tarkoitukseen. lisenssin saajalla on kaikki riski kirjaston laadusta ja suorituskyvystä. jos ohjelma osoittautuu virheelliseksi, lisenssin saajan vastuulla ovat kaikki huolto- ja korjaukstarkoittukset.</para>

</sect2>

<sect2 id="sect16" label="16">
<title>kohta 16</title>
<br>

<para>ellei laista tai kirjallisesta hyväksynnst muuta johdu, tekijöiden haltija ja kuka tahansa kolmas osapuoli, joka voi muuttaa tai levittää kirjastoa kuten edellä on sallittua, eivt ole missä tilanteessa vastuussa lisenssin saajalle yleisistä, erityisistä, satunnaisista tai seurauksellisista vahingoista (sisältä, muttei tyhjentävästi, tiedon katoamisena, tiedon vristymisenä). lisenssin saajan tai kolmansien osapuolten menetyksenä ja kirjaston puutteen toimina minkä tahansa toisen ohjelman kanssa), jotka aiheutuvat kirjaston kytettä tai siitä, että kirjastoa ei voi kytettä, siinkin tapauksessa, ett tekijöiden haltija tai kolmas osapuoli olisi maininnut kyseisten vahinkojen mahdollisuudesta.</para>

</sect2>

</sect1>

<article>
# hungarian translation of fdl
# copyright (c) 2007, 2008. free software foundation, inc.
# this file is distributed under the same license as the gnome-desktop package.
#
# kalman kemenczy <kkemenczy at novell dot com>, 2007.
msgid ""
msgstr ""
"project-id-version: gnome-desktop master\n"
"pot-creation-date: 2015-08-18 06:50+0000\n"
"po-creation-date: 2015-08-19 08:26+0200\n"
"last-translator: gabor kelemen <kelemeng at gnome dot hu>\n"
"language-team: hungarian <openscope at gmail dot com>\n"
"language: hu\n"
"mime-version: 1.0\n"
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"<_:address-1/>. Everyone is permitted to copy and distribute verbatim copies 
of this license document, but changing it is not allowed."
msgstr ""
"<_:address-1/>. A jelen licencdokumentumot brki szabadon lemsolhatja s a 
pontos msohatat terjesztheti, de a mdostsa tilos."
"designed for free software."

msgstr ""

"A jelen Licenc egyfajta <quote>copyleft</quote> licencnek tekintend: ez azt "
jelenti, hogy a dokumentumból szrmaztatott munkk maguk is szabad "
"minstt kell, hogy kapjanak. Ez a dokumentum egyben a GNU General Public "
"License kiegsztjeknt is szolgl, mely egy, a szabad szoftverekre "
"vonatkoz etalon licenc."

#. (itstool) path: sect1/para
#: C/index.docbook:85
msgid ""

"We have designed this License in order to use it for manuals for free "
"software, because free software needs free documentation: a free program "
"should come with manuals providing the same freedoms that the software does. "
"But this License is not limited to software manuals; it can be used for any "
"textual work, regardless of subject matter or whether it is published as a "
"printed book. We recommend this License principally for works whose purpose "
"is instruction or reference."

msgstr ""

"A jelen Licenc a szabad szoftverek kziknyveihez val hasznlatra kszlt, "
"hiszen a szabad szoftver egyben szabad dokumentcit is ignyel: egy szabad "
"programot olyan kziknyvel kell elltni, amely ugyanazon szabadsgokat "
"biztostja, mint maga a program. Mindazonltal a jelen Licenc nem "
"korlozdkik pusztn kziknyvekre; felttelei tetszleges trgykr rott "
"dokumentumra alkalmazhat, fggetlen attl, hogy az knyvformban valaha "
"megjelent-e. Mindamellett e Licencet fnk olyan munkkhoz ajnljuk, melyek "
"elsdleges elja az tmutats vagy a tjkoztats."

#. (itstool) path: sect1/title
#: C/index.docbook:97
msgid "APPLICABILITY AND DEFINITIONS"
msgstr "ALKALMAZHATSG S DEFINCIK"

#. (itstool) path: sect1/para
#: C/index.docbook:98
msgid ""

"This License applies to any manual or other work that contains a notice "
"placed by the copyright holder saying it can be distributed under the terms "
"of this License, The <quote>Document</quote>, below, refers to any such "
"manual or work. Any member of the public is a licensee, and is addressed as "
"<quote>you</quote>."

msgstr ""

"A jelen Licenc minden olyan kziknyvre, vagy ms jelleg, brmilyen "
"adathordozen tallhat munkra vonatkozik, amelyen megtaallhat a szerzi "
"jog tulajdonosa Ital feltntetett figyelmzeztets, miszerint a dokumentum "
"terjeszse jelen Licenc felttelei alapin lehetsges. Az albbiakban "
"hasznlt <quote>Dokumentum</quote> kifejezs brmely ilyen jelleg "
"kziknyvre, vagy egyb munkra vonatkozhat. A nyilvnooss brmely tagja "

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"potencialis licenculajdonosnak tekinthet, s a továbbiakban az <quote>n</>"
"quote> megszület használjuk r."

#. (itstool) path: sect1/para
#: C/index.docbook:107
msgid ""
"A <quote>Modified Version</quote> of the Document means any work containing "
"the Document or a portion of it, either copied verbatim, or with "
"modifications and/or translated into another language."
msgstr ""
"A Dokumentum <quote>Mdostott Vltozata</quote> brmely olyan munkra "
"vonatkozik, amely tartalmazza a Dokumentumot, vagy annak elemeit akr sz "
"szerint, akr mdostsokkal, s/vagy ms nyelvre lefordtva."

#. (itstool) path: sect1/para
#: C/index.docbook:114
msgid ""
"A <quote>Secondary Section</quote> is a named appendix or a front-matter "
"section of the <link linkend="fdl-document">Document</link> that deals "
"exclusively with the relationship of the publishers or authors of the "
"Document to the Document's overall subject (or to related matters) and "
"contains nothing that could fall directly within that overall subject. (For "
"example, if the Document is in part a textbook of mathematics, a Secondary "
"Section may not explain any mathematics.) The relationship could be a matter "
"of historical connection with the subject or with related matters, or of "
"legal, commercial, philosophical, ethical or political position regarding "
"them."
msgstr ""
"A <quote>Msodlagos szakasz</quote> egy egyedi nvel br fggel, esetleg "
"a <link linkend="fdl-document">Dokumentum</link> egy bevezet szakasza,"
"amely kizrlag a kiadknak, vagy az alkotknak a Dokumentum tfo "
"trgykhez (vagy kapcsolalt nmkhoz) fzd viszonyr sl, s nem "
"tartalmaz semmi olyat, ami kiztlenl ezen tfo tmakr al eshet. "
"(Vagyis ha a Dokumentum rszben egy matematika-tanknyv, akkor a Msodlagos "
"szakasz nem tartalmazhat matematikai trgy magyarzatokat). A fenti "
"kapcsolat trgya lehet a tmakrrel, vagy a kapcsolalt tnnkral val "
"trtnelmi viszony, illetve az azokra vonatkoz jogi, kereskedelmi, "
"filozfiai, etikai, vagy politikai felfogs."

#. (itstool) path: sect1/para
#: C/index.docbook:129
msgid ""
"The <quote>Invariant Sections</quote> are certain <link linkend="fdl-" "secondary"> Secondary Sections</link> whose titles are designated, as being "
"those of Invariant Sections, in the notice that says that the <link linkend="""
"\"fdl-document\">Document</link> is released under this License."
msgstr ""
"A <quote>Nem Vltoztathat szakaszok</quote> olyan <link linkend="fdl-"
"secondary">Msodlagos szakaszok</link>, amelyek cme Nem Vltoztathat "
"szakaszknt van megjelelve abban a kzenemnyben, amely szerint a <link "
"linkend="fdl-document">Dokumentum</link> a jelen Licenc hatlya alatt lett "
"kiadva.

#. (itstool) path: sect1/para
#: C/index.docbook:138
msgid ""
"The <quote>Cover Texts</quote> are certain short passages of text that are "
"listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says "
"that the <link linkend="fdl-document">Document</link> is released under "
"this License.
msgstr ""
"A <quote>Bortszvegek</quote> olyan rvid szvegrszek, melyek "
"Cmlapszvegknt, illetve Htlapszvegknt kerlnek felsorolsra a "
"kzlemnyben, amely szerint a <link linkend="fdl-document">Dokumentum</"
"link> a jelen Licenc hatlya alatt lett kiadva.”

#. (itstool) path: sect1/para
#: C/index.docbook:146
msgid ""
"A <quote>Transparent</quote> copy of the <link linkend="fdl-document"> "
"Document</link> means a machine-readable copy, represented in a format whose "
"specification is available to the general public, whose contents can be "
"viewed and edited directly and straightforwardly with generic text editors "
"or (for images composed of pixels) generic paint programs or (for drawings) "
"some widely available drawing editor, and that is suitable for input to text "
"formatters or for automatic translation to a variety of formats suitable for "
"input to text formatters. A copy made in an otherwise Transparent file "
"format whose markup has been designed to thwart or discourage subsequent "
"modification by readers is not Transparent. A copy that is not "
"<quote>Transparent</quote> is called <quote>Opaque</quote>."
msgstr ""
"A <link linkend="fdl-document">Dokumentum</link> <quote>tltsz</quote> "
"pldnya olyan gppel olvashat vltozatot jelent, amely a nyilvnossg "
"szmra hozzfrhet forntumban kerl terjesztsre, tovbb amelynek "
"tartalma alkalmas a szokvnyos szvegszerkeszt-programokkal, illetve "
"(pixelekbl ll kpek esetn) szokvnyos kpmsgjelent-programokkal, vagy "
"(rajzok esetn) ltalosan hozzfrhet rajzprogramok segtsgyel azonnali "
"s kvetten vltoztatsokra; tovbb olyan forntumban mely alkalmas a "
"szvegszerkeszkbe val bevitetre, vagy a szvegszerkesztk ltal kezelt "
"forntumokra val automatikus talaktsra. Egy olyan, egybknt tltsz "
"forntumban kslt pldny, melynek a jellnyelve vagy ennek hnya gy "
"lelt kialakrva, hogy megakadlyozza, vagy eltntorta az olvaskat minden "
"tovbbi mdsostl, nem tekinthet tltsznak. A nem <quote>tltsz</"'
"quote> pldnyok az <quote>tltszatlan</quote> megnevezst kapjk.”

#. (itstool) path: sect1/para
Examples of suitable formats for Transparent copies include plain ASCII
"without markup, Texinfo input format, LaTeX input format, SGML or XML using"
a publicly available DTD, and standard-conforming simple HTML designed for
"human modification. Opaque formats include PostScript, PDF, proprietary"
"formats that can be read and edited only by proprietary word processors,"
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"means the text near the most prominent appearance of the work's title,"
"preceding the beginning of the body of the text."

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"illetve brmely azt kiegszt tovbbi oldalt jelli, amely a jelen"
"Licencben elrt cmlaptartalom kzztelhez szksges. Az olyan forntum"
"munkknl, amelyek nem rendelkeznek effajta cmlappal, a <quote>Cmlap</quote>
"a munka cmnek legjobban kiemelt vlozathoz legkezelebb es, m a"
"szveg trzst megelz szvegszegket jelli."

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"covers, as long as they preserve the title of the <link linkend="\"fdl-" 
document\"">Document</link> and satisfy these conditions, can be treated as "
"verbatim copying in other respects."

msgid ""
"Amennyiben 100-nl tbb nyomtatott pldnnyt (vagy olyan adathordozn "
"tallhat pldnnyokat, amelyeknek jellemzen van nyomtatott cmlapjuk) tesz "
"kzz a <link linkend="\"fdl-document\"">Dokumentumbl</link>, s a dokumentum "
"Licence feltett szabja a Bortszvegek megfitt, gy minden egyes "
"pldnnyt teles ellnti olyan bortlapokkal, amelyek a kvetkez <link "
"linkend=\"fdl-cover-texts\">Bortszvegek</link> tiszt n olvashatan fel "
"vannak tntetve: Cmlapszvegek a cmlapon, illetve Htlapszvegek a "
"htlapon. Mindkt bortlapra egyrtelmen s olvashatan r kell vezetnie a "
"kiad, vagyis jelen esetben az n nevt. A cmlapon a Dokumentum teljes "
"cmnek szerepelnie kell, s a cm minden szavnak egyformn kiemeltnek s "
"lthatnak kell lennie. Ezen fell, beltsa szerint, tovbbi rszleteket is "
"hozzadhat a bortlapokhoz. Amennyiben az esetleges mdostsok kizrlag a "
"bortlapokat rintik, s feltve, hogy a <link linkend="\"fdl-document" 
">\"Dokumentum</link> cme vltozatlan marad, tovbb a bortlapok "
"megfelelnek minden egyb kvetelmnynek, gy a sokszorosts ettl "
"eltekintve sz szerinti sokszorostsnak minsl."

#. (itstool) path: sect1/para
#: C/index.docbook:230
msgid ""
"If the required texts for either cover are too voluminous to fit legibly, "
"you should put the first ones listed (as many as fit reasonably) on the "
"actual cover, and continue the rest onto adjacent pages."

msgid ""
"Abban az esetben, ha a bortlapok brmelyikn megkvetelt szvegrszek tl "
"hossznak bizonyulnak az olvashat kzztelhez, gy csak az elskn "
"felsorolatkat kell feltntetnie (amennyi jzan belts szerint elfr) a "
"tnyleges bortn, a tovbbiak pedig tkerlhetnek a kvetkez oldalakra."

#. (itstool) path: sect1/para
#: C/index.docbook:237
msgid ""
"If you publish or distribute <link linkend=\"fdl-transparent\">Opaque</link> "
"copies of the <link linkend=\"fdl-document\">Document</link> numbering more "
"than 100, you must either include a machine-readable <link linkend=\"fdl-" 
"transparent\">Transparent</link> copy along with each Opaque copy, or state "
"in or with each Opaque copy a publicly-accessible computer-network location "
"containing a complete Transparent copy of the Document, free of added "
"material, which the general network-using public has access to download "
"anonymously at no charge using public-standard network protocols. If you use "
"the latter option, you must take reasonably prudent steps, when you begin "

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"distribution of Opaque copies in quantity, to ensure that this Transparent "
"copy will remain thus accessible at the stated location until at least one "
"year after the last time you distribute an Opaque copy (directly or through "
"your agents or retailers) of that edition to the public."
msgstr ""

"Amennyiben 100-nl bb <link linkend="fdl-transparent">tltszatlan</link> pldnnyt tesz kzz, vagy terjeszt a <link linkend="fdl-document">Dokumentumbl</link>, gy kteles vagy egy gppel olvashat <link linkend="">"
"\""<link linkend="fdl-transparent">tltsz</link> pldnnyt mellkelni minden egyes "
"tltszatlan pldnnyhoz, vagy lenni minden egyes tltszatlan pldnnyban "
"egy, a mdostatlan tltsz pldnny tartalmaz olyan szmtp-hlzat "
"elhetsgt, amely elhet az Italnos hlzati felhasznlk szmra, s "
"onnan nyilvnos szabvny hlzati protokollok segtvel a Dokumentum "
"hozzadott anyagok nkli, teljes vltozata letltthet. Ha az utbbi "
"lehetstj, kteles gondoskodni arrl, hogy attl a naptl "
"kezdve, amikor az utols tltszatlan pldnny is terjesztstre kerlt (akr "
"kzvetlenl n Ital, akr kiskereskedelmi forgalomban), a fenti helyen "
"kzttet tltsz pldnny mg legalbb egy vig hozzfrhet legyen a "
"felhasznlk szmra."

#. (itstool) path: sect1/para
#: C/index.docbook:257
msgid ""

"It is requested, but not required, that you contact the authors of the <link "
"linkend="fdl-document">Document</link> well before redistributing any "
"large number of copies, to give them a chance to provide you with an updated "
"version of the Document."
msgstr ""

"Megkjrj, md nem ktelezzk nt arra, hogy minden esetben, amikor nagyobb "
"pldnyszmr terjesztbe kezd, mr jval ezt megelzen lpjen kapcsolatba "
"a <link linkend="fdl-document">Dokumentum</link> szerzivel, annak "
"rdekben, hogy megkaphassa tlk a Dokumentum esetleges jabb vltozatt."
"addition, you must do these things in the Modified Version;"

msgid ""

"nnek lehetsége van a <link linkend="fdl-document">Dokumentum</link> "

"<link linkend="fdl-modified">Mdostott</link> Vltozatnak "

"sokszorosra s terjesztetre a <link linkend="fdl-section2">2.</link> "

"s <link linkend="fdl-section3">3.</link> szakaszok fenti rendelkezsei "

"alapin, fentive, hogy a Mdostott Vltozatot kizrlag jelen licenc "

"feltetteleivel sszhangban teszi kzz, ahol a Mdostott Vltozat a "

"Dokumentum szerepet tlti be, ezltul lehetsget biztostva annak "

"terjesztetre s mdostsra bkinek, aki csak hozzjut egy plldnyhoz. "

"Mindezen fell, a Mdostott Vltozat az albbi kvetelmnyeknek is meg "

"kell, hogy feleljjen:

#. (itstool) path: listitem/para
#: C/index.docbook:282
msgid ""

"Use in the <link linkend="fdl-title-page">Title Page</link> (and on the "

"covers, if any) a title distinct from that of the <link linkend="fdl-" "

"document">Document</link>, and from those of previous versions (which "

"should, if there were any, be listed in the History section of the "

"Document). You may use the same title as a previous version if the original "

"publisher of that version gives permission."
msgid ""
"State on the <link linkend="fdl-title-page">Title Page</link> the name of "
"the publisher of the <link linkend="fdl-modified">Modified Version</link>, "
"as the publisher."
msgstr ""
"A <link linkend="fdl-title-page">Cmlapon</link> a <link linkend="fdl-modified">Mdostott Vltozat</link> kazzttelrt feles szemlyt "
tntesse fel kiadknt."

#. (itstool) path: listitem/para
#: C/index.docbook:316
msgid ""
"Preserve all the copyright notices of the <link linkend="fdl-document">Document</link>.
"
msgstr ""
"A <link linkend="fdl-document">Dokumentum</link> sszes szerzi jogi "
"figyelmeztetst haggyja rintetlenl."

#. (itstool) path: listitem/para
#: C/index.docbook:323
msgid ""
"Add an appropriate copyright notice for your modifications adjacent to the "
"other copyright notices."
msgstr ""
"Sajt mdostsaira vonatkozan is tegyen kzz egy szerzi jogi "
"megjegyzst, a tbbi ilyen jelleg figyelmeztets mellett."
"A fenti környezetben hagyja rintetlenl a <link linkend="fdl-invariant">Nem Vltoztathat</link> szakaszk a <link linkend="fdl-cover-texts">Bortszvegek</link> a jelen <link linkend="fdl-document">Dokumentum</link> licencben elrt teljes listjt.

#. (itstool) path: listitem/para  
#: C/index.docbook:350  
msgid "Include an unaltered copy of this License."  
msgstr "Mellkelje a jelen Licenc egy eredeti plnyt.

#. (itstool) path: listitem/para  
#: C/index.docbook:356  
msgid ""  
msgstr ""  
"Preserve the section entitled <quote>History</quote>, and its title, and add "  
to it an item stating at least the title, year, new authors, and publisher "  
of the <link linkend="fdl-modified">Modified Version </link>as given on "  
the <link linkend="fdl-title-page">Title Page</link>. If there is no "  
"section entitled <quote>History</quote> in the <link linkend="fdl-document">Document</link> "  
"create one stating the title, year, authors, and "  
publisher of the Document as given on its Title Page, then add an item "  
describing the Modified Version as stated in the previous sentence."  
msgstr ""  
"Az <quote>Elzmnyek</quote> elnevezs szakaszt, illetve annak cmt "  
"szint hagyja rintetlenl, emellett adjon hozz egy j elemet, amely "  
"minimlis tartalmazza a <link linkend="fdl-modified">Mdostott "  
"Vltozat</link> cmt, kiadsi vt, tovbb az j szerzk, illetve a kiad "  
"nev, a <link linkend="fdl-title-page">Cmlapon</link> lthatkhoz "  
"hasonlan. Amennyiben a <link linkend="fdl-document">Dokumentum</link> nem "  
tartalmaz semmifile <quote>Elzmnyek</quote> elnevezs szakaszt, gy "  
hozzon ltre egyet, amely tartalmazza a Dokumentum cmt, kiadsi vt, "  
tovbb a szerzk, illetve a kiad nevt, a Cmlapon lthatkhoz hasonlan; "  
majd ezt kveten adjon hozz egy j, a Mdostott Vltozatra vonatkoz "  
"elemet, a fentiekkel sszhangban.

#. (itstool) path: listitem/para  
#: C/index.docbook:372  
msgid ""  
msgstr ""  
"Preserve the network location, if any, given in the <link linkend="fdl-document">Document</link> for public access to a <link linkend="fdl-transparent">Transparent</link> copy of the Document, and likewise the "  
etwork locations given in the Document for previous versions it was based "  
on. These may be placed in the <quote>History</quote> section. You may omit "  
a network location for a work that was published at least four years before "  
"the Document itself, or if the original publisher of the version it refers "  
to gives permission."  
msgstr ""  
"Ne tegyen vltoztatsokat a <link linkend="fdl-document">Dokumentumban</link> "  
"link> megadott <link linkend="fdl-transparent">tltsz pldny</link> "


In any section entitled "Acknowledgements" or "Dedications", preserve the section's title, and preserve in the section all the substance and tone of each of the contributor acknowledgements and/or dedications given therein.

Brmely "Ksznetnyilvnts", vagy "Ajnlsok", "elnevezs szakasz cmt hagyja rintetlenl, tovbb gondoskodjon arrl, hogy azok tartalma s hangvtele az egyes hozzjrulkat, s/vagy az "ajnlsokat illeten vltozatlan maradjon."

Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> of the <link linkend="fdl-document">Document</link>, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles.

A <link linkend="fdl-document">Dokumentum</link> sszes <link linkend="fdl-invariant">Nem Vltoztathat</link> szakaszt hagyja rintetlenl, "gy cmket, mint tartalmukat illeten. A szakaszok szmzoza, vagy brmely "azzal egyenrtk jells nem tartozik a szakaszcmek kz."

Delete any section entitled "Endorsements". Such a section may not be included in the <link linkend="fdl-modified">Modified Version</link>.

"Tryn minden "Hozzjruls" elnevezs szakaszt. Effajta "szakaszok nem kpezhetik rszt a <link linkend="fdl-modified">Mdostott "Vltoztatnak</link>."

Do not retitle any existing section as "Endorsements" or to
"conflict in title with any <link linkend="\"fdl-invariant\">Invariant "
"Sections</link>.
msgstr ""
"Ne nevezz t semmilyen ltez szakaszt <quote>Hozzjruls</quote> "
elnevezsre, vagy olyasmire, amely cnben a <link linkend="\"fdl-invariant"
"">Nem Vltoztathat</link> szakaszokkal tkhet."

#. (itstool) path: sect1/para
#: C/index.docbook:425
msgid ""
"If the <link linkend="\"fdl-modified\">Modified Version</link> includes new "
"front-matter sections or appendices that qualify as <link linkend="\"fdl-"
"secondary\">Secondary Sections</link> and contain no material copied from "
"the Document, you may at your option designate some or all of these sections "
"as invariant. To do this, add their titles to the list of <link linkend="\"fdl-invariant"
"">Invariant Sections</link> in the Modified Version's "
"license notice. These titles must be distinct from any other section titles."
msgstr ""
"Ha a <link linkend="\"fdl-modified\">Mdostott Vltozat</link> j bevezet "
"szakaszokat tartalmaz, vagy olyan fggelkeket, melyek <link linkend="\"fdl-
"secondary\">Msodlagos szakasznak</link> minslnek, m nem tartalmaznak a "
"Dokumentumbl szrmaz anyagot, abban az esetben, beltsa szerint, e "
"szakaszok nmelyikt, vagy akr az szset besorolhatja nem "
"vltoztathatkt. Ehhez nem kell mst tennie, mint felsorolni a szban "
"forg cmeket a <link linkend="\"fdl-invariant\">Mdostott Vltozat</link> "
"licencnek Nem Vltoztathat szakaszok listjban. E cmeknek hatrozottan "
"el kell klnlnie minden egyb szakaszcmtl."

#. (itstool) path: sect1/para
#: C/index.docbook:437
msgid ""
"You may add a section entitled <quote>Endorsements</quote>, provided it "
"contains nothing but endorsements of your <link linkend="\"fdl-modified"
"">Modified Version</link> by various parties--for example, statements of "
"peer review or that the text has been approved by an organization as the "
"authoritative definition of a standard."
msgstr ""
"<quote>Hozzjruls</quote> elnevezs szakaszt csak akkor adhat a "
"Dokumentumhuz, ha az kizrlag a <link linkend="\"fdl-modified\">Mdostott "
"Vltozatra</link> utal megjegyzseket tartalmaz pldul msok recenziira "
"vonatkozan, vagy hogy egy szervezet a szveget egy szabvny mrvad "
"defincjazat ismerte el."
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You may combine the Document with other documents released under this License, under the terms defined in section 4 above for modified versions, provided that you include in the combination all of the

"permission from the previous publisher that added the old one."
"Invariant" of all of the original documents, "unmodified, and list them all as Invariant Sections of your combined work in "its license notice.

msgstr ""

"nnek lehetsge van a <link linkend="fdl-document">Dokumentum</link> "egyb, e Licenc hatlya alatt kiadott dokumentumokkal val kombinlsra a "4. szakasz</link> mdostott vltzatokra "vonatkoz rendelkezsei alapjn, feltve, hogy a kombinci mdosts nkl "tartalmazza az eredeti dokumentumok sszes <link linkend="fdl-invariant">Invariant Sections</link> of all of the original documents, "unmodified, and list them all as Invariant Sections of your combined work in "its license notice.

msgstr ""

"Nem Vltzathat</link> szakasz, s hogy azok mind Nem Vltzathat "szakasznt kerlnk felsorolsra a kombinlt munka licencben, s "tartalmazzk a hozzjuk tartoz Garancik Kizrsait is."

#. (itstool) path: sect1/para
#: C/index.docbook:485
msgid ""
msgstr ""

"The combined work need only contain one copy of this License, and multiple "identical <link linkend="fdl-invariant">Invariant Sections</link> may be "replaced with a single copy. If there are multiple Invariant Sections with "the same name but different contents, make the title of each such section "unique by adding at the end of it, in parentheses, the name of the original "author or publisher of that section if known, or else a unique number. Make "the same adjustment to the section titles in the list of Invariant Sections "in the license notice of the combined work."

msgstr ""

"A kombinlt munknak a jelen Licenc mindssze egy pldnnyt kell "tartalmaznia, az egymssal tfedsben lv <link linkend="fdl-invariant">Invariant Sections</link> may be "replaced with a single copy. If there are multiple Invariant Sections with "the same name but different contents, make the title of each such section "unique by adding at the end of it, in parentheses, the name of the original "author or publisher of that section if known, or else a unique number. Make "the same adjustment to the section titles in the list of Invariant Sections "in the license notice of the combined work."

msgstr ""

"In the combination, you must combine any sections entitled <quote>History</quote> in the various original documents, forming one section entitled "<quote>History</quote>; likewise combine any sections entitled "<quote>Acknowledgements</quote>, and any sections entitled "<quote>Dedications</quote>. You must delete all sections entitled "<quote>Endorsements</quote>."

msgstr ""

"In the combination, you must combine any sections entitled <quote>History</quote> in the various original documents, forming one section entitled "<quote>History</quote>; likewise combine any sections entitled "<quote>Acknowledgements</quote>, and any sections entitled "<quote>Dedications</quote>. You must delete all sections entitled "<quote>Endorsements</quote>."

msgstr ""

"A kombinlt munkban a jelen Licenc mindssze egy pldnnyt kell "tartalmaznia, az egymssal tfedsben lv <link linkend="fdl-invariant">Invariant Sections</link> may be "replaced with a single copy. If there are multiple Invariant Sections with "the same name but different contents, make the title of each such section "unique by adding at the end of it, in parentheses, the name of the original "author or publisher of that section if known, or else a unique number. Make "the same adjustment to the section titles in the list of Invariant Sections "in the license notice of the combined work."

msgstr ""

"In the combination, you must combine any sections entitled <quote>History</quote> in the various original documents, forming one section entitled "<quote>History</quote>; likewise combine any sections entitled "<quote>Acknowledgements</quote>, and any sections entitled "<quote>Dedications</quote>. You must delete all sections entitled "<quote>Endorsements</quote>."

msgstr ""

"A kombinlt munkban a jelen Licenc mindssze egy pldnnyt kell "tartalmaznia, az egymssal tfedsben lv <link linkend="fdl-invariant">Invariant Sections</link> may be "replaced with a single copy. If there are multiple Invariant Sections with "the same name but different contents, make the title of each such section "unique by adding at the end of it, in parentheses, the name of the original "author or publisher of that section if known, or else a unique number. Make "the same adjustment to the section titles in the list of Invariant Sections "in the license notice of the combined work."

msgstr ""

"In the combination, you must combine any sections entitled <quote>History</quote> in the various original documents, forming one section entitled "<quote>History</quote>; likewise combine any sections entitled "<quote>Acknowledgements</quote>, and any sections entitled "<quote>Dedications</quote>. You must delete all sections entitled "<quote>Endorsements</quote>."

msgstr ""

"A kombinlt munkban a jelen Licenc mindssze egy pldnnyt kell "tartalmaznia, az egymssal tfedsben lv <link linkend="fdl-invariant">Invariant Sections</link> may be "replaced with a single copy. If there are multiple Invariant Sections with "the same name but different contents, make the title of each such section "unique by adding at the end of it, in parentheses, the name of the original "author or publisher of that section if known, or else a unique number. Make "the same adjustment to the section titles in the list of Invariant Sections "in the license notice of the combined work."

msgstr ""
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"terms of <link linkend="\"fdl-section4\">section 4</link>. Replacing <link "linkend="\"fdl-invariant\">Invariant Sections</link> with translations requires special permission from their copyright holders, but you may include translations of some or all Invariant Sections in addition to the original versions of these Invariant Sections. You may include a translation of this License provided that you also include the original English version of this License. In case of a disagreement between the translation and the original English version of this License, the original English version will prevail.

msgstr ""
"A fordts egyfajta mdostsnak tekinthet, gy a <link linkend="\"fdl-document\">Dokumentum</link> lefordtott pldnai a <link linkend="\"fdl-section4\">4. szakasz</link> rendelkezsei alapjn terjeszthetk. A <link "linkend="\"fdl-invariant\">Nem Vltoztathat</link> szakaszok lefordtshoz kln engedlyt kell krni a szerzi jogtulajdonostl, mindazonultul 
"kzztehetk a lefordtott vltozatok is gy, ha az eredeti Nem " 

"Vltoztathat szakaszokat is belefoglalja a munka. E Licenc lefordtsra, " 
"valamint minden, a Dokumentumhoz tartoz Licencmellkletre, illetve az " 
"esetleges Garancik Kizrsaira ugyanezek a felttelek rvnyesek, vagyis a " 

"lefordtott vltozatok csak akkor jelenhetnek meg, ha mellette ott vannak az " 
"eredeti, angol nyelv Licenc, a mellkletek s kizrsok szvegi is. " 

"Amennyiben eltrs mutatkozna az eredeti vltozatok, illetve a fords " 

"kztt, gy a Licenc, a mellkletek s kizrsok angol nyelv eredetije " 

"tekintend mradvnak." 


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msgstr ""
"A jelen Licencben egyrtelmen kijellt kereteken kvl tilos a " 
"linkend="\"fdl-document\">Dokumentum</link> brminem soksorostsa, " 
"mdostsa, tovbblicencelse, vagy terjesztse. Minden ezzel szembeni " 
"soksorostsi, mdostsi, tovbblicencelsi, vagy terjesztsi ksrlet a " 

"jelen Licencben meghatrozott jogok automatikus megzsnt vonja maga utn. " 

"Ugyanakkor azok a felek, akik nn keresztj jutottak msolathoz vagy " 

"jogosultsgokhoz, nem vesztik el azokat, amg maradktalanul betartk e " 

Open Source Used In Data Center Network Manager 11 11.5(4) 6722
"Licenc elrsait."

#. (itstool) path: sect1/title
#: C/index.docbook:587
msgid "FUTURE REVISIONS OF THIS LICENSE"
msgstr "JELEN LICENC JVBENI JAVTSAI"

#. (itstool) path: sect1/para
#: C/index.docbook:588
msgid ""
msgstr ""

"The <ulink type="http" url="http://www.gnu.org/fsf/fsf.html">Free "
"Software Foundation</ulink> may publish new, revised versions of the GNU "
"Free Documentation License from time to time. Such new versions will be "
"similar in spirit to the present version, but may differ in detail to "
"address new problems or concerns. See <ulink type="http" url="http://www."
"msgstr ""

"Megttrnhet, hogy a <ulink type="http" url="http://www.gnu.org/fsf/fsf." html">Free Software Foundation</ulink> idrl idre fellvizsglt s/vagy "
"j verzikat boost ki a GNU Free Documentation License-bl. E verzik "
"szellemisge hasonl lesz jelen vltzathoz, m rszleteikben eltrhetnek, "
"j problmk, j agglyok felmerlse okn. V.: <ulink type="http" url=" 
"msgstr ""

#. (itstool) path: sect1/para
#: C/index.docbook:599
msgid ""
msgstr ""

"Each version of the License is given a distinguishing version number. If the "
"<link linkend="fdl-document">Document</link> specifies that a particular "
"numbered version of this License <quote>or any later version</quote> applies "
"to it, you have the option of following the terms and conditions either of "
"that specified version or of any later version that has been published (not "
"as a draft) by the Free Software Foundation. If the Document does not "
"specify a version number of this License, you may choose any version ever "
"published (not as a draft) by the Free Software Foundation."
msgstr ""

"A Licenc minden vltzata egyedi verziszmmal van elltva. Ha a <link "
"linkend="fdl-document">Dokumentum</link> jelen Licenc egy konkrt,"
"szmozott verzi <quote>vagy brmel jabb verzira</quote> hivatkozik,"
"gy nnek a szban forg vltzat, vagy brmel jabb a Free Software "
"Foundation Ital (nem vlatktnt) kiadott verzi felteleinek kvetsre "
"lehetse van. Ha a Dokumentum nem ad meg semmilyen verzisztot, gy "
"brmel, a Free Software Foundation Ital valaha (nem vlatktnt) kiadott "
"vltzat megfelel."

#. (itstool) path: sect1/title
#: C/index.docbook:614
msgid "Addendum"
To use this License in a document you have written, include a copy of the "License in the document and put the following copyright and license notices just after the title page:"

"Copyright YEAR YOUR NAME."

Permission is granted to copy, distribute and/or modify this document under "the terms of the GNU Free Documentation License, Version 1.1 or any later "version published by the Free Software Foundation; with the <link linkend="\"fdl-invariant\"">Invariant Sections</link> being LIST THEIR TITLES, with "the <link linkend="\"fdl-cover-texts\"">Front-Cover Texts</link> being LIST, "and with the <link linkend="\"fdl-cover-texts\"">Back-Cover Texts</link> being "LIST. A copy of the license is included in the section entitled <quote>GNU Free Documentation License</quote>."

"If you have no <link linkend="\"fdl-invariant\"">Invariant Sections</link>, " write <quote>with no Invariant Sections</quote> instead of saying which ones "are invariant. If you have no <link linkend="\"fdl-cover-texts\"">Front-Cover "Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend="\"fdl-cover-texts\"">Back-Cover Texts</link>."
"Amennyiben nincsenek <link linkend="fdl-invariant">Nem vltoztathat "
"szakaszok</link>, akkor ahelyett a rsz helyett, hogy melyek nem "
"vltoztathatak, rja azt, hogy <quote>Nem tartalmaz Nem vltoztathat "
"szakaszokat</quote>. Amennyiben nincsenek <link linkend="fdl-cover-texts"
"">Cmlapszvegek</link>, akkor <quote>Cmlapszveget felsorolja</quote> "
"helyett, rja azt, hogy <quote>Cmlapszveget nem tartalmaz</quote>; "
"hasonlan irjon el a <link linkend="fdl-cover-texts">Htlapszveg</link> "
"esetben."

"If your document contains nontrivial examples of program code, we recommend "
"releasing these examples in parallel under your choice of free software "
"license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/
""> GNU General Public License</ulink>, to permit their use in free "
"software."
msgstr ""

"Amennyiben a dokumentum nem egyrtelm programkdplkat is tartalmaz, gy "
"azt javasoljuk, hogy e pldkat egy vlasztsa szerinti szabad szoftver "
"licenc alatt kzi meg mint pldul a <ulink type="http" url="http://www."
">gnu.org/copyleft/gpl.html"> GNU General Public License</ulink>, hogy "
"lehetv tegye a kdok szabad szoftverekben val alkalmazst."

#~ msgid "2000"
#~ msgstr "2000"

#~ msgid "1.1"
#~ msgstr "1.1"

#~ msgid "2000-03"
#~ msgstr "2000-03"

msgid ""
msgstr ""
"Project-Id-Version: desktop-lgpl
"POT-Creation-Date: 2013-12-18 20:31+0000
"PO-Revision-Date: 2014-08-15 22:16+0100
"Last-Translator: Sebastian Rasmussen <sebras@gmail.com>
"Language-Team: Swedish <tp-sv@listorp.tp-sv.se>
"Language: sv
"MIME-Version: 1.0
"Content-Type: text/plain; charset=UTF-8
"Content-Transfer-Encoding: 8bit
"X-Generator: Poedit 1.5.4

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
#!/ msgid "translator-credits"
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

De flesta programvarulicenser r skapade fr att ta bort din frihet att ndra och dela med dig av programvaran. GNU General Public License r tvrtom skapad fr att garantera din frihet att dela med dig av och frndra fri programvara - fr att frskra att programvaran r fri fr alla dess anvndare.
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"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."

"nr vi talar om fri programvara syftar vi p frihet att anvnda den, inte "
"pris. Vra GPL r skapade fr att garantera din rtt att distribuera kopior "
"av fri programvara (och ta betalt fr tjnsten om du nskar), att garantera "
"att du fr kllkoden eller kan f den om du s nskar, att garantera att du "
"kan ndra i programvaran och anvnda delar av den i ny fri programvara samt "
"att garantera att du r informerad om dessa rttigheter."

"This license, the Lesser General Public License, applies to some specially "
"designated software packages--typically libraries--of the Free Software "
"Foundation and other authors who decide to use it. You can use it too, but "
"we suggest you first think carefully about whether this license or the "
"ordinary General Public License is the better strategy to use in any "
"particular case, based on the explanations below."

"Denna licens, Lesser General Public License, gller vissa specialutformade "
"programpaketet srskt bibliotek fn Free Software Foundation och andra "
"upphovsmn som bestmmer sig fr att anvnda licensen. Du kan ocks anvnda "
"licensen, men vi freslr att du utifr en beskrivningen nedan funderar p om "
"det r den hr licensen eller ordinarie GPL som r den bsta strategin fr "
"dig."

"When we speak of free software, we are referring to freedom of use, not "
"price. Our General Public Licenses are designed to make sure that you have "
"the freedom to distribute copies of free software (and charge for this "
"service if you wish); that you receive source code or can get it if you want "
"it; that you can change the software and use pieces of it in new free "
"programs; and that you are informed that you can do these things."

"nr vi talar om fri programvara syftar vi p frihet att anvnda den, inte "
"pris. Vra GPL r skapade fr att garantera din rtt att distribuera kopior "
"av fri programvara (och ta betalt fr tjnsten om du nskar), att garantera "
"att du fr kllkoden eller kan f den om du s nskar, att garantera att du "
"kan ndra i programvaran och anvnda delar av den i ny fri programvara samt "
"att garantera att du r informerad om dessa rttigheter."
To protect your rights, we need to make restrictions that forbid
"distributors to deny you these rights or to ask you to surrender these"
"rights. These restrictions translate to certain responsibilities for you if"
"you distribute copies of the library or if you modify it."

"For example, if you distribute copies of the library, whether gratis or for"
"a fee, you must give the recipients all the rights that we gave you. You"
"must make sure that they, too, receive or can get the source code. If you"
"link other code with the library, you must provide complete object files to"
"the recipients, so that they can relink them with the library after making"
"changes to the library and recompiling it. And you must show them these"
"terms so they know their rights."

We protect your rights with a two-step method: (1) we copyright the library,"
"and (2) we offer you this license, which gives you legal permission to copy,"
"distribute and/or modify the library."

"To protect each distributor, we want to make it very clear that there is no"
"warranty for the free library. Also, if the library is modified by someone"
"else and passed on, the recipients should know that what they have is not"
"the original version, so that the original author's reputation will not be"
"affected by problems that might be introduced by others."
"Fr varje enskild distributrs skerhet vill vi frtydliga att det inte "
"Inmnas ngra garantier fr det fria biblioteket. Om biblioteket ndras av "
"ngon annan n upphovsmannen och vidareverlts, br mottagaren knna till "
"att han/hon inte har originalversionen och att frndringar av och "
"felaktigheter i biblioteket inte skall belasta den ursprunglige "
"upphovsmannen."

#: C/index.docbook:130(sect1/para)
msgid ""
msgstr ""
"Finally, software patents pose a constant threat to the existence of any "
"free program. We wish to make sure that a company cannot effectively "
"restrict the users of a free program by obtaining a restrictive license from "
"a patent holder. Therefore, we insist that any patent license obtained for a "
"version of the library must be consistent with the full freedom of use "
"specified in this license."
msgstr ""
"Slutligen skall nmnas att all fri programvara hotas av programvarupatent. "
"Vi vill undvika att fretag kan frhindra anvndningen av fri programvara "
" genom att skaffa en begrnsande licens frn en patentinnehavare. Vi "
"insisterar drfr p att alla patentlicenser som erhlls fr en version av "
"biblioteket mste vara frenliga med den fulla nytjandefriheten i den hr "
"licensen."

#: C/index.docbook:139(sect1/para)
msgid ""
msgid ""
"Most GNU software, including some libraries, is covered by the ordinary GNU "
"General Public License. This license, the GNU Lesser General Public License, "
"applies to certain designated libraries, and is quite different from the "
"ordinary General Public License. We use this license for certain libraries "
"in order to permit linking those libraries into non-free programs."
msgstr ""
"De flesta GNU-program, inklusive vissa bibliotek, tcks av ordinarie GPL. "
"Den hr licensen, GNU Lesser General Public License (nedan kallad LGPL), "
"gller vissa specifcerade bibliotek och skiljer sig avsevrt frn GPL. Vi "
"anvnder den hr licensen fr vissa bibliotek i syfte att tillta lnkning "
"av biblioteken till icke-fria programvaror."

#: C/index.docbook:148(sect1/para)
msgid ""
"When a program is linked with a library, whether statically or using a "
"shared library, the combination of the two is legally speaking a combined "
"work, a derivative of the original library. The ordinary General Public "
"License therefore permits such linking only if the entire combination fits "
"its criteria of freedom. The Lesser General Public License permits more lax "
"criteria for linking other code with the library."
msgstr ""
"Nr ett program lnkas med ett bibliotek, antingen statiskt eller genom ett "
"delat bibliotek, r sammanslagningen ur rttslig synpunkt ett kombinerat "
"verk, en hrledning ur det ursprungliga biblioteket. Enligt ordinarie GPL "
"tillts drfr sdan lnkning endast om hela kombinationen verensstimmer "
"med kriterierna fr fri programvara. LGPL tillter mer uppluckrade kriterier "
"fr lnkning av annan kod till biblioteket."

#: C/index.docbook:158(sect1/para)
msgid ""
msgstr ""
"We call this license the <quote>Lesser</quote> General Public License "
"because it does Less to protect the user's freedom than the ordinary General "
"Public License. It also provides other free software developers Less of an "
"advantage over competing non-free programs. These disadvantages are the "
"reason we use the ordinary General Public License for many libraries. "
"However, the Lesser license provides advantages in certain special "
"circumstances."

#: C/index.docbook:168(sect1/para)
msgid ""
msgstr ""
"For example, on rare occasions, there may be a special need to encourage the "
"widest possible use of a certain library, so that it becomes a de-facto "
"standard. To achieve this, non-free programs must be allowed to use the "
"library. A more frequent case is that a free library does the same job as "
"widely used non-free libraries. In this case, there is little to gain by "
"limiting the free library to free software only, so we use the Lesser "
"General Public License."

#: C/index.docbook:178(sect1/para)
msgid ""
msgstr ""
"In other cases, permission to use a particular library in non-free programs "
"enables a greater number of people to use a large body of free software. For "
"example, permission to use the GNU C Library in non-free programs enables "
"many more people to use the whole GNU operating system, as well as its "
"variant, the GNU/Linux operating system."
"I andra fall ger tilltelse att använda ett visst bibliotek i icke-fria"
"program fler människor möjlighet att använda en stor mängd fria"
"programvaror. Som exempel kan nämnas att tilltelse att använda biblioteket"
"GNU C i icke-fria program, gr det möjligt fr fler personer att använda"
"hela GNU-operativsystemet eller GNU/Linux-operativsystemet."

"Although the Lesser General Public License is Less protective of the users"
"freedom, it does ensure that the user of a program that is linked with the"
"Library has the freedom and the wherewithal to run that program using a"
"modified version of the Library."

"The precise terms and conditions for copying, distribution and modification"
"follow. Pay close attention to the difference between a <quote>work based on"
"the library</quote> and a <quote>work that uses the library</quote>. The"
"former contains code derived from the library, whereas the latter must be"
"combined with the library in order to run."

"This License Agreement applies to any software library or other program"
"which contains a notice placed by the copyright holder or other authorized"
"party saying it may be distributed under the terms of this Lesser General"
"Public License (also called <quote>this License</quote>). Each licensee is"
"addressed as <quote>you</quote>."
"Detta licensavtal gäller samtliga programbibliotek eller andra program som "
"innehåller en upphovsrättsklausul från upphovsrättsinnehavaren eller annan "
"behörig part som sger att det kan distribueras enligt villkoren i Lesser "
"General Public License (nedan ven kallad <quote>Licensen</quote>). Samtliga "
"licensinnehavare tituleras med <quote>du</quote>.
"

"A <quote>library</quote> means a collection of software functions and/or "
"data prepared so as to be conveniently linked with application programs "
"(which use some of those functions and data) to form executables." 

"Med ett <quote>bibliotek</quote> avses en samling programfunktioner och/"neller data som frberetts fr att enkelt kunna inkas till "applikationsprogram (som anvnder vissa av dessa funktioner och viss data) "fr att skapa krbara filer.

"The <quote>Library</quote>, below, refers to any such software library or "work which has been distributed under these terms. A <quote>work based on "the Library</quote> means either the Library or any derivative work under "copyright law: that is to say, a work containing the Library or a portion of "it, either verbatim or with modifications and/or translated "straightforwardly into another language. (Hereinafter, translation is "included without limitation in the term <quote>modification</quote>.)"

"<quote>Source code</quote> for a work means the preferred form of the work "for making modifications to it. For a library, complete source code means "all the source code for all modules it contains, plus any associated "interface definition files, plus the scripts used to control compilation and "installation of the library." 

"Med <quote>kllkod</quote> fr ett verk avses den fredragna formen av "verket fr att kunna gra ndringar av verket. Fr ett bibliotek betyder den "fullstndiga kllkoden all kllkod fr alla ingende moduler, eventuella "dithrande definitionsfiler fr gmssnitt samt skript som anvnds fr att "

Open Source Used In Data Center Network Manager 11 11.5(4) 6733
"Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does."

"You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library."

"You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee."

"You may not use the Library for anything except its own self-defense."

"You must cause the files to include LICENCE.LIBERTY and this license notice in all copies of the Library that you distribute."

"If the Library has been modified, you may distribute the modified version under the terms of either this License or any later version published by the Free Software Foundation. This License works best with a code base consisting of multiple interrelated parts, each of which has independent users. But it could be used for a single file, too, to separate out the code containing specific library functionality into a specially linked version."

"The Library may be used to implement the facility or facilities referenced by the GNU General Public License with the same permissions as described there for static and dynamic linking."

"You must cause any work that you distribute to carry both this License Notice and a notice stating that any changes you made to the Library and any additions you incorporated come with no warranty and are your responsibility."

"For any cause of action brought by you against me as a result of infringement of this License or copyright or patent infringement relating to the Library, the damage will be limited to actual, direct losses and in no case exceed four times the fees paid under this License for the Library in question."

"Open Source Used In Data Center Network Manager 11 11.5(4) 6734"
Section 2

The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- You must cause any modified files to carryగo సాధారణ GNU General Public License, instead of this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.
This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.
A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a work that uses the Library. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a work that uses the Library with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a work that uses the library. The executable is therefore covered by this License. <link linkend="sect6">Section 6</link> states terms for distribution of such executables.

When a work that uses the Library uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
"inte exakt definierat i lagstiftningen."

#: C/index.docbook:431(sect2/para)
msgid ""
"If such an object file uses only numerical parameters, data structure "
"layouts and accessors, and small macros and small inline functions (ten "
"lines or less in length), then the use of the object file is unrestricted,"
"regardless of whether it is legally a derivative work. (Executables "
"containing this object code plus portions of the Library will still fall "
"under <link linkend="sect6">Section 6</link>.)"
msgstr ""
"Om en sådan objektfil endast använder numeriska parametrar, "
"datastrukturlayouter, accessor-funktioner, korta makron och kortare inline-"
"funktioner (tio rader eller kortare) r användningen av objektfilen "
"obegränsad, oavsett om det lagligt sett r ett hrlett verk. (Krbara filer "
"som innehåller objektkoden samt delar av Biblioteket faller nd under <link "
"linkend="sect6">paragraf 6</link>.)"

#: C/index.docbook:440(sect2/para)
msgid ""
"Otherwise, if the work is a derivative of the Library, you may distribute "
"the object code for the work under the terms of <link linkend=""
">Section 6</link>. Any executables containing that work also fall "
"under <link linkend="sect6">Section 6</link>, whether or not they are "
"linked directly with the Library itself."
msgstr ""
"Om verket r en hrledning ur Biblioteket, kan du distribuera objektkoden "
"fr verket enligt villkoren i <link linkend="sect6">paragraf 6</link>. "
"Samtliga krbara filer som innehåller det verket faller ocks under <link "
"linkend="sect6">paragraf 6</link>, oavsett om de lnkade direkt till "
"Biblioteket eller inte."

#: C/index.docbook:451(sect2/title)
msgid "Section 6"
msgstr "Paragraf 6"

#: C/index.docbook:453(sect2/para)
msgid ""
"As an exception to the Sections above, you may also combine or link a "
"<quote>work that uses the Library</quote> with the Library to produce a work "
"containing portions of the Library, and distribute that work under terms of "
"your choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications."
msgstr ""
"Undantag från paragraferna ovan kan gras från kombination eller lnkning av "
"ett <quote>verk som använder Biblioteket</quote> med Biblioteket fr att "
"skapa ett verk som innehåller delar av Biblioteket samt distribution av "
"verket enligt andra villkor, under frutsättning att villkoren tillter "
"ndringar i verket fr kundens egen rkning och omvnt en mjlnhet att ta "
bort ndringarna."

msgid "
"Accompany the work with the complete corresponding machine-readable source "
"code for the Library including whatever changes were used in the work (which "
"must be distributed under Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above); and, if the work is an executable "
"linked with the Library, with the complete machine-readable <quote>work that "
"uses the Library</quote>, as object code and/or source code, so that the "
"user can modify the Library and then relink to produce a modified executable "
"containing the modified Library. (It is understood that the user who changes "
"the contents of definitions files in the Library will not necessarily be "
"able to recompile the application to use the modified definitions.)"

msgid "
"Bifoga den kompletta kllkoden fr Biblioteket i maskinlsbar form inklusive "
"eventuella ndringar som anvnts i verket (vilka skall distribueras enligt "
"paragraf <link linkend="sect1">1</link> och <link linkend="sect2">2</link> ovan) samt, om verket r en krbar fil lnkad till Biblioteket, det "
"kompletta maskinlsbara <quote>verket som anvnder Biblioteket</quote> som "
"objektkod och/eller kllkod, s att anvndaren kan ndra Biblioteket och "
"sedan terlnka det fr att skapa en frndrad krbar fil innehlande det "
"ndrade Biblioteket. (Detta beror p att anvndaren som ndrar innehllet av "
"definitionsfilerna i Biblioteket kanske inte kan kompilera om applikationen "
"fr att anvnda de ndrade definitionerna.)"

msgid "
"Use a suitable shared library mechanism for linking with the Library. A "
"suitable mechanism is one that (1) uses at run time a copy of the library "
"already present on the user's computer system, rather than copying library "
"functions into the executable, and (2) will operate properly with a modified "
"version of the library, if the user installs one, as long as the modified "
"version is interface-compatible with the version that the work was made with."
performing this distribution.

Bifoga ett skriftligt erbjudande, gllande i minst tre r, att ge samma
"användare materialen upprknade i <link linkend="sect6a">6a</link> ovan, "
mot en avgift som inte r hgre n sjlvkostnaden fr distributionen.

"If distribution of the work is made by offering access to copy from a "
"designated place, offer equivalent access to copy the above specified "
"materials from the same place."

"Om distributionen av verket sker genom erbjudande av tillgng till kopiering "
"frn en bestmd plats, erbjuda motsvarande tillgng att kopiera de ovan "
"nmnda materialen frn samma plats."

"Verify that the user has already received a copy of these materials or that "
"you have already sent this user a copy."

"Kontrollera att anvndaren redan har mottagit en kopia av materialen eller "
"att du redan har skickat en kopia till denna anvndare."

"You must give prominent notice with each copy of the work that the "
"Library is used in it and that the Library and its use are covered by "
"this License. You must supply a copy of this License. If the work during "
"execution displays copyright notices, you must include the copyright "
"notice for the Library among them, as well as a reference directing the "
"user to the copy of this License. Also, you must do one of these things: "
"<placeholder-1/>"

"You must give prominent notice with each copy of the work that the Library "
"is used in it and that the Library and its use are covered by this License. "
"You must supply a copy of this License. If the work during execution "
"displays copyright notices, you must include the copyright notice for the "
"Library among them, as well as a reference directing the user to the copy of "
"this License. Also, you must do one of these things: <_:orderedlist-1/>"

"Varje kopia av verket mste tfljas av ett tydligt meddelande att "
"Biblioteket anvnds i verket och att Biblioteket och dess användning tcks "
"av den hr Licensen. Du mste bifoga en kopia av Licensen. Om verket under "
"krning visar upphovsrtsklausuler mste du ven inkludera "
"upphovsrtsklausuler fr Biblioteket samt en referens till kopian av denna "
"Licens. Du mste ven gra en av fljande saker: <_:orderedlist-1/>"
For an executable, the required form of the <quote>work that uses the "Library"</quote> must include any data and utility programs needed for "reproducing the executable from it. However, as a special exception, the "materials to be distributed need not include anything that is normally "distributed (in either source or binary form) with the major components "(compiler, kernel, and so on) of the operating system on which the "executable runs, unless that component itself accompanies the executable."

Fr krbara filer mste <quote>verket som anvnder Biblioteket</quote> "innehlla samtliga data- och hjlpprogram som behvs fr att skapa en krbar "fil frn den. Ett undantag kan dock gras fr material som normalt "distribueras, antingen i binr form eller kllkod, med huvudkomponenterna "(kompilator, krna osv.) i vilket den krbara filen krs, svida inte denna "komponent medfljer den krbara filen."

It may happen that this requirement contradicts the license restrictions of "other proprietary libraries that do not normally accompany the operating "system. Such a contradiction means you cannot use both them and the Library "together in an executable that you distribute."

Det kan intrffa att detta krav motsger licensbegrnsningarna i andra "patenterade bibliotek som normalt inte medfljer operativsystemet. Sdana "begrnsningar innebr att du inte kan anvnda de patenterade biblioteken "samtidigt med Biblioteket i en krbar fil som du distribuerar."

You may place library facilities that are a work based on the Library side-"by-side in a single library together with other library facilities not "covered by this License, and distribute such a combined library, provided "that the separate distribution of the work based on the Library and of the "other library facilities is otherwise permitted, and provided that you do "these two things:"

Du kan placera biblioteksfunktioner som r ett verk baserat p Biblioteket "sida vid sida i ett enskilt bibliotek tillsammans med andra "biblioteksfunktioner som inte teks av Licensen, och distribuera ett sdant "kombinerat bibliotek under frutsttning att separat distribution av verket "baserat p Biblioteket och av de andra biblioteksmodulerna r tilltet, samt "under frutsttning att du gr ngot av fljande:"
"Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above."

"Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work."

"You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance."

"You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance."

"You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance."

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"royalty-free redistribution of the Library by all those who receive copies " 
"directly or indirectly through you, then the only way you could satisfy both " 
"it and this License would be to refrain entirely from distribution of the " 
"Library."

msgstr ""
"Om, till fljd av ett domstolsutslag eller anklagelse om patentintrng eller " 
"av ngot annat skl (ej begrensat till patentfrgor), villkor lggs dig " 
"(antingen genom domstolsbeslut, avtal eller p annat stt) som strider mot " 
"den hr Licensen, befriar det dig inte frn ngot av villkoren i Licensen. " 
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"distribuera Biblioteket. Om exempelvis ett patent inte tillter fri " 
"distribution av Biblioteket till alla dem som mottar kopior direkt eller " 
"indirekt frn dig, mste du avst helt frn distribution av Biblioteket."

#: C/index.docbook:637(sect2/para)
msgid ""
msgstr ""
"If any portion of this section is held invalid or unenforceable under any " 
"particular circumstance, the balance of the section is intended to apply, " 
"and the section as a whole is intended to apply in other circumstances." 

msgid ""
msgstr ""
"Om ngon del av denna paragraf frklaras ogiltig eller ej verkstllbar i " 
"interopRequire sammanhang skall terstoden av paragrafen glla och paragrafen i sin " 
"helhet gller i andra sammanhang."

#: C/index.docbook:643(sect2/para)
msgid ""
msgstr ""
"It is not the purpose of this section to induce you to infringe any patents " 
"or other property right claims or to contest validity of any such claims; " 
"this section has the sole purpose of protecting the integrity of the free " 
"software distribution system which is implemented by public license " 
"practices. Many people have made generous contributions to the wide range of " 
"software distributed through that system in reliance on consistent " 
"application of that system; it is up to the author/donor to decide if he or " 
"she is willing to distribute software through any other system and a " 
"licensee cannot impose that choice."

msgid ""
msgstr ""
"Syftet med denna paragraf r inte att frm dig att beg intrng i patent " 
"eller andra rttigheter eller att frm dig att bestrida giltigheten i " 
"sdana rttigheter. Det enda syftet med denna paragraf r att skydda " 
"distributionssystemet fr fri programvara vilket grs genom anvndandet av " 
"dessa licensvillkor. Mnga mmniskor har lmnat generalsa bidrag till det " 
"stora utbudet av programvara som distribueras i det hr systemet och stter " 
"sin tillit till en fortsatt anvndning av systemet. Det r upphovsmannen " 
"sjlv som beslutar om han/hon vill distribuera programvara genom detta eller "

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"annat system och en licensinnehavare kan inte framtvinga ett sådant beslut."

#: C/index.docbook:656(sect2/para)
msgid ""
msgstr "This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."
msgstr ""
"Denna paragrafs syfte r att gra helt klart vad som anses vara konsekvensen"
"av terstende delen av Licensen."

#: C/index.docbook:663(sect2/title)
msgid "Section 12"
msgstr "Paragraf 12"

#: C/index.docbook:665(sect2/para)
msgid ""
msgstr ""
"If the distribution and/or use of the Library is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Library under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded."
"In such case, this License incorporates the limitation as if written in the "
"body of this License."
msgstr ""
"Om distributionen och/eller anvndningen av Biblioteket r begrnsad i vissa "
"Inder, p grund av patent eller upphovsrttsligt skyddade grnssnitt, kan "
"upphovsmannen som placerar Biblioteket under den hr Licensen lgga till en "
"uttrycklig geografisk spridningsklausul, enligt vilken distribution r "
"tillten i inder frutom dem i vilket det r frbudet. Om s r fallet "
"kommer begrnsningen att utgra en fullvrdig del av Licensen."

#: C/index.docbook:677(sect2/title)
msgid "Section 13"
msgstr "Paragraf 13"

#: C/index.docbook:679(sect2/para)
msgid ""
msgstr ""
"The Free Software Foundation may publish revised and/or new versions of the "
"Lesser General Public License from time to time. Such new versions will be "
"similar in spirit to the present version, but may differ in detail to "
"address new problems or concerns."
msgstr ""
"Free Software Foundation kan ge ut reviderade och/eller nya versioner av "
"LGPL fnn tid till annan. Sdana nya versioner kommer i sin helhet att "
"minna om nuvarande version, men kan skilja sig i detaljer som berr nya "
"problem eller vrganden."

#: C/index.docbook:686(sect2/para)
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NO WARRANTY

INGEN GARANTI

Section 15

Paragraf 15
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# translation of desktop-gpl.HEAD.po to Arabic
# Khaled Hosny <khaledhosny@eglug.org>, 2007.
msgid ""
msgstr ""
"Project-Id-Version: desktop-gpl.HEAD\n"
"POT-Creation-Date: 2007-03-16 03:20+0000\n"
"PO-Revision-Date: 2007-03-16 16:26+0200\n"
"Last-Translator: Khaled Hosny <khaledhosny@eglug.org>\n"
"Language-Team: Arabic <doc@arabeyes.org>\n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=UTF-8\n"
"Content-Transfer-Encoding: 8bit\n"
"X-Generator: KBabel 1.11.4\n"
"Plural-Forms: nplurals=4; plural=n==1 ? 0 : n==2 ? 1 : n>=3 && "n<10 ? 2 ; 3\n"

#: C/gpl.xml:17(title)
msgid "GNU General Public License"
msgstr "" 

#: C/gpl.xml:19(year)
msgid "2000"
msgstr "2000"

#: C/gpl.xml:20(holder)
msgid "Free Software Foundation, Inc."
msgstr "Free Software Foundation, Inc."

#: C/gpl.xml:24(surname)
msgid "Free Software Foundation"
msgstr " "

#: C/gpl.xml:28(publishername)
msgid "GNOME Documentation Project"
msgstr " "

#: C/gpl.xml:33(revnumber)
msgid "2"
msgstr "2"

#: C/gpl.xml:34(date)
msgid "1991-06"
msgstr "1991-06"

#: C/gpl.xml:39(para)
msgid "<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth Floor</street>,
<city>Boston</city>, <state>MA</state><postcode>02110-
1301</postcode><country>USA </country></address>."
msgstr "<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth Floor</street>,

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"Version 2, June 1991"

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Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding
source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

msgstr ""

#: C/gpl.xml:287(para)
msgid "Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)"
msgstr ""

#: C/gpl.xml:263(para)
msgid "You may copy and distribute the Program (or a work based on it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">Sections 2</link> above provided that you also do one of the following: <placeholder-1/>
msgstr "(     <link linkend="sect2"> </link>)     object form     <link linkend="sect2">1</link>  <link linkend="sect2">2</link>      :<placeholder-1/>"

#: C/gpl.xml:297(para)
msgid "The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable."
msgstr "          .                       scripts      . compilation  installation.               (    )     (   ...)          ."

#: C/gpl.xml:307(para)
msgid "If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code."
msgstr ""

#: C/gpl.xml:316(title)
msgid "Section 4"
msgstr " 4"

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msgstr ""
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Section 8

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must make sure that they, too, receive or can get the source code. If you"
link other code with the library, you must provide complete object files to"
the recipients, so that they can relink them with the library after making"
changes to the library and recompiling it. And you must show them these"
terms so they know their rights.

msgstr ""

"We protect your rights with a two-step method: (1) we copyright the library, "
"and (2) we offer you this license, which gives you legal permission to copy, "
distribute and/or modify the library."

msgstr ""
"(1) (2)"

"To protect each distributor, we want to make it very clear that there is no"
"warranty for the free library. Also, if the library is modified by someone "
"else and passed on, the recipients should know that what they have is not "
"the original version, so that the original author's reputation will not be "
"affected by problems that might be introduced by others."

msgstr ""

"Finally, software patents pose a constant threat to the existence of any "
"free program. We wish to make sure that a company cannot effectively "
"restrict the users of a free program by obtaining a restrictive license from "
"a patent holder. Therefore, we insist that any patent license obtained for a "
"version of the library must be consistent with the full freedom of use "
"specified in this license."

msgstr ""

"Open Source Used In Data Center Network Manager 11 11.5(4) 6766"
"Most GNU software, including some libraries, is covered by the ordinary GNU "
"General Public License. This license, the GNU Lesser General Public License, "
"applies to certain designated libraries, and is quite different from the "
"ordinary General Public License. We use this license for certain libraries "
"in order to permit linking those libraries into non-free programs."

msgid ""
" GNU GNU "
"GNU GNU "
"

#: C/lgpl.xml:148(para)
msgid ""
" When a program is linked with a library, whether statically or using a "
"shared library, the combination of the two is legally speaking a combined "
"work, a derivative of the original library. The ordinary General Public "
"License therefore permits such linking only if the entire combination fits "
"its criteria of freedom. The Lesser General Public License permits more lax "
"criteria for linking other code with the library."

msgid ""
"

#: C/lgpl.xml:158(para)
msgid ""
" We call this license the <quote>Lesser</quote> General Public License "
"because it does Less to protect the user's freedom than the ordinary General "
"Public License. It also provides other free software developers Less of an "
"advantage over competing non-free programs. These disadvantages are the "
"reason we use the ordinary General Public License for many libraries. "
"However, the Lesser license provides advantages in certain special "
"circumstances."

msgid ""
"<quote>(Lesser)</quote>"

msgid ""
"

#: C/lgpl.xml:168(para)
msgid ""
" For example, on rare occasions, there may be a special need to encourage the "
"widest possible use of a certain library, so that it becomes a de-facto "
"standard. To achieve this, non-free programs must be allowed to use the "
"library. A more frequent case is that a free library does the same job as "
"widely used non-free libraries. In this case, there is little to gain by "
"limiting the free library to free software only, so we use the Lesser "
"General Public License."

msgid ""

msgstr ""

"In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system."

msgid ""

msgstr ""

"GNU C GNU"

"GNU/Linux "

"Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library."

msgid ""

msgstr ""

"The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a work based on the library and a work that uses the library. The former contains code derived from the library, whereas the latter must be combined with the library in order to run."

msgid ""

msgstr ""

"<quote>

</quote>""
This License Agreement applies to any software library or other program
which contains a notice placed by the copyright holder or other authorized
party saying it may be distributed under the terms of this Lesser General
Public License (also called "this License"). Each licensee is
addressed as "you".

A "library" means a collection of software functions and/or
data prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or
work which has been distributed under these terms. A "work based on"
the Library means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a portion of
it, either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is
included without limitation in the term "modification".)

Source code for a work means the preferred form of the work
for making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation and
installation of the library.
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

The modified work must itself be a software library.

The modified work must itself be a software library.

The modified work must itself be a software library.
You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part.
"regardless of who wrote it."
msgstr ""
==
==
==
==
==
==

#: C/lgpl.xml:332(para)
msgid ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Library."
msgstr ""
==
==

#: C/lgpl.xml:339(para)
msgid ""
"In addition, mere aggregation of another work not based on the Library with "
"the Library (or with a work based on the Library) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."
msgstr ""
"()"
==

#: C/lgpl.xml:274(para)
msgid ""
"You may modify your copy or copies of the Library or any portion of it, thus "
"forming a work based on the Library, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</" 
"link> above, provided that you also meet all of these conditions:"
"<placeholder-1/>"
msgstr ""
"<link 
"linkend="sect1"> 1 </link>"
"<placeholder-1/>"

#: C/lgpl.xml:352(title)
msgid "Section 3"
msgstr " 3 "

#: C/gpl.xml:354(para)
msgid ""
"You may opt to apply the terms of the ordinary GNU General Public License "
"instead of this License to a given copy of the Library. To do this, you must "

---

Open Source Used In Data Center Network Manager 11 11.5(4) 6772
"alter all the notices that refer to this License, so that they refer to the "
"ordinary GNU General Public License, version 2, instead of to this License. "
"(If a newer version than version 2 of the ordinary GNU General Public "
"License has appeared, then you can specify that version instead if you "
"wish.) Do not make any other change in these notices."

msgstr ""
" GNU "
" 2 (" 
" 2 
")"

#: C/lgpl.xml:365(para)
msgid ""
"Once this change is made in a given copy, it is irreversible for that copy, "
"so the ordinary GNU General Public License applies to all subsequent copies "
"and derivative works made from that copy."

msgstr ""
" GNU "
"

#: C/lgpl.xml:371(para)
msgid ""
"This option is useful when you wish to copy part of the code of the Library "
"into a program that is not a library."

msgstr ""

#: C/lgpl.xml:378(title)
msgid "Section 4"

msgstr " 4 "

#: C/lgpl.xml:380(para)
msgid ""
"You may copy and distribute the Library (or a portion or derivative of it, "
"under <link linkend="sect2">Section 2</link>) in object code or "
"executable form under the terms of Sections <link linkend="sect1">1</link> "
"and <link linkend="sect2">2</link> above provided that you accompany it "
"with the complete corresponding machine-readable source code, which must be "
"distributed under the terms of Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above on a medium customarily used for "
"software interchange."

msgstr ""
"<link linkend="sect2">1</link><link linkend="sect2">2</link>" 1 </link> <link linkend="sect2">2</link>
"link><link linkend="" 
"\"sect2\""> 2 </link>(" 
"<link linkend="\"sect2\""> 1 </link> <link "
"linkend="\"sect2\""> 2 </link>)" 

#: C/lgpl.xml:392(para)
"If distribution of object code is made by offering access to copy from a "
"designated place, then offering equivalent access to copy the source code "
"from the same place satisfies the requirement to distribute the source code, "
"even though third parties are not compelled to copy the source along with "
"the object code."

msgid ""
msgstr ""
"

#: C/lgpl.xml:403(title)
msgid "Section 5"
msgstr " 5 
"

#: C/lgpl.xml:405(para)
msgid ""
msgstr ""

"A program that contains no derivative of any portion of the Library, but is "
"designed to work with the Library by being compiled or linked with it, is "
"called a <quote>work that uses the Library</quote>. Such a work, in "
"isolation, is not a derivative work of the Library, and therefore falls "
"outside the scope of this License."
msgstr ""
"
"<quote></quote>"
"

#: C/lgpl.xml:413(para)
msgid ""
msgstr ""

"However, linking a <quote>work that uses the Library</quote> with the "
"Library creates an executable that is a derivative of the Library (because "
"it contains portions of the Library), rather than a <quote>work that uses "
"the library</quote>. The executable is therefore covered by this License. "
"<link linkend="sect6">Section 6</link> states terms for distribution of "
"such executables."
msgstr ""
"<quote></quote>("
")<quote></quote>"
"<link linkend="sect6"> 6 </link>"
"

#: C/lgpl.xml:422(para)
msgid ""
msgstr ""

"When a <quote>work that uses the Library</quote> uses material from a header "
"file that is part of the Library, the object code for the work may be a "
"derivative work of the Library even though the source code is not. Whether "
"this is true is especially significant if the work can be linked without the "
"Library, or if the work is itself a library. The threshold for this to be "
"
"true is not precisely defined by law."

"If such an object file uses only numerical parameters, data structure "
"layouts and accessors, and small macros and small inline functions (ten "
"lines or less in length), then the use of the object file is unrestricted, "
"regardless of whether it is legally a derivative work. (Executables "
"containing this object code plus portions of the Library will still fall "
"under <link linkend="sect6">Section 6</link>.)"

"Otherwise, if the work is a derivative of the Library, you may distribute "
"the object code for the work under the terms of <link linkend="sect6" "
"">Section 6</link>. Any executables containing that work also fall under "
"<link linkend="sect6">Section 6</link>, whether or not they are linked "
"directly with the Library itself."

"As an exception to the Sections above, you may also combine or link a "
"<quote>work that uses the Library</quote> with the Library to produce a work "
"containing portions of the Library, and distribute that work under terms of "
"your choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications."

"Accompany the work with the complete corresponding machine-readable source "
"code for the Library including whatever changes were used in the work (which "
"must be distributed under Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above); and, if the work is an executable "
"linked with the Library, with the complete machine-readable <quote>work that "
"uses the Library</quote>, as object code and/or source code, so that the "
"user can modify the Library and then relink to produce a modified executable "
"containing the modified Library. (It is understood that the user who changes "
"the contents of definitions files in the Library will not necessarily be "
"able to recompile the application to use the modified definitions.)"  
msgstr ""

#: C/lgpl.xml:489(para)
msgid ""
"Use a suitable shared library mechanism for linking with the Library. A "
"suitable mechanism is one that (1) uses at run time a copy of the library "
"already present on the user's computer system, rather than copying library "
"functions into the executable, and (2) will operate properly with a modified "
"version of the library, if the user installs one, as long as the modified "
"version is interface-compatible with the version that the work was made with."  
msgstr ""

#: C/lgpl.xml:500(para)
msgid ""
"Accompany the work with a written offer, valid for at least three years, to "
"give the same user the materials specified in <link linkend="sect6a" 
"&gt;Subsection 6a</link> , above, for a charge no more than the cost of "
"performing this distribution."  
msgstr ""

#: C/gpl.xml:509(para)
msgid ""
"If distribution of the work is made by offering access to copy from a "
"designated place, offer equivalent access to copy the above specified "
"materials from the same place."  
msgstr ""

#: C/gpl.xml:516(para)
msgid ""
"Verify that the user has already received a copy of these materials or that "
"you have already sent this user a copy."  
msgstr ""

#: C/gpl.xml:462(para)
msgid ""
"You must give prominent notice with each copy of the work that the Library "
"is used in it and that the Library and its use are covered by this License. "
"You must supply a copy of this License. If the work during execution "
"displays copyright notices, you must include the copyright notice for the "
"Library among them, as well as a reference directing the user to the copy of "
"this License. Also, you must do one of these things: <placeholder-1/>"
msgstr ""

#: C/gpl.xml:524(para)
msgid ""
"For an executable, the required form of the <quote>work that uses the "
"Library</quote> must include any data and utility programs needed for "
"reproducing the executable from it. However, as a special exception, the "
"materials to be distributed need not include anything that is normally "
"distributed (in either source or binary form) with the major components "
"(compiler, kernel, and so on) of the operating system on which the "
"executable runs, unless that component itself accompanies the executable."
msgstr ""

#: C/gpl.xml:535(para)
msgid ""
"It may happen that this requirement contradicts the license restrictions of "
"other proprietary libraries that do not normally accompany the operating "
"system. Such a contradiction means you cannot use both them and the Library "
"together in an executable that you distribute."
msgstr ""

#: C/gpl.xml:546(title)
msgid "Section 7"
msgstr " 7 "

#: C/gpl.xml:548(para)
msgid ""
"You may place library facilities that are a work based on the Library side-"
"by-side in a single library together with other library facilities not "
"covered by this License, and distribute such a combined library, provided "
"that the separate distribution of the work based on the Library and of the "
"other library facilities is otherwise permitted, and provided that you do "
"these two things:"
msgstr ""

#: C/gpl.xml:559(para)
msgid ""
"Accompany the combined library with a copy of the same work based on the "
"Library, uncombined with any other library facilities. This must be "
"distributed under the terms of the Sections above."
msgstr ""

#: C/gpl.xml:567(para)
msgid ""
"Give prominent notice with the combined library of the fact that part of it "
"is a work based on the Library, and explaining where to find the "
"accompanying uncombined form of the same work."
msgstr ""

#: C/gpl.xml:577(title)
msgid "Section 8"
msgstr " 8 "

#: C/gpl.xml:579(para)
msgid ""
"You may not copy, modify, sublicense, link with, or distribute the Library
"except as expressly provided under this License. Any attempt otherwise to
"copy, modify, sublicense, link with, or distribute the Library is void, and
"will automatically terminate your rights under this License. However,
"parties who have received copies, or rights, from you under this License
"will not have their licenses terminated so long as such parties remain in
"full compliance."
msgstr ""

#: C/gpl.xml:591(title)
msgid "Section 9"
msgstr " 9 "

#: C/gpl.xml:593(para)
msgid ""
"You are not required to accept this License, since you have not signed it.
"However, nothing else grants you permission to modify or distribute the
"Library or its derivative works. These actions are prohibited by law if you
"do not accept this License. Therefore, by modifying or distributing the
"Library (or any work based on the Library), you indicate your acceptance of
"this License to do so, and all its terms and conditions for copying,
"distributing or modifying the Library or works based on it."
msgstr ""

#: C/gpl.xml:606(title)
msgid "Section 10"
msgstr " 10 "

#: C/gpl.xml:608(para)
msgid ""
"Each time you redistribute the Library (or any work based on the Library),
"the recipient automatically receives a license from the original licensor to
"copy, distribute, link with or modify the Library subject to these terms and
"conditions. You may not impose any further restrictions on the recipients'
"exercise of the rights granted herein. You are not responsible for enforcing
"compliance by third parties with this License."
msgstr ""

#: C/gpl.xml:620(title)
Section 11

If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

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"Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "<quote>any later version</quote>, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation."

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Yinghua Wang <wantinghard@gmail.com> 2010
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Projet de documentation GNOME

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Nous protégeons vos droits en deux étapes:

1. Nous sommes titulaires des droits d'auteur du logiciel, et
2. Nous vous délivrons cette licence, qui vous donne l'autorisation légale de copier, distribuer et/ou modifier le logiciel.

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  <listitem>
    Vous devez munir les fichiers modifiés d'avis bien visibles stipulant que vous avez modifié ces fichiers, ainsi que la date de chaque modification;</listitem>
  <listitem>
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  <listitem>
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    Exception: </note>
  </listitem>
</orderedlist>
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- L'accompagner de l'intégralité du code source correspondant, sous une forme lisible par un ordinateur, lequel doit être distribué au titre des termes des Articles 1 et 2 ci-dessus, sur un support habituellement utilisé pour l'échange de logiciels; ou,
- L'accompagner d'une proposition écrite, valable pendant au moins trois ans, de fournir à tout tiers, un tarif qui ne soit pas supérieur à ce que vous cotez l'acte physique de réaliser une distribution source, une copie intégrale du code source correspondant sous une forme lisible par un ordinateur, qui sera distribuée au titre des termes des Articles 1 et 2 ci-dessus, sur un support habituellement utilisé pour l'échange de logiciels; ou,
- L'accompagner des informations reçues par vous concernant la proposition de distribution du code source correspondant. (Cette solution n'est autorisée que dans le cas d'une distribution non-commerciale et seulement si vous avez reçu le programme sous forme de code objet ou d'exécutable accompagné d'une telle proposition - en conformité avec le sous-Article b ci-dessus.)
Le code source d'un ouvrage désigne la forme favorite pour travailler des modifications de cet ouvrage. Pour un ouvrage exécutable, le code source integral désigne la totalité du code source de la totalité des modules qu'il contient, ainsi que les ventuels fichiers de définition des interfaces qui y sont associés, ainsi que les scripts utilisés pour contrôler la compilation et l'installation de l'exécutable. Cependant, par exception spéciale, le code source distribué n'est pas censé inclure quoi que ce soit de normalement distribué (que ce soit sous forme source ou binaire) avec les composants principaux (compilateur, noyau, et autre) du système d'exploitation sur lequel l'exécutable tourne, moins que ce composant lui-même n'accompagne l'exécutable.

Si distribuer un exécutable ou un code objet consiste offrir un accès permettant leur copie depuis un endroit particulier, alors l'offre d'un accès équivalent pour copier le code source depuis le même endroit compte comme une distribution du code source - même si les tiers ne sont pas contraints de copier le source en même temps que le code objet.

Vous ne pouvez copier, modifier, concéder en sous-licence, ou distribuer le Programme, sauf tel qu'expressément prévu par la présente Licence. Toute tentative de copier, modifier, concéder en sous-licence, ou distribuer le Programme d'une autre manière est réputée non valable, et met immédiatement fin vos droits au titre de la présente Licence. Toutefois, les tiers ayant reçu de vous des copies, ou des droits, au titre de la présente Licence ne verront pas leurs autorisations réduites aussi longtemps que ledits tiers se conforment pleinement elle.

Vous n'êtes pas obligé d'accepter la présente Licence tant que vous ne l'avez pas signé. Cependant, rien d'autre ne vous accorde l'autorisation de modifier ou distribuer le Programme ou les ouvrages fondés sur lui. Ces actions sont interdites par la loi si vous n'acceptez pas la présente Licence. En conséquence, en modifiant ou distribuant le Programme (ou un ouvrage quelconque fondé sur le Programme), vous signifiez votre acceptation de la présente Licence en le faisant, et de toutes ses conditions concernant la copie, la distribution ou la modification du Programme ou d'ouvrages fondés sur lui.

Chaque fois que vous redistribuez le Programme (ou n'importez quel ouvrage fondé sur le Programme), une licence est automatiquement concédée au destinataire par le concédant originel de la licence, l'autorisant copier, distribuer ou modifier le Programme, sous réserve des présentes conditions. Vous ne pouvez imposer une quelconque limitation supplémentaire l'exercice des droits octroyés au titre des présentes par le destinataire. Vous n'avez pas la responsabilité d'imposer le respect de la présente Licence des tiers.
Si, conséquemment une décision de justice ou une allégation d'une transgression de brevet ou pour toute autre raison (non limite un problème de brevet), des obligations vous sont imposées (que ce soit par jugement, conciliation ou autre) qui contredisent les conditions de la présente Licence, elles ne vous excusent pas des conditions de la présente Licence. Si vous ne pouvez distribuer de manière satisfaire simultanément vos obligations au titre de la présente Licence et toute autre obligation pertinente, alors il en découle que vous ne pouvez pas du tout distribuer le Programme. Par exemple, si une licence de brevet ne permettait pas une redistribution sans redevance du Programme par tous ceux qui reçoivent une copie directement ou indirectement par votre intermédiaire, alors la seule façon pour vous de satisfaire la fois la licence du brevet et la présente Licence serait de vous abstenir totalement de toute distribution du Programme.

Si une partie quelconque de cet article est tenue pour nulle ou inopposable dans une circonstance particulière quelconque, l'intention est que le reste de l'article s'applique. La totalité de la section s'appliquera dans toutes les autres circonstances.

Cet article n'a pas pour but de vous induire à transgresser un quelconque brevet ou d'autres revendications un droit de propriété ou contester la validité de la moindre de ces revendications; cet article a pour seul objectif de protéger l'intégrité du système de distribution du logiciel libre, qui est mis en œuvre par la pratique des licences publiques. De nombreuses personnes ont fait de généreuses contributions au large spectre de logiciels distribués par ce système en se fiant l'application cohérente de ce système; il appartient chaque auteur/donateur de décider si il ou elle veut distribuer du logiciel par l'intermédiaire d'un quelconque autre système et un concessionnaire ne peut imposer ce choix.

Cet article a pour but de rendre totalement limpide ce que l'on pense être une conséquence du reste de la présente Licence.

Si la distribution et/ou l'utilisation du Programme est limitée dans certains pays que ce soit par des brevets ou par des interfaces soumises au droit d'auteur, le titulaire originel des droits d'auteur qui décide de couvrir le Programme par la présente Licence peut ajouter une limitation géographique de distribution explicite qui exclue ces pays afin que la distribution soit permise seulement dans ou entre les pays qui ne sont pas ainsi exclus. Dans ce cas, la présente Licence incorpore la limitation comme si elle tait crée dans le corps de la présente Licence.

La Free Software Foundation peut, de temps en temps, publier des versions révisées et/ou nouvelles de la Licence Publique Générale. De telles nouvelles versions seront similaires à la présente version dans l'esprit mais pourront différer dans le détail pour prendre en compte de nouvelles problématiques ou inquiétudes.

Chaque version possède un numéro de version la distinguant. Si le Programme précise le numéro de version de la présente Licence qui s'y applique et une version ultérieure quelconque, vous avez le choix de suivre les conditions de la présente version ou de toute autre version ultérieure publie par la Free Software Foundation. Si le Programme ne spécifie aucun numéro de version de la présente Licence, vous pouvez choisir une version quelconque publie par la Free Software Foundation quelque moment que ce soit.
Si vous souhaitez incorporer des parties du Programme dans d'autres programmes libres dont les conditions de distribution sont différentes, crivez l'auteur pour lui en demander l'autorisation. Pour les logiciels dont la Free Software Foundation est titulaire des droits d'auteur, crivez la Free Software Foundation; nous faisons parfois des exceptions dans ce sens. Notre décision sera guide par le double objectif de préserver le statut libre de tous les drrs de nos logiciels libres et de promouvoir le partage et la rutilisation des logiciels en général.

COMME LA LICENCE DU PROGRAMME EST CONCDE TITRE GRATUIT, AUCUNE GARANTIE NE S'APPLIQUE AU PROGRAMME, DANS LES LIMITES AUTORISES PAR LA LOI APPLICABLE. SAUF MENTION CONTRAIRE CRITE, LES TITULAIRES DU DROIT D'AUTEUR ET/OU LES AUTRES PARTIES FOURNISSENT LE PROGRAMME <quote>TELQUEL</quote>. SANS AUCUNE GARANTIE DE QUELQUE NATURE QUE CE SOIT, EXPRESS OU IMPLICITE, Y COMPRIS, MAIS SANS Y TRE LIMIT, LES GARANTIES IMPLICITES DE MARCHANDABILIT ET D'ADQUATION UN OBJECTIF PARTICULIER. VOUS ASSUMEZ LA TOTALIT DES RISQUES LIS LA QUALIT ET AUX PERFORMANCES DU PROGRAMME. SI LE PROGRAMME SE RVAIT DEFECTUEUX, LE COT DE L'ENTRETIEN, DES RPARATIONS OU DES CORRECTIONS NCESSAIRES VOUS INCOMBENT INTGRALEMENT.

EN AUCUN CAS, SAUF LORSQUE LA LOI APPLICABLE OU UNE CONVENTION CRITE L'EXIGE, UN TITULAIRE DE DROIT D'AUTEUR QUEL QU'IL SOIT, OU TOUTE PARTIE QUI POURRAIT MODIFIER ET/OU REDISTRIBUER LE PROGRAMME COMME PERMIS CI-DESSUS, NE POURRAIT TRE TENU POUR RESPONSABLE VOTRE GARDE DES DOMMAGES, INCLUANT LES DOMMAGES GNRIQUES, SPICIFS, SECONDAIRES OU CONSUTIFS, RSULTANT DE L'UTILISATION OU DE L'INCAPACIT D'UTILISER LE PROGRAMME (Y COMPRIS, MAIS SANS Y TRE LIMIT, LA PERT DE DONNE, OU LE FAIT QUE DES DONNE SOIENT RNDUES IMPRICES, OU LES PERTES PROUVE PAR VOUS OU PAR DES TIERS, OU LE FAIT QUE LE PROGRAMME CHOUE INTROPRER AVEC UN AUTRE PROGRAMME QUEL QU'IL SOIT) MME SI LE DIT TITULAIRE DU DROIT D'AUTEUR OU LE PARTI CONCERN A T AVERTI DE L'EVENTUALIT DE TELS DOMMAGES.
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users.

Licence pogodbe veine programske opreme so zasnovane tako, da vam prepreujejo njegovo svobodno razirjanje in spreminjanje. Za razliko od teh pa vam Splona dovoljenja GNU (angl. GNU General Public Licenses, GPL) jamijo svobodo pri razirjanju in spreminjanju proste programske opreme ter s tem zagotovljajo, da ostane ta prosta za vse njene uporabnike.
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.
pravice, ki jih imate sami. Prepriati se morate, da bodo tudi oni prejeli ali imeli dostop do izvorne kode. e s knjino povezujete drugo kodo, morate prejemnikom ponuditi popolne objektne datoteke, tako da jih lahko potem, ko knjino spremenijo, vnovi povejjo s knjino in prevedejo. In morate jim pokazati te pogoje (pravzaprav izvirk, opomba prevajalca), da bodo poznali svoje pravice."

#: C/index.docbook:115(sect1/para)
msgid "We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library."
msgstr "Vae pravice itimo v dveh potezah: (1) avtorsko zaitimo knjino in (2) vam ponujamo to dovoljenje, ki vam daje pravno dovoljenje za razmnoevanje, razirjanje in/ali spreminjanje knjinoce."

#: C/index.docbook:121(sect1/para)
msgid "To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others."
msgstr "Prav tako, za zaito vsakega avtorja in zaradi nae zaite elim zogotoviti, da vsakdo razume, da za to prosto programsko opremo ni nobenega jamstva. e je programsko opremo spremenil nekdo drug in ga posredoval naprej, elim, da njegozi prejemniki vedo, da to, kar imajo, ni izvirk, zato da se problemi, ki jih povzroijo drugi, ne bodo odraali na ugledu izvornega avtorja. Zaradi zaite vsakega razirjevalca elim zogotoviti, da vsakdo razume, da za to prosto knjinoce ni nikakrnega jamstva. e je knjinoce spremenili nekdo drug in jo posredoval naprej, elim, da njeni prejemniki vedo, da to, kar imajo, ni izvirk, da problemi, ki jih povzroijo drugi, ne bodo kvarili ugleda izvornega avtorja."

#: C/index.docbook:130(sect1/para)
msgid "Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license."
msgstr "Konno, vsak prost program neneno ogroajo programski patenti. elim se izogniti nevarnosti, da bi podjetja umikovito omejevala uporabnike progtega programa s pridobivanjem omejujoih licenc od lastnikov patentov. Za prepreitev tega jasno zahtevamo, da mora biti vsak patent za katerokoli izpeljano razliico knjinoce licenciran tako, da je popolnoma konsistenten s popolno svobodo rabe, kot jo doloa to dovoljenje."

#: C/index.docbook:139(sect1/para)
msgid "Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs."
msgstr "Veino programja GNU, vkljuno z nekaterimi knjinocemi, pokriva navadno Splono dovoljenje GNU. To dovoljenje, Manj splono dovoljenje GNU, se nanaa na doloene posebne knjinoce, in se precej razlikuje od navadnega Splonega dovoljenja. To dovoljenje uporabljamo za tiste knjinoce, za katere elim omogoiti tudi povezovanje v neprote programe."

#: C/index.docbook:148(sect1/para)
msgid "When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public
License permits more lax criteria for linking other code with the library."

msgstr "Ko se program povee s knjinico, najsiho statino ali pa s pomojo deljene knjinice, je kombinacija obojega
skupaj, pravno gledano, zdrueno delo, izpelnjanka izvirne knjinice. Navadno Splono dovoljenje torej dovoljuje takno
povezovanje le, e celotna kombinacija zadoa prav tam doloenim kriterijem svobode. Manj splono dovoljenje
dovoljuje bolj ohlapne pogoje za povezovanje druge kode s knjinico."

#: C/index.docbook:158(sect1/para)
msgid "We call this license the <quote>Lesser</quote> General Public License because it does Less to protect the
user's freedom than the ordinary General Public License. It also provides other free software developers Less of an
advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General
Public License for many libraries. However, the Lesser license provides advantages in certain special
circumstances."

msgstr "Tem dovoljenju pravimo <quote>Manj</quote> splono dovoljenje, saj manj zavaruje svobodo uporabnika
kot pa navadno Splono dovoljenje. Drugim razvijalcem prostega programja tudi ponuja manj prednosti pred
konkurenkim neprostim programi. Te pomanjkljivosti so razlog, da smo za tevilne knjinice uporabili navadno
Splono dovoljenje. Vendar Manj splono dovoljenje v doloenih pogojih pomeni prednost."

#: C/index.docbook:168(sect1/para)
msgid "For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain
library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library.
A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is
little to gain by limiting the free library to free software only, so we use the Lesser General Public License."

msgstr "Denimo, da v redkih primerih obstaja posebna potreba spodbuditi kar najiro rabo doloene knjinice, da bi ta
postala de-facto standard. Da lahko to doseemo, mora biti neprostim programom dovoljeno uporabljati to knjinico.
Pogosteje se zgodi, da prost knjinica opravi enako delo kot iroko uporabljane neproste knjinice. V tem primeru
pridobimo le malo, e omejimo rabo prosne knjinice le na prosto programje, zato raje uporabimo Manj splono
dovoljenje."

#: C/index.docbook:178(sect1/para)
msgid "In other cases, permission to use a particular library in non-free programs enables a greater number of people
to use a large body of free software. For example, permission to use the GNU C Library in non-free programs
enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating
system."

msgstr "V drugih primerih dovoljenje rabe doloene knjinice v neprostih programih omogo vejemu tevilu ljudi, da
uporabljajo veji obseg prostega programja. Dovoljenje za uporabo knjinice GNU C v neprostih programih je,
derimo, omogoito mnogim ljudem, da so uporabljali popoln operacijski sistem GNU, kot tudi njegovo inaico,
operacijski sistem GNU/Linux."

#: C/index.docbook:187(sect1/para)
msgid "Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the
user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a
modified version of the Library."

msgstr "eprav Manj splono dovoljenje manj zaiti uporabnikovo svobodo, pa vendarle zagotavlja, da ima uporabnik
programa, ki je povezan s knjinico, proste roke pri poganjanju tega programa s spremenjeno razliico te knjinice."

#: C/index.docbook:194(sect1/para)
msgid "The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the
difference between a <quote>work based on the library</quote> and a <quote>work that uses the library</quote>."
The former contains code derived from the library, whereas the latter must be combined with the library in order to run."

msgid "Sledijo natanne doloitve in pogoji za razmnoevanje, razirjanje in spreminjanje. Pozorni bodite na razliko med <quote>delom, ki temelji na knjinici</quote> in <quote>delom, ki uporablja knjinico</quote>. Prvo vsebuje kodo, izpeljano iz knjinice, medtem, ko mora biti drugo kombinirano s knjinico, da lahko tee."

#: C/index.docbook:205(sect1/title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr "DOLOILA IN POGOJI ZA RAZMNOEVANJE, RAZIRJANJE IN SPREMINJANJE"

#: C/index.docbook:208(sect2/title)
msgid "Section 0"
msgstr "Razdelek 0"

#: C/index.docbook:209(sect2/para)
msgid "This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called <quote>this License</quote>). Each licensee is addressed as <quote>you</quote>."
msgstr "Ta licenca se nanaa na vsako programsko knjinico ali drug program, ki vsebuje obvestilo lastnika avtorskih pravic (angl. copyright holder) ali druge pooblaene osebe, z izjavo, da se lahko razirja pod pogoji Manj splonega dovoljenja GNU (angl. Lesser General Public License), imenovanega tudi <quote>ta licenca</quote>. Vsakega izdajatelja licence naslavljamo z <quote>vi</quote>.

#: C/index.docbook:217(sect2/para)
msgid "<quote>library</quote> means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables."
msgstr "<quote>Knjinica</quote> pomeni zbirko programskih funkcij in/ali podatkov, pripravljenih tako, da jih je mo prirono povezovati z uporabnimi programi (ki uporabljajo nekatere teh funkcij in podatkov), da s tem oblikujemo izvedljive datoteke.

#: C/index.docbook:223(sect2/para)
msgid "<quote>Libraiy</quote>, below, refers to any such software library or work which has been distributed under these terms. A <quote>work based on the Library</quote> means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term <quote>modification</quote>.)"
msgstr "<quote>Knjinica</quote> v nadaljevanju pomeni vsako takno programsko knjinico ali delo, ki se razirja pod temi pogoji. <quote>Delo, ki temelji na knjinici</quote> pomeni bodisi knjinico ali pa katerokoli izvedeno delo po zakonu o avtorski in sorodnih pravicah (angl. copyright law): se pravi delo, ki vsebuje knjinico ali njen del, bodisi dobosedno ali s spremembami in/ali prevedeno v drug jezik. (Tukaj in povsod v nadaljevanju je prevod vkljuen brez omejitve v pojem <quote>spremembe</quote>.)

#: C/index.docbook:233(sect2/para)
msgid "<quote>Source code</quote> for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library."
msgstr "<quote>Izvorna koda</quote> pri delih pomeni obliko dela, najprimernejo za izdelavo sprememb. Pri knjinici pomeni izvorna koda vso izvorno kodo za vse module, ki jih vsebuje, poleg tega pa e morebitne datoteke z
definicijami vmesnika, povezanega s tem delom, ter skripte za nadzor prevajanja in namestitev knjinice.”

#: C/index.docbook:241(sect2/para)
msgid "Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.”
msgstr "Dovoljenje ne pokriva nobenih drugih dejavnosti razen razmnoevanja, razirjanja in spreminjanja; ostale so izven njegovega dosega. Dejanje zagona programa z uporabo knjinice ni omejeno in odvodni zapis programa je zajet le, e njegova vsebina predstavlja delo, ki je izpeljano iz knjinice (ne glede na to, da je bila pri orodju za njegovo pisanje uporabljena knjinica). Ali je to res ali ne, je odvisno od tega, kaj knjinica dela in kaj dela program, ki knjinico uporablia.”

#: C/index.docbook:254(sect2/title)
msgid "Section 1"
msgstr "Razdelek 1"

#: C/index.docbook:255(sect2/para)
msgid "You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.”
msgstr "Dovoljeno je razmnoevati in razirjati dobesedne izvode izvorne kode programa v enaki obliki, kot jo dobite, preko kateregakoli nosilca, e je le na vsakem izvodu razlono in primerno objavljeno obvestilo o pravicah razirjanja in zanikanje jamstva; vsa obvestila, ki se nanaajo na to dovoljenje in odsotnost vsakrnega jamstva pustite nedotaknjena; in da prejmejo vse drugi prejemniki programa poleg programa e izvod tega dovoljenja. Razmnoujete in razirjate lahko dobesedne izvode izvorne kode knjinice v enaki obliki, kot jo dobite, preko kateregakoli medija, e le na vsakem izvodu razlono in primerno objavite obvestilo o pravicah razirjanja in zanikanju jamstva; vsa obvestila, ki se nanaajo na to dovoljenje in odsotnost vsakrnega jamstva pustite nedotaknjena; in da prejmejo vse drugi prejemniki programa poleg programa e izvod tega dovoljenja.”

#: C/index.docbook:265(sect2/para)
msgid "You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.”
msgstr "Za fizino dejanje prenosa kopije lahko zarauvinate in po vaì presoji lahko ponudite garancijsko zaito v zameno za plaito.”

#: C/index.docbook:273(sect2/title)
msgid "Section 2"
msgstr "Razdelek 2"

#: C/index.docbook:283(listitem/para)
msgid "The modified work must itself be a software library.”
msgstr "Spremenjeno delo mora biti programsk a knjinica.”

#: C/index.docbook:288(listitem/para)
msgid "You must cause the files modified to carry prominent notices stating that you changed the files and the date
of any change."
msgid " Zagotoviti je treba, da sprememjene datoteke nosijo vidna obvestila o tem, da so spremenjena, in datum vsake spremembe."

#: C/index.docbook:294(listitem/para)
msgid "You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License."
msgid " Zagotoviti morate, da je celotno delo brezplano licencirano tretjim osebom pod pogoji te licence."

#: C/index.docbook:300(listitem/para)
msgid "If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful."
msgid "e se funkcionalnost v spremenjeni knjizici sklicuje na funkcijo ali tabelo podatkov, ki jih priskrbi uporabni program, ki to funkcionalnost uporablja, na drug nacin kot argument ob klicu funkcionalnosti, morate v dobi veri poskrbeti, da tudi v primeru, ko program ne ponuja takoj funkcije ali tabele, funkcionalnost e vedno deluje, in izvaja katerikoli del svojega namena, ki e ostaja smiselna."

#: C/index.docbook:310(listitem/para)
msgid "(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)"
msgid "(Funkcija, ki v neki knjizici skrbi za izrazen kvadratnih korenov, ima namen, ki je popolnoma dobro definiran in neodvisen od programa. Podrazdelek 2.d. torej zahteva, da katerikoli funkcija ali tabela, ki jo glavni program ponuja tej funkciji, ni obvezna za pravilno delovanje funkcije za izrazen kvadratnih korenov.)"

#: C/index.docbook:319(listitem/para)
msgid "These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it."
msgid "Te zahtev te nanaajo na spremenjeno delo kot celoto. e razdelki tega dela, ki jih je mogoe prepoznati, niso izpeljani iz knjizice in jih je mogoe same po sebi utemeljeno obravnavati kot neodvisna in loena dela, potem to dovoljenje in njegova dolola za te razdelke ne velja, e jih razirjate kot loena dela. A e razirjate iste razdelke kot dele celote, ki je delo, ki temelji na knjizici, mora biti razirjanje celote izvedeno pod pogoji tega dovoljenja, katerega dovoljenja uporabe za druge uporabnike dovoljenja se razirijo na vso celoto, in torej na vsak njen del, ne glede na to, kdo ga je napisal."

#: C/index.docbook:332(listitem/para)
msgid "Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library."
msgid "Nameno tega razdelka torej ni, da bi zanikal ali spodbijal vae pravice do dela, ki ste ga v celoti napisali sami; namesto tega je namen razdelka raziriti pravico nadzora nad razirjanjem izpeljanih ali zdruenih del, ki temeljijo na
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

Poleg tega zgolj uvranje drugega dela, ki ne temelji na knjini, poleg knjinice (ali poleg dela, ki temelji na knjini), na enoti nosilca ali mediju za razirjanje, se dovoljenje na to drugo delo ne nanaa.

You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions: You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

This monost is useful, e elite prepisati del kode knjinice v program, ki ni knjinica.
You may copy and distribute the Library (or a portion or derivative of it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of Sections <link linkend="sect1">1</link> and <link linkend="sect2">2</link> above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections <link linkend="sect1">1</link> and <link linkend="sect2">2</link> above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a <quote>work that uses the Library</quote>. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a <quote>work that uses the Library</quote> with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a <quote>work that uses the library</quote>. The executable is therefore covered by this License. <link linkend="sect6">Section 6</link> states terms for distribution of such executables.

When a <quote>work that uses the Library</quote> uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a work that uses the Library with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)
uporablja knjinico</quote>, kot objektino kodo in/ali izvorno kodo, tako da lahko uporabnik spremeni knjinico in potem vnovi povee program, da izdela spremenjeno izvedljivo datotek, ki vsebuje spremenjeno knjinico. (Razume se, da uporabnik, ki spremeni vsebino definicijskih datotek v knjinici, morda ne bo mogel vnovi prevesti programa, da bi uporabil spremenjene definicije.) "

#: C/index.docbook:489(listitem/para)
msgid "Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with."
msgstr "Za povezovanje s knjinico uporabite primeren mehanizem deljenih knjinic. Primeren mehanizem (1) ob teku uporablja izvod programa, ki e obstaja v uporabnikovem raunalnikem sistemu, namesto, da bi prepisal knjinine funkcije v samo izvedljivo datotek, in (2) pravilno deluje s spremenjeno razliico knjinice, e jo uporabnik namesti, e je le vmesnik spremenjene razliice združljiv z razliico, za katero je bilo delo izdelano."

#: C/index.docbook:500(listitem/para)
msgid "Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in <link linkend="sect6a">Subsection 6a</link> , above, for a charge no more than the cost of performing this distribution."
msgstr "Opremite delo s pisno ponudbo, veljavno vsaj tri leta, ki ponuja istemu uporabniku gradiva, doloena v zgornjem <link linkend="sect6a">podrazdelku 6a</link>, proti plailu zneska, ki ne presega dejanskih strokov taknega razirjanja. "

#: C/index.docbook:509(listitem/para)
msgid "If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place."
msgstr "e se razirjanje dela izvede s ponujenim dostopom do izvoda z doloenega mesta, potem ponujanje ekvivalentnega dostopa za razmnoevanje zgoraj navedenih gradiv z istega mesta teje kot razirjanje izvorne kode."

#: C/index.docbook:516(listitem/para)
msgid "Verify that the user has already received a copy of these materials or that you have already sent this user a copy."
msgstr "Preverite, da je uporabnik e prejel izvod teh gradiv ali da ste temu uporabniku izvod e poslali."

#: C/index.docbook:462(sect2/para)
msgid "You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things: <_:orderedlist-1/>"
msgstr "Poleg vsakega izvoda dela morate dodati jasno obvestilo, da delo uporablja knjinico in da rabo knjinice doloa ta licenca. Oddati morate tudi izvod te licence. e delo med izvajanjem izpisuje pravice razirjanja, morate med njimi vkljuti tudi sporozo o pravicah razirjanja za knjinico, kot tudi sklic, ki usmerja uporabnika na izvod te licence. Narediti morate tudi eno od teh stvari: <_:orderedlist-1/>"

#: C/index.docbook:524(sect2/para)
msgid "For an executable, the required form of the <quote>work that uses the Library</quote> must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form)
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with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable."

msgstr "Pri izvedljivem delu mora zahtevana oblika <quote>dela, ki uporablja knjinico</quote> vključevati vse podatke in pomone programe, potrebne za ponovno izdelavo izvedljive datoteke iz nje. Vendar - kot posebna izjema - ni nujno, da razirjano gradivo vključuje vse, kar se navadno razirja (v izvorni ali strojni obliki) z vejimi komponentami (prevajalnik, jedro, itn.) operacijskega sistema, na katerem tee izvedljiva datoteka, razen e ta komponenta spremlja izvedljivo datoteko."

#: C/index.docbook:535(sect2/para)
msgid "It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute."
msgstr "Lahko se zgodi, da te zahteve nasprotujejo licennim omejitvam drugih lastnikih knjinic, ki navadno ne spremljajo operacijskega sistema. Takno nasprotovanje pomeni, da jih ne morete uporabljati hkrati s knjinico v izvedljivi datoteki, ki jo boste razirjali."

#: C/index.docbook:546(sect2/title)
msgid "Section 7"
msgstr "Razdelek 7"

#: C/index.docbook:548(sect2/para)
msgid "You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:" 
msgstr "Dele knjinice, ki so dela, temeljea na Knjinici, lahko uvrstite v skupno knjinico z drugimi deli knjinice, ki jih ta Licenca ne pokriva, ter razirjate takno kombinirano knjinico, e je sicer dovoljeno loeno razirjati Knjinico in druge dele knjinice, in e naredite naslednji stvari:"

#: C/index.docbook:559(listitem/para)
msgid "Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above."
msgstr "Kombinirano knjinico pospremite z izvodom istega dela, ki temelji na Knjinici, brez kakrnihkoli dodatnih delov knjinice. To se mora razirjati pod pogoji iz zgornjih razdelkov."

#: C/index.docbook:567(listitem/para)
msgid "Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work."
msgstr "Poleg kombinirane knjinice podajte vidno obvestilo, da deli knjinice temeljijo na Knjinici, in pojasnite, kje najti ustrezen nekombinirano obliko istega dela."

#: C/index.docbook:577(sect2/title)
msgid "Section 8"
msgstr "Razdelek 8"

#: C/index.docbook:579(sect2/para)
msgid "You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void,


and will automatically terminate your rights under this License. However, parties who have received copies, or
rights, from you under this License will not have their licenses terminated so long as such parties remain in full
compliance."

msgstr "Knjinice ni dovoljeno razmnoevati, spreminjati, podrejati dovoljenja, jo povezovati ali razirjati, e to ni
izrecno dovoljeno s priujoim dovoljenjem. Vsak sicernji poskus razmnoevanja, spreminjanja, podrejanja dovoljenja,
povezovanja ali razirjanja knjinice je nien in vam samodejno odvzame pravice, izhajajoe iz tega dovoljenja. Vendar
pa se osebam, ki so svoj izvod ali pravice dobile od vas pod tem dovoljenjem, dovoljenje ne prekine, dokler jo v
celoti spotujejo. "

#: C/index.docbook:591(sect2/title)
msgid "Section 9"
msgstr "Razdelek 9"

#: C/index.docbook:593(sect2/para)
msgid "You are not required to accept this License, since you have not signed it. However, nothing else grants you
permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do
not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you
indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or
modifying the Library or works based on it."

msgid "Ni vam treba sprejeti pogojev dovoljenja, saj ga niste podpisali. Vendar vam brez slednjega ni ne dovoljuje
spreminjanja ali razirjanja knjinice ali iz nje izpeljanih del. e ne sprejmete tega dovoljenja, so ta dejanja nezakonita.
Torej, s spremembo ali razirjanjem knjinice (ali kateregakoli dela, ki temelji na knjinici) pokaete svoje strinjanje s
tem dovoljenjem in z vsemi njegovimi dooloii in pogoji za razmnoevanje, razirjanje ali spreminjanje knjinice ali del,
ki temeljijo na njej."

#: C/index.docbook:606(sect2/title)
msgid "Section 10"
msgstr "Razdelek 10"

#: C/index.docbook:608(sect2/para)
msgid "Each time you redistribute the Library (or any work based on the Library), the recipient automatically
receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these
terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted
herein. You are not responsible for enforcing compliance by third parties with this License."

msgid "Vsaki, ko razirjate kajnico (ali katerokoli delo, ki temelji na knjinici), prejemnik samodejno prejme
dovoljenje izvornega izdajatelja dovoljenja (angl. original licensor) za razmnoevanje, razirjanje, povezovanje ali
spreminjanje knjinice glede na ta doloi in pogoje. Ni dovoljeno vsiljevati nobenih nadaljnjih omejitev izvajanja
prejemnikovih pravic, podeljenih tukaj. Niste odgovorni za vsiljevanje strinjanja tretjih oseb s tem dovoljenjem."

#: C/index.docbook:620(sect2/title)
msgid "Section 11"
msgstr "Razdelek 11"

#: C/index.docbook:622(sect2/para)
msgid "If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not
limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that
contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations,
then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit
royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the
only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.
msgstr "e so vam, kot posledica presoje sodia ali suma kritve patenta ali iz katerega koli drugega razloga (ne
omejenega zgoj na patentna vpraanja), vsiljeni pogoji (bodisi z odlokom sodia, sporazumom ali drugačni), ki
nasprotujejo pogojem tega dovoljenja, vas ne odvezujejo spotovanja pogojev tega dovoljenja. e knjigice ne morete
razirjati tako, da hkrati zadostite svojim obvezam pod tem dovoljenjem in vsem drugim ustreznim obvezam, potem
posledino splošne ne smete razirjati knjigice. Na primer, e patentno dovoljenje ne dovoli razirjanja knjigice brez
plaevanja avtorskega honorarja vseh, ki prejmejo izvode neposredno ali posredno od vas, potem je edina mona pot,
da zadostite temu pogoju in temu dovoljenju, ta, da se v celoti vzdrzite razirjanja knjigice."

msgid "If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance
of the section is intended to apply, and the section as a whole is intended to apply in other circumstances."
msgid "e se za katerikoli del tega razdelka ugotoviti, da je neveljaven ali da ga ni mogoe izvajati pod nobenim
doloenim pogojem, je miljeno, da velja usmeritev tega razdelka (angl. balance of the section) in razdelek kot celota
velja v drugih primerih."

msgid "It is not the purpose of this section to induce you to infringe any patents or other property right claims or to
contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software
distribution system which is implemented by public license practices. Many people have made generous
contributions to the wide range of software distributed through that system in reliance on consistent application of
that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other
system and a licensee cannot impose that choice."
msgid "Namen tega razdelka ni, da bi vas napeljeval h kritvi patentov ali drugih trditev lastnitva pravic ali
izpodbijal veljavnost katerihkoli taknih trditev; edini namen tega razdelka je itenje integritete sistema razirjanja
proste programske opreme, ki je izveden s prakso javnih dovoljenj. Mnogi ljudje so radodarno prispevali k irokemu
naboru programske opreme, razirjane preko tega sistema, v upanju na njegovo dosledno izvajanje; od avtorja/dajalca
je odvisno, e je pripravljen razirjati programje skozi katerikoli drug sistem, in izdajatelj dovoljenja ne more
vsiljevati te izbire."

msgid "This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this
License."
msgid "Ta razdelek namerava temeljito pojasniti, kaj so predvidene posledice preostalega besedila dovoljenja."

msgid "Section 12"
msgid "Razdelek 12"
zaitenih vmesnikov, lahko izvorni lastnik ali lastnica avtorskih pravic, ki postavlja knjino pod to dovoljenje, doda
izrecno zemljevidno omejitev razirjanja, ki izključuje te drave, tako da je razirjanje dovoljeno le v in med dravami, ki
niso na tak nain izkljuene. V takem primeru to dovoljenje vključuje omejitve, kot da so zapisane v besedilu tega
dovoljenja."

#: C/index.docbook:677(sect2/title)
msgid "Section 13"
msgstr "Razdelek 13"

#: C/index.docbook:679(sect2/para)
msgid "The Free Software Foundation may publish revised and/or new versions of the Lesser General Public
License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail
to address new problems or concerns."
msgstr "Ustanova Free Software Foundation lahko od asa do asa izdaja preurejene in/ali nove razliice Manj splonega
dovoljenja (angl. Lesser General Public License). Nove razliice bodo pisane v duhu trenutne razliice, vendar se
lahko razlikujejo v podrobnostih, ki bodo obravnavale nove teave ali poglede."

#: C/index.docbook:686(sect2/para)
msgid "Each version is given a distinguishing version number. If the Library specifies a version number of this
License which applies to it and <quote>any later version</quote>, you have the option of following the terms and
conditions either of that version or of any later version published by the Free Software Foundation. If the Library
does not specify a license version number, you may choose any version ever published by the Free Software
Foundation."
msgstr "Vsaki razliici je dolona razloevalna tevilka razliice. e knjinica doloa tevilko razliice tega dovoljenja, ki se
nanaa nanjo in <quote>na katero koli poznej razliico</quote>, imate izbiro upotevanja pogojev in doloi bodisi te
razliice ali poljubne kasneje razliice, ki jo je izdala ustanova Free Software Foundation. e knjinica ne doloa tevilke
razliice tega dovoljenja, lahko izberete poljubno razliico, ki jo je kdajkoli izdala ustanova Free Software
Foundation."

#: C/index.docbook:698(sect2/title)
msgid "Section 14"
msgstr "Razdelek 14"

#: C/index.docbook:700(sect2/para)
msgid "If you wish to incorporate parts of the Library into other free programs whose distribution conditions are
incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free
Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision
will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting
the sharing and reuse of software generally."
msgstr "e elite vkljuiti dele knjinice v drugo prosto programsko opremo, katere pogoji razirjanja so drugani od teh,
piite avtorju in ga prosite za dovoljenje. Za programje, katerega pravice razirjanja ima Free Software Foundation,
piite na Free Software Foundation; vasi pri tem naredimo izjemo. Nao odloitev bosta vodila dva cilja: ohranitev
prostega statusa vseh izvedenih del iz nae proste programske opreme in spodbujanje razdeljevanja in ponovne
uporabe programja na splono."

#: C/index.docbook:713(sect2/title)
msgid "NO WARRANTY"
msgstr "BREZ JAMSTVA"
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Daniel Mustieles
Las licencias que cubren la mayor parte del software están diseñadas para quitarle a usted la libertad de compartirlo y modificarlo, las Licencias Públicas Generales de GNU pretenden garantizarle la libertad de compartir y modificar el software libre, para asegurar que el software es libre para todos sus usuarios.

Cuando hablamos de software libre, estamos refiriéndonos a libertad, no a precio. Nuestras Licencias Públicas Generales están diseñadas para asegurarnos de que tenga la libertad de distribuir copias de software libre (y cobrar por ese servicio si quiere), de que reciba el código fuente o que pueda conseguirlo si lo quiere, de que pueda modificar el software o usar fragmentos de él en programas nuevos libres, y de que sepa que puede hacer todas estas cosas.
Esta licencia, la Licencia Pública General Menor (Lesser General Public Licence), se aplica a algunos paquetes de software diseñados específicamente tipicamente bibliotecas de la Free Software Foundation y de otros autores que deciden usarla. Usted puede usarla también, pero le sugerimos que piense primero cuidadosamente si esta licencia o la General Public Licence ordinaria, es o no la estrategia mejor a usar en un caso particular, basándose en las explicaciones siguientes.

Cuando hablamos de software libre, nos referimos a libertad de uso, no a precio. Nuestras Licencias Públicas Generales están diseñadas para asegurar que usted tiene la libertad de distribuir copias de software libre (y cobrar por este servicio si quiere); que recibe el código fuente o que puede obtenerlo si lo quiere; que puede modificar el software y usar partes de él en nuevos programas libres; y de que ha sido informado de que puede hacer estas cosas.

Para proteger sus derechos necesitamos algunas restricciones que prohíban a cualquiera negarle a usted estos derechos o pedirle que renuncie a ellos. Estas restricciones se traducen en ciertas obligaciones que le afectan si distribuye copias de la biblioteca, o si la modifica.

Por ejemplo, si distribuye copias de la biblioteca, sea gratuitamente, o a cambio de una contraprestación, debe dar a los receptores todos los derechos que tiene. Debe asegurarse de que ellos también reciben, o pueden conseguir, el código fuente. Si enlaza otro código con la biblioteca, debe proporcionar archivos objeto completos a los receptores, para que ellos puedan reenlazarlos con la biblioteca después de hacer cambios a la biblioteca y recompilarla. Y debe mostrarles estas condiciones de forma que conozcan sus derechos.

Protegemos sus derechos con la combinación de dos medidas:
(1) Derechos de copia de la Biblioteca (copyright), y
(2) le ofrecemos esta licencia, que le da permiso legal para copiar, distribuir y/o modificar la biblioteca.

Para proteger a cada uno de los distribuidores, queremos dejar muy claro que no existe garantía para la biblioteca libre. Además, si la biblioteca es modificada por alguien y se transmite, los receptores deberán saber que lo que ellos tienen no es la versión original, de forma que la reputación del autor original no se vea afectada por problemas que podrían ser introducidos por otros.

Finalmente, cualquier programa libre está constantemente amenazado por patentes sobre el software. Queremos evitar el peligro de que una compañía no pueda restringir efectivamente a los usuarios de un programa libre obteniendo una licencia restrictiva de un propietario de una patente. Para evitar esto, insistimos en que cualquier licencia de patente obtenida por una versión de la biblioteca deba ser consistente con la completa libertad de uso especificada en esta licencia.

La mayoría del software de GNU, incluyendo algunas bibliotecas, está cubierto por la Licencia Licencia Pública General ordinaria. Esta licencia, la GNU Licencia Pública General Menor, se aplica a ciertas bibliotecas designadas, y es un poco diferente de la Licencia Pública General. Usamos esta licencia para ciertas bibliotecas con el fin de permitir enlazar esas bibliotecas en programas no libres.

Cuando un programa está enlazado con una biblioteca, ya sea estéticamente o usando una biblioteca compartida, la combinación de los dos es hablando legalmente un trabajo combinado, una derivación de la biblioteca original. La Licencia Pública General entonces permite dicho enlazado sólo si la combinación entera cumple con este criterio de libertad. La Licencia Pública General Menor permite un criterio más relajado para enlazar otro código con la biblioteca.
Llamamos a esta licencia Licencia Pública General <quote>Menor</quote> porque hace Menos para proteger la libertad del usuario que la Licencia Licencia Pública General ordinaria. También proporciona otros desarrolladores de software libre Menos de las ventajas respecto a competir con programas que no sean software libre. Estas desventajas son la razón por la que usamos la licencia Licencia Pública General para muchas bibliotecas. Sin embargo, la licencia Menor proporciona ventajas en ciertas circunstancias especiales.

Por ejemplo, en raras ocasiones puede haber una necesidad especial de fomentar lo ms ampliamente posible el uso de una determinada biblioteca, de forma que esta se convierta en un estándar. Para conseguir esto, se debe permitir a los programas no libres el uso de estas bibliotecas. Un caso ms frecuente es aquel en el que una biblioteca libre hace el mismo trabajo que el que realizan las bibliotecas no libres ms ampliamente usadas. En este caso, hay poco que ganar limitando la biblioteca nicamente al software libre, de manera que usamos la Licencia Pública General Menor.

En otros casos, el permiso para usar una biblioteca determinada en programas no libres posibilita a un mayor número de gente a usar una gran cantidad de software libre. Por ejemplo, el permiso para utilizar la biblioteca GNU C en programas no libres posibilita a mucha ms gente a usar al completo el sistema operativo GNU, as como su variante, el sistema operativo GNU/LINUX.

Aunque la Licencia Pública General Menor es menos protectora para las libertades del usuario, asegura que el usuario de un programa que est enlazado con la biblioteca tiene la libertad y los medios para ejecutar ese programa usando una versión modificada de la biblioteca.

Los trminos y las condiciones exactas para la copia, distribución y modificación se indican a continuación. Preste especial atención a la diferencia entre un <quote>trabajo basado en la biblioteca</quote> y un <quote>trabajo que utiliza la biblioteca</quote>. El primero contiene código derivado de la biblioteca, mientras que el último debe estar unido con la biblioteca para ser ejecutado.

Este Acuerdo de Licencia se aplica a cualquier biblioteca de software u otro programa que contenga una notificación colocada por el poseedor del copyright u otra parte autorizada diciendo que puede distribuirse bajo los trminos de la licencia Licencia Pública General Menor (tambín llamada <quote>esta Licencia</quote>). Cada licenciario será referido como <quote>Usted</quote>.

Una <quote>biblioteca</quote> significa una colección de funciones y/o datos de software, preparados para ser enlazados de una forma cómoda con programas de aplicación (que usan algunas de estas funciones y datos) para formar ejecutables.

La <quote>Biblioteca</quote> en lo que sigue, se refiere a cualquier trabajo o biblioteca de software que haya sido distribuido bajo estos trminos. Un <quote>trabajo basado en la Biblioteca</quote> significa que, o la Biblioteca o cualquier trabajo derivado, está bajo la ley de derechos de autor: es decir, un trabajo que contiene a la Biblioteca o a una parte de ella, ya sea de forma literal o con modificaciones y/o traducida de forma clara a otro idioma (mas abajo se incluye la traducción sin restricción en el trmino <quote>modificación</quote>).
El código fuente para un trabajo se refiere a la forma preferida del trabajo para hacer modificaciones en 1. Para una Biblioteca, el código fuente completo significa todos los códigos fuente para todos los módulos que contenga la biblioteca, más cualquier fichero de definición de interfaz asociado, y los scripts asociados para controlar la compilación y la instalación de la biblioteca.

Otras actividades que no sean la copia, distribución y modificación no se encuentran cubiertas por esta Licencia; se encuentran fuera de su objetivo. La opción de ejecutar un programa utilizando la Biblioteca no está restringida, y el resultado de dicho programa está cubierto nicamente si su contenido constituye un trabajo basado en la Biblioteca (independientemente del uso de la Biblioteca como herramienta para escribirlo). Que esto sea cierto va a depender de lo que haga la Biblioteca y de lo que haga el programa que utiliza la Biblioteca.

Puede copiar y distribuir copias literales del código fuente completo de la Biblioteca tal y como la recibe, en cualquier medio, a condición de que usted publique de forma manifiesta y apropiada, en cada una de las copias, un aviso conveniente de derechos de autor y una renuncia de garantía; mantenga intactas todas las notificaciones que se refieran a esta Licencia y a la ausencia de cualquier garantía; y distribuya una copia de esta Licencia junto con la Biblioteca.

Puede modificar su copia o copias de la Biblioteca o de cualquier parte de ella, formando así un trabajo basado en la Biblioteca, y copiar y distribuir tales modificaciones o trabajo bajo los términos de la Sección 1 de arriba, siempre que usted también cumpla con todas estas condiciones:

- El trabajo modificado debe ser por sí mismo una biblioteca.
- Debe hacer que los ficheros modificados lleven avisos llamativos, declarando que usted cambió los ficheros y la fecha de cualquier cambio.
- Debe hacer que a todo el trabajo le sea concedida una licencia, sin cargo a terceras partes, bajo los términos de esta Licencia.
- Si una facilidad en la Biblioteca modificada se refiere a una función o a una tabla de datos, que deba ser suministrada por un programa de aplicación que usa la facilidad de otra manera que como un argumento pasado cuando la facilidad es invocada, entonces debe hacer un esfuerzo de buena fe para asegurar que, en caso de que una aplicación no suministre tal función o tabla, la facilidad aún funcione y haga que cualquier parte de su finalidad siga
siendo significativa.</para>

<para>(Por ejemplo, una funciòn en una biblioteca para computar razas cuadradas tiene un propuesto que est bien definido completamente, independientemente de la aplicaciòn. Por tanto, la Subsecciòn 2d exige que cualquier funciòn o tabla suministrada por la aplicaciòn y usada por esa funciòn debe ser opcional: si la aplicaciòn no la suministra, la funciòn raz cuadrada debe seguir computando razas cuadradas).</para>

<para>Estos requisitos se aplican al trabajo modificado como un todo. Si hay secciones identificables de ese trabajo que no derivan de la Biblioteca, y se pueden considerar razonablemente independientes y trabajos separados, por ellas mismas, entonces esta Licencia y sus trminos, no se aplican a aquellas secciones cuando usted los distribuya como trabajos separados. Pero cuando usted distribuya las mismas secciones como parte de un todo, que sea un trabajo basado en la Biblioteca, la distribuciòn del todo debe estar bajo los trminos de esta Licencia cuyos permisos para otros licenciatarios se extienden a todo el conjunto, y as para todas y cada una de las partes, sin tener en cuenta quien las escribi.</para>

<para>Estos requisitos se aplican al trabajo modificado como un todo. Si hay secciones identificables de ese trabajo que no derivan de la Biblioteca, y se pueden considerar razonablemente independientes y trabajos separados, por ellas mismas, entonces esta Licencia y sus trminos, no se aplican a aquellas secciones cuando usted los distribuya como trabajos separados. Pero cuando usted distribuya las mismas secciones como parte de un todo, que sea un trabajo basado en la Biblioteca, la distribuciòn del todo debe estar bajo los trminos de esta Licencia cuyos permisos para otros licenciatarios se extienden a todo el conjunto, y as para todas y cada una de las partes, sin tener en cuenta quien las escribi.</para>

<para>As pues, la intenciòn de esta secciòn no es exigir derechos o discutir los derechos de un trabajo escrito completamente por usted; ms bien, la intenciòn es ejercer el derecho a controlar la distribuciòn de trabajos derivados o colectivos basados en la Biblioteca.</para>

<para>Adems, la mera agregaciòn de otro trabajo no basado en la Biblioteca con la Biblioteca (o con un trabajo basado en la Biblioteca) en un volumen de almacenaje o en un medio de distribuciòn, no pone al otro trabajo bajo los objetivos de esta Licencia.</para>

<sect2 id="sect3" label="3">
<title>Secciòn 3</title>

<para>Usted puede optar por aplicar a una determinada copia de la Biblioteca, los trminos de la Licencia Pblica General GNU ordinaria en vez de los de esta Licencia. Para hacer esto, debe alterar todas las notificaciones que se refieren a esta Licencia, para que se refieran a la Licencia Pblica General GNU ordinaria, versiòn 2, en vez de a esta Licencia. (Si ha aparecido una versiòn ms reciente que la versiòn 2 de la Licencia Pblica General GNU ordinaria, entonces, si quiere, puede especificar esa nueva versiòn). No haga ningn otro cambio en estas notificaciones.</para>

<para>Una vez que se haya hecho este cambio en una copia dada, es irreversible para esa copia, de modo que la Licencia Pblica General GNU ordinaria se aplica a todas las copias siguientes y a trabajos derivados realizados a partir de esa copia.</para>

<para>Esta opciòn es til cuando usted quiere copiar parte del cdmigo de la Biblioteca dentro de un programa que no es una biblioteca.</para>

<sect2 id="sect4" label="4">
<title>Secciòn 4</title>

<para>Puede copiar y distribuir la Biblioteca (o una porciòn o derivado de ella, bajo la Secciòn 2) en cdmigo objeto o
forma ejecutable bajo los trminos de las Secciones 1 y 2 arriba indicadas, siempre que la acompe con el correspondiente cdigo fuente legible (a mquina) completo, que debe ser distribuido bajo los trminos de las Secciones 1 y 2 de arriba, en un medio usado habitualmente para el intercambio de software.</para>

<para>Si la distribucin del cdigo objeto se hace ofreciendo el acceso a su copia desde un lugar designado, entonces ofreciendo un acceso equivalente a la copia del cdigo fuente desde el mismo sitio se satisfacen los requisitos para la distribucin del cdigo fuente, aunque las terceras partes no estn obligadas a copiar el cdigo fuente junto con el cdigo objeto.</para>

</sect2>

<sect2 id="sect5" label="5">
<title>Seccin 5</title>

<para>Un programa que no contiene derivado de ninguna porcin de la Biblioteca, pero est diseado para trabajar con la Biblioteca al ser compilado o enlazado con ella, se denomina un <quote>trabajo que usa la Biblioteca</quote>. Dicho trabajo, por separado, no es un trabajo derivado de la Biblioteca, y por tanto cae fuera del mbito de esta Licencia.</para>

<para>Sin embargo, enlazar un <quote>trabajo que usa la Biblioteca</quote> con la Biblioteca, crea un executable que es un derivado de la Biblioteca (porque contiene porciones de la Biblioteca). , en vez de un <quote>trabajo que usa la Biblioteca</quote>. El executable est por tanto cubierto por esta Licencia. La <link linkend="sect6">Seccin 6</link> expone los trminos para la distribucin de tales ejecutables.</para>

<para>Cuando un <quote>trabajo que usa la Biblioteca</quote> utiliza material de un fichero cabecera que forma parte de la Biblioteca, el cdigo objeto del trabajo puede ser un trabajo derivado de la Biblioteca aunque el cdigo fuente no lo sea. Que esto sea cierto es especialmente significativo si el trabajo puede ser enlazado sin la Biblioteca, o si el trabajo es por si mismo una biblioteca. El limite para que esto sea cierto no est definido con precisin por la ley.</para>

<para>Si dicho fichero objeto utiliza solo parmetros numricos, esquema de estructura de datos, y pequeas macros y pequeas funciones en lnea (diez lneas o menos de longitud), entonces el uso del fichero objeto no est restringido, sin tener en cuenta si esto es legalmente un trabajo derivado. (Ejecutables que contengan este cdigo objeto y porciones de la Biblioteca estan aun bajo la <link linkend="sect6">Seccin 6</link>.)</para>

<para>En caso contrario, si el trabajo es un derivado de la Biblioteca, usted puede distribuir el cdigo objeto del trabajo bajo los trminos de la <link linkend="sect6">Seccin 6</link>. Cualquier executable que contenga ese trabajo tambin cae bajo la <link linkend="sect6">Seccin 6</link>, est o no enlazado con la Biblioteca.</para>

</sect2>

<sect2 id="sect6" label="6">
<title>Seccin 6</title>

<para>Como excepcin a las secciones anteriores, puede tambin combinar o enlazar un <quote>trabajo que usa la Biblioteca</quote> con la Biblioteca para producir un trabajo que contenga porciones de la Biblioteca, y distribuir ese trabajo bajo los trminos de su eleccin, siempre que los trminos permitan la modificacin del trabajo por el uso propio del cliente y la ingeniera inversa para la depuracin de tales modificaciones.</para>
Debe incluir con cada copia del trabajo una notificación de que la Biblioteca se utiliza en el, y de que la Biblioteca y su uso están cubiertos por esta Licencia. Debe suministrar una copia de esta Licencia. Si el trabajo, durante su ejecución, muestra notas de derechos de autor, usted debe incluir entre ellas las notas de derechos de autor de la Biblioteca, así como una referencia que dirija al usuario a la copia de esta Licencia. Además, usted debe hacer una de estas cosas: <orderedlist numeration="loweralpha">
   <listitem><para id="sect6a">Acompañar el trabajo con el correspondiente código fuente legible (a máquina) completo de la Biblioteca, incluyendo cualquier cambio que fuera utilizado en el trabajo (el cual debe ser distribuido bajo las Secciones <link linkend="sect1">1</link> y <link linkend="sect2">2</link> de arriba); y, si el trabajo es un ejecutable enlazado con la Biblioteca, con el completo, legible (a máquina) trabajo que usa la Biblioteca, como código objeto y/o código fuente, de forma que el usuario pueda modificar la Biblioteca y reenlazar entonces para producir un ejecutable modificado que contenga la Biblioteca modificada. (Se entiende que el usuario que cambia los contenidos de los archivos de definiciones en la Biblioteca no necesariamente será capaz de recompilar la aplicación para usar las definiciones modificadas).</para>
   </listitem>
   <listitem><para>Usar un mecanismo de biblioteca compartida adecuado para enlazar con la Biblioteca. Un mecanismo adecuado es uno que (1) utiliza en tiempo de ejecución una copia de la biblioteca que esté ya presente en el ordenador del usuario, en vez de copiar funciones de biblioteca dentro del ejecutable, y (2) funcionar correctamente con una versión modificada de la biblioteca, si el usuario instala una, mientras que la versión modificada sea de interfaz compatible con la versión con la que se hizo el trabajo.</para>
   </listitem>
   <listitem><para>Acompañar el trabajo con una oferta escrita, válida por tres años al menos, para proporcionar a dicho usuario los materiales especificados en la <link linkend="sect6a">Subsección 6a</link> de arriba, por un precio no superior al costo de realizar esta distribución.</para>
   </listitem>
   <listitem><para>Si la distribución del trabajo se hace ofreciendo el acceso a la copia desde un lugar determinado, ofrecer un acceso equivalente para la copia de los materiales especificados anteriormente desde el mismo lugar.</para>
   </listitem>
   <listitem><para>Verificar que el usuario ha recibido ya una copia de estos materiales o que usted ya le ha enviado una copia a este usuario.</para>
   </listitem>
</orderedlist>
<para>Para un ejecutable, la forma requerida del trabajo que usa la Biblioteca debe incluir todos los programas de datos y utilidades necesitados para reproducir el ejecutable desde 1. Sin embargo, como una excepción especial, los materiales a distribuir no necesitan incluir nada de lo que es distribuido normalmente (ya sea en forma binaria o fuente) con los componentes principales (compilador, núcleo, y demás) del sistema operativo en el cual funciona el ejecutable, a menos que el componente por él mismo acompañe al ejecutable.</para>
<para>Puede suceder que este requisito contradiga las restricciones de la licencia de otras bibliotecas propietarias que no acompañan normalmente al sistema operativo. Dicha contradicción significa que no puede usar estas y la Biblioteca juntas en un ejecutable que usted distribuya.</para>
Puede colocar facilidades de biblioteca, que son un trabajo basado en la Biblioteca, juntas en una sola biblioteca junto con otras facilidades de biblioteca no cubiertas por esta Licencia, y distribuir dicha biblioteca combinada, con tal que la distribución separada del trabajo basado en la Biblioteca y de las otras facilidades de biblioteca esté, por lo demás, permitida, y con tal que usted haga estas dos cosas:

1. Acompañar la biblioteca combinada con una copia del mismo trabajo basado en la Biblioteca, no combinado con cualquier otra facilidad de biblioteca. Esto debe ser distribuido bajo los términos de las Secciones superiores.
2. Incluir una notificación destacada con la biblioteca combinada del hecho de que parte de ella es un trabajo basado en la Biblioteca, y explicando donde encontrar las formas sin combinar acompañantes del mismo trabajo.

Usted no puede copiar, modificar, sublicenciar o distribuir la Biblioteca salvo por lo permitido expresamente por esta Licencia. Cualquier otro intento de copia, modificación, sublicenciamiento o distribución de la Biblioteca es nulo, y dar por terminados automáticamente sus derechos bajo esa Licencia. Sin embargo, los terceros que hayan recibido copias, o derechos, de usted bajo esta Licencia no verán terminadas sus licencias, siempre que permanezcan en total conformidad con ella.

No se le exige que acepte esta Licencia, puesto que no la ha firmado. Sin embargo, ninguna otra cosa le concede a usted el permiso para modificar o distribuir la Biblioteca o sus trabajos derivados. Estas acciones están prohibidas por ley si usted no acepta esta Licencia. Por tanto, al modificar o distribuir la Biblioteca (o cualquier trabajo basado en la Biblioteca), usted indica su aceptación de esta Licencia para hacerlo, y todos sus términos y condiciones para copiar, distribuir o modificar la Biblioteca o los trabajos basados en ella.
la Biblioteca sujeto a estos términos y condiciones. Usted no debe imponer ninguna restricción posterior sobre el ejercicio de los receptores de los derechos otorgados aquí mencionados. Usted no es responsable de imponer conformidad con esta Licencia por terceras partes.</para>

</sect2>

<sect2 id="sect11" label="11">
<title>Sección 11</title>

<para>Sí, como consecuencia de un juicio o infracción de patente o por cualquier otra razón (no limitada a asuntos de patente) a usted se le imponen condiciones (sea orden judicial, acuerdo u otras) que contradigan las condiciones de esta Licencia, eso no le dispensa de las condiciones de esta Licencia. Si usted no puede distribuirla de tal forma que satisfaga simultáneamente sus obligaciones con respecto a esta licencia y cualquier otras obligaciones pertinentes, entonces como consecuencia, no debe en absoluto distribuir la Biblioteca. Por ejemplo, si una licencia de patente no permitiera la redistribución libre de derechos de autor de la Biblioteca a todos aquellos que reciben copias directamente o indirectamente a través de usted, entonces la nica forma en la que podrá satisfacer tanto esto como esta Licencia sería abstenerse completamente de la distribución de la Biblioteca.</para>

<para>Si cualquier parte de esta sección se considera inválida o inaplicable bajo cualquier circunstancia particular, se intentará aplicar el balance de esta sección, y en otras circunstancias se intentará aplicar la sección como un todo.</para>

<para>No es el propósito de esta sección el inducirle a usted a infringir cualquier demanda de derechos de patente u otros derechos de propiedad o el impugnar la validez de tales demandas; esta sección tiene el único propósito de proteger la integridad del sistema de distribución de software libre, lo cual se lleva a cabo mediante prácticas de licencia pública. Mucha gente ha hecho generosas contribuciones al amplio rango de software distribuido a través de este sistema, confiando en la firme aplicación de este sistema; es decisión del autor/donante decidir si el o ella quiere distribuir software a través de cualquier otro sistema y una licencia no puede imponer esa elección.</para>

<para>Esta sección tiene el propósito de esclarecer a fondo lo que se cree ser una consecuencia del resto de esta licencia.</para>

</sect2>

<sect2 id="sect12" label="12">
<title>Sección 12</title>

<para>Si la distribución y/o uso de la Biblioteca est restringida en ciertos pases mediante patentes o interfaces con derechos de autor, el propietario de los derechos de autor originales, el cual puso la Biblioteca bajo esta Licencia, puede aadir una limitación a la distribución geográfica explícita excluyendo estos pases, de forma que esta distribución se permita solamente en o entre pases no excluidos. En tal caso, esta Licencia incorpora la limitación como si estuviera escrita en el cuerpo de esta Licencia.</para>

</sect2>

<sect2 id="sect13" label="13">
<title>Sección 13</title>

<para>La Free Software Foundation puede publicar versiones nuevas y revisadas de la Licencia Licencia Pública General Menor de vez en cuando. Dichas versiones nuevas serán similares en espíritu a la presente versión, pero pueden diferir en detalles para solucionar nuevos problemas o preocupaciones.</para>
Cada versión tiene un número de versión que la distingue. Si la Biblioteca especifica que se aplica un número de versión en particular de esta Licencia y cualquier versión posterior, usted tiene la opción de seguir los términos y condiciones de la versión especificada o cualquier otra posterior que haya sido publicada por la Free Software Foundation. Si la Biblioteca no especifica un número de versión de esta Licencia, puede escoger cualquier versión que haya sido publicada por la Free Software Foundation.

Si quiere incorporar partes de la Biblioteca en otros programas libres cuyas condiciones de distribución son incompatibles con estos, escriba al autor para pedirle permiso. Para el software cuyos derechos de autor pertenecen a la Free Software Foundation, escriba a la Free Software Foundation; nosotros hacemos a veces excepciones a esto. Nuestra decisión se guiará generalmente por los dos objetivos de preservar el estatus libre de todo lo derivado de nuestro software libre y de promover la compartición y reutilización de software.

DEBIDO A QUE LA BIBLIOTECA ESTÁ LICENCIADA LIBRE DE CARGOS, NO HAY GARANTÍA PARA LA BIBLIOTECA EN LA EXTENSIÓN PERMITIDA POR LA LEY APLICABLE. EXCEPTO CUANDO SE ESTABLEZCA DE OTRO MODO POR ESCRITO, LOS POSEEDORES DEL DERECHO DE AUTOR Y/O OTRAS PARTES SUMINISTRAN LA BIBLIOTECA "TAL CUAL" SIN GARANTÍA DE NINGUNA CLASE, YA SEA DE FORMA EXPRESA O IMPLÍCITA, INCLUYENDO, PERO NO LIMITADA A, LAS GARANTÍAS IMPLÍCITAS DE COMERCIABILIDAD Y ADECUACIÓN PARA UN PROPÓSITO PARTICULAR. TODO EL RIESGO EN CUANTO A CALIDAD Y EJECUCIÓN DE LA BIBLIOTECAS ES SUYO. SI LA BIBLIOTECA RESULTARA ESTAR DEFECTUOSA, USTED ASUME EL COSTE DE TODO EL MANTENIMIENTO, REPARACIÓN O CORRECCIÓN NECESARIA.

BAJO NINGÚN CONCEPTO, A MENOS QUE SEA REQUERIDO POR LA LEY APLICABLE O DE ACUERDO A UN ESCRITO, CUALQUIER POSEEDOR DE DERECHOS DE AUTOR O CUALQUIER OTRA PARTE QUE PUEDA MODIFICAR Y/O REDISTRIBUIR LA BIBLIOTECA COMO SE PERMITE ARRIBA, SER RESPONSABLE CON USTED POR DAOS, INCLUYENDO CUALQUIER DAO GENERAL, ESPECIAL, ACCIDENTAL O CONSECUENTE ORIGINADO POR EL USO O INCAPACIDAD DE USAR LA BIBLIOTECA(INCLUYENDO PERO NO LIMITANDO, A LAS PRDIDAS DE DATOS O A LA PRODUCCIÓN DE DATOS INDECORRECTOS, O PRDIDAS SUFRIDAS POR USTED O TERCERAS PARTES O UN FALLO DE LA BIBLIOTECA PARA FUNCIONAR CON CUALQUIER OTRO SOFTWARE) INCLUSO SI TAL TITULAR U OTRA PARTE HA SIDO NOTIFICADA DE LA POSIBILIDAD DE TALES DAOS.
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dig av och ndra fri programvara - fr att frskra att programvaran r fri fr alla dess anvndare.</para>
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De flesta programvarulicenser r skapade fr att ta bort din frihet att ndra och dela med dig av programvaran. GNU General Public Licenses (nedan kallade GPL) r i stllet avsedda att garantera din frihet att dela med dig av och frndra fri programvara att frskra att programvaran r fri fr alla dess anvndare.

Når vi talar om fri programvara syftar vi p frihet att använda den, inte pris. Vra GPL r skapade fr att garantera din rtt att distribuera kopior av fri programvara (och ta betalt fr tjnsten om du nskar), att garantera att du fr kllkoden eller kan f den om du s nskar, att garantera att du kan ndra i programvaran och anvnda delar av den i ny fri programvara samt att garantera att du r informerad om dessa rttigheter.

Denna licens, Lesser General Public License, gller vissa specialutformade programpaket srskt bibliotek frn Free Software Foundation och andra upphovsmn som bestmmer sig fr att använda licensen. Du kan ocks använda licensen, men vi ferslr att du utfr beskrivningen nedan funderar p om det r den hr licensen eller ordinarie GPL som r den bsta strategin fr dig.

Om du exempelvis distribuerar kopior av biblioteket, gratis eller mot en avgift, mste du ge mottagaren alla de rttigheter du sjlv har. Du mste ocks se till att mottagaren fr eller kan f kllkoden. Om du lnkar annan kod till biblioteket mste du tillhandahlla fullstndiga objektfiler till mottagaren s att han/hon kan terlnka dem med biblioteket.
efter att ha gjort ändringar i biblioteket och kompilerat om det. Du mste ven visa dessa licensvillkor fr mottagaren s att han/hon knner till sina rttigheter.</para>

<para>Vi skyddar dina rttigheter i tv steg: (1) upphovsrtt till biblioteket och (2) dessa licensvillkor som ger dig laglig tillt att kopiera, distribuera och/eller ndra biblioteket.</para>

<para>Fr varje enskild distributurs skerhet vill vi friytliga att det inte lmnas nga garantier fr det fria biblioteket. Om biblioteket ndras av ngen annan n upphovsmannen och vidareverlts, br mottagaren knna till att han/hon inte har originalversionen och att frndringar av och felaktigheter i biblioteket inte skall belasta den ursprunglige upphovsmannen.</para>

<para>Slutligen skall nmnas att all fri programvara hotas av programvarupatent. Vi vill undvika att fretag kan frhindra anvndningen av fri programvara genom att skaffa en begrnsande licens frn en patentinnehavare. Vi insistrer drfr p att alla patentlicenser som erhlls fr en version av biblioteket mste vara frena med den fulla nyttjandefriheten i den hr licensen.</para>

<para>De flesta GNU-program, inklusive vissa bibliotek, tcks av ordinarie GPL. Den hr licensen, GNU Lesser General Public License (nedan kallad LGPL), gller vissa specificerade bibliotek och skiljer sig avsevrt frn GPL. Vi anvnder den hr licensen fr vissa bibliotek i syfte att tillta lnkning av biblioteken till icke-fria programvaror.</para>

<para>Nr ett program lnkas med ett bibliotek, antingen statiskt eller genom ett delat bibliotek, r sammanslagningen ur rttslig synpunkt ett kombinerat verk, en hrledning ur det ursprungliga biblioteket. Enligt ordinarie GPL tills drfr sdan lnkning endast om hela kombinationen verensstmmer med kriterierna fr fri programvara. LGPL tillter mer uppluckrade kriterier fr lnkning av annan kod till biblioteket.</para>

<para>Vid lssnynta fall kan det finnas srskilt behov av att uppmuntra bredast mjliga anvndning av ett visst bibliotek s att det de facto blir standard. I syfte att uppn detta mste icke-fria programvara tillta anvnda biblioteken. Vanligare r att ett fritt bibliotek utf samma uppgift som ofta anvnda icke-fria bibliotek. I det senare fallet finns det inte mycket att vinna p att begrnsa det fria biblioteket till fri programvara enbart, s vi anvnder d den begrnsade licensen.</para>

<para>I andra fall ger tillt att anvnda ett visst bibliotek i icke-fria program fler mnnskor mjlighet att anvnda en stor mngd fria programvaror. Som exempel kan nmnas att tillt att anvnda biblioteken GNU C i icke-fria program, gr det mjligt fr fler personer att anvnda hela GNU-operativsystemet eller GNU/Linux-operativsystemet.</para>

<para>Ven om den begrnsade licensen ger ett mindre omfattande skydd av anvndarnas frihet, garanterar det att anvndaren av ett program som r Inkat till biblioteket har friheten och mjligheten att kra programmet via en ndrad version av Biblioteket.</para>

<para>De exakta villkoren och frsttningarna fr att kopiera, distribuera och ndra programvaran beskrivs nedan. Observera skillnaden mellan ett verk r baserat p biblioteket och ett verk som anvnder biblioteket. Det frstnmnda innehller koden som hretts ur biblioteket medan det senare mste kombineras med biblioteket fr att kras.</para>
VILLKOR FR ÅTT KOPIERA, DISTRIBUERA OCH NDRA PROGRAMVARAN

Paragraf 0

Detta licensavtal gäller samtliga programbibliotek eller andra program som innehåller en upphovsrättsklausul från upphovsrättsinnehavaren eller annan behörig part som sger att det kan distribueras enligt villkoren i Lesser General Public License (nedan ven kallad "Licensen"). Samtliga licensinnehavare tituleras med "du".

Med ett "bibliotek" avses en samling programfunktioner och/eller data som frberetts fr att enkelt kunna inkas till applikationsprogram (som använder vissa av dessa funktioner och viss data) fr att skapa krbara filer.

Med ett "verk" baserat p Biblioteket avser antingen Biblioteket eller hrledda verk enligt upphovsrättslig lagstiftning: det vill sga ett verk som innehiller hela eller delar av Biblioteket, antingen en exakt kopia eller ndrad kopia och/eller versatt till ett annat sprk. (versningar ingr nedan utan begränsning i begreppet "ndring eller ndra").

Med ett "kllkod" avses den fredragna formen av verket fr att kunna gra ndringar av verket. Fr ett bibliotek betyder den fullständiga kllkoden all kllkod fr alla ingende moduler, eventuella dithrande definitionsfiler fr gränssnitt samt skript som anvnds fr att styra kompilering och installation av biblioteket.


Du kan kopiera och distribuera exakta kopior av Bibliotekets fullstndiga kllkod i den form du mottagit det, oavsett medium, frutsatt att du tydligt och korrekt p varje kopia publicerar en riktig upphovsrättsklausul och garantifrskrivningsklausul, vidhiller all hnvisningar till Licensen och till alla garantifrskrivningar samt distribuerar en kopia av Licensen tillsammans med Biblioteket.

Du kan ta ut en avgift fr proceduren att verfra en kopia och du kan erbjuda garanti mot en avgift om du snskar.

Du kan ndra din kopia eller dina kopior av Biblioteket eller delar av det och p s stt skapa ett verk baserat p...
Biblioteket. Du kan ven kopiera och distribuera dessa ndringar eller verk enligt villkoren i <link linkend="sect1">paragraf 1</link> ovan, under frutstning att ven fljande villkor r uppfyllda: <orderedlist numeration="loweralpha">  
<li><para>Det frndrade verket mste i sig sjlv vara ett programvarubibliotek.</para>  
<li><para>De ndrade filerna mste innehlla tydlig information om att du har ndrat filerna och vilket datum dessa ndringar utfrdes.</para>  
<li><para>Hela verket mste licensieras utan kostnad till alla tredjemn enligt villkoren i Licensen.</para>  
<li><para>Om en modul i det ndrade Biblioteket hnvisar till en funktion eller en datatabell som skall levereras med ett applikationsprogram som anvnder den modulen, annat n som ett argument nr modulen anropas, mste du frskra att, i hndelse av att en applikation inte tillhandahller funktionen eller tabellen, modulen nd fungerar och utf det den huvudsakligen syftar till.</para>  
<li><para>(Exempelvis har en funktion i ett bibliotek som skall berkna kvadratrtter ett klart och vldefinierat syfte oberoende av applikationen. Drf krvs att samtliga applikationsfunktioner och -tabeller som anvnds av denna funktion, enligt paragraf 2d, mste vara valfria: om applikationen inte tillhandahller det mste kvadratrotsfunktionen nd berkna kvadratrtter.)</para>  
<li><para>Dessa krav gller det ndrade verket i dess helhet. Om identifierbara delar av verket inte hrrr fran Biblioteket och rimligen kan anses fristende och separata verk gller inte licensvillkoren i dessa delar nr de distribueras som separata verk. Om samma delar distribueras som en del av en helhet som innehller verk baserat p Biblioteket, mste distributionen i sin helhet ske enligt villkoren i Licensen. Licensen skall i sdant fall glla fr andra licensinnehavare fr hela verket och dmd till varje del av Biblioteket oavsett vem som r upphovsman till de olika delarna.</para>  
<li><para>Avsikten med denna paragraf r inte att hvda rttigheter eller ifrgastta dina rttigheter till ett verk som skrivits helt av dig. Syftet r i stllet att utva rtten att kontrollera distributionen av hredda verk eller kombinerade verk baserade p Biblioteket.</para>  
<li><para>Om det p ett lagrings- eller distributionsmedium finns ett annat verk som inte baseras p Biblioteket (eller ett verk baserat p Biblioteket) tillsammans med Biblioteket omfattas inte det andra verket av Licensen.</para>  
</orderedlist></sect2>
Nr ndringen har genomfrts i en viss kopia, r den oterkallelig fr denna kopia, s att GNU GPL gller alla fljande kopior och hrledda verk som skapas frn den kopian. 

Detta alternativ r anvndbart nr du vill kopiera delar av Bibliotekets kod till ett program som inte r ett bibliotek. 

Du kan kopiera och distribuera Biblioteket (eller del av det eller verk hrledda ur Biblioteket enligt <link linkend="sect2">paragraf 2</link>) i objektkod eller krbar form enligt villkoren i paragraf <link linkend="sect1">1</link> och <link linkend="sect2">2</link> ovan under frutsttning att du bifogar den kompletta maskinsbara kllkoden, vilken mste distribueras i enlighet med paragraf <link linkend="sect1">1</link> och <link linkend="sect2">2</link> ovan, p ett medium som i allmnhet anvnds fr utbyte av programvara. 

Om distribution av objektkod utfrs genom att erbjuda tillgng till att kopiera den frn en bestmd plats skall motsvarande tillgng till att kopiera kllkoden frn samma plats rkanas som distribution av kllkoden, ven om tredjeman inte behver kopiera kllkoden tillsammans med objektkoden. 

Ett program som inte innehller del som hrrr frn Biblioteket, men r skapat fr att arbeta med Biblioteket genom att kompileras eller lnkas med det, kallas ett <quote>verk som anvnder Biblioteket</quote>. Ett sdant verk r i sig inte ett hrlett verk ur Biblioteket och faller utanfr licensens rckvidd. 

Dremot r en lnkning av ett <quote>verk som anvnder Biblioteket</quote> med Biblioteket till en krbar fil en hrledning av Biblioteket (eftersom det innehller delar av Biblioteket) snarare n ett <quote>verk som anvnder Biblioteket</quote>. Den krbara filen teks i sdant fall av Licensen. I <link linkend="sect6">paragraf 6</link> beskrivs villkoren fr distribution av sdana krbara filer. 

Ett verk som anvnder Bibioteket<quote> </quote> anvnder material frn en etikettfil som ingr i Biblioteket kan objektkoden fr verkets sida om kllkoden inte r det. Denna skillnad r srskt viktig om verket kan lnkas utan Biblioteket eller om verket i sig r ett bibliotek. Var gnsen gr fr att detta skall vara ett faktum r inte exakt definierat i lagstiftningen. 

Om en sdan objektfil endast anvnder numeriska parametrar, datastrukturlayouter, accessor-funktioner, korta makron och kortare inline-funktioner (tio rader eller kortare) i användningen av objektfilen obegrnsad, oavsett om det lagligt sett r ett hrlett verk. (Krbara filer som innehller objektkoden samt delar av Biblioteket faller nd under <link linkend="sect6">paragraf 6</link>.)  

Om verkets sida fr ur Biblioteket, kan du distribuera objektkoden fr verkets sida som innehller materialet ur Biblioteket, s att GNU GPL gller alla fljande kopior och hrledda verk som skapas frn den kopian. 

Samtliga krbara filer som innehller materialet ur verkets sida faller nd under <link linkend="sect6">paragraf 6</link>, oavsett om de r lnkade indirekt till Biblioteket eller inte.
Paragraf 6

Undantag från paragraferna ovan kan gr ans fr kombination eller inkning av ett "verk som använder Biblioteket" med Biblioteket fr att skapa ett verk som innehåller delar av Biblioteket samt distribution av verkets enligt andra villkor, under förutsättning att villkoren tillträder nödvändiga i verkets fr kundens egen räkning och omvint en möjlighet att ta bort nödvändigarna.

Varje kopia av verkets maste utfjas av ett tydligt meddelande att Biblioteket används i verkets och att Biblioteket och dess användning tcks av den hr Licensen. Du mste bifoga en kopia av Licensen. Om verkets under krning visar upphovsrättsklausuler mste du ven inkludera upphovsrättsklausuler fr Biblioteket samt en referens till kopian av denna Licens. Du mste ven gra en av fljande saker: <orderedlist numeration="loweralpha">

- **Bifoga den kompletta källkoden fr Biblioteket i maskinsvar form inklusive eventuella nödvändiga som anvnts i verkets (vilda skall distribueras enligt paragraf <link linkend="sect1">1</link> och <link linkend="sect2">2</link> ovan) samt, om verkets en krbar fil inkad till Biblioteket, det kompletta maskinsvarbara verkets som använder Biblioteket som objektkod och/eller källkod, s att användaren kan ndra Bibliotekettet och sedan tillika det fr att skapa en fränd krbar fil innehållande det ndrade Biblioteket. (Detta beror p att användaren som ndrar innehållet av definitionsfilerna i Biblioteket kanske inte kan kompensa om applikationen fr att använda de ndrade definitionerna.)</para>

- **Använd en Implig delad biblioteksfunktion fr inkning med Biblioteket. En Implig funktion r en som (1) under krningen använder en redan befintlig kopia av biblioteket i stället fr att kopiera biblioteksfunktioner till den krbara filen och (2) fungerar korrekt med en ndrad version av biblioteket, om användaren installerar en, s Inge den ndrade versionen r gränssnittskompatibel med versionen som verkets skapades fr.</para>

- **Bifoga ett skriftligt erbjudande, gällande i minst tre r, att ge samma anvndare materialen upprknade i <link linkend="sect6a">6a</link> ovan, mot en avgift som inte r hgre n sjlvkostnaden fr distributionen.</para>

- **Om distributionen av verkets sker genom erbjudande av tillgng till kopiering frn en bestmd plats, erbjudas motsvarande tillgng att kopiera de ovan nmnda materialen frn samma plats.</para>

- **Kontrollera att användaren redan har mottagit en kopia av materialen eller att du redan har skickat en kopia till denna anvndare.</para>

- **Fr krbara filer mste <quote>verket som använder Biblioteket</quote> innehålla samtliga data- och hjlpprogram som behvs fr att skapa en krbar fil frn den. Ett undantag kan dock gr ans fr material som normalt distribueras, antingen i binr form eller källkod, med huvudkomponenterna (kompilator, kerna osv.) i vilket den krbara filen krs, svida inte denna komponent nedfljer den krbara filen.</para>
Det kan inträffa att detta krav motsger licensbegränsningarna i andra patenterade bibliotek som normalt inte medfjäer operativsystemet. Sdana begränsningar innebär att du inte kan använda de patenterade biblioteken samtidigt med Biblioteket i en kvar fil som du distribuerar.

Du kan placera biblioteksfunktioner som r ett verk baserat på Biblioteket sida vid sida i ett enskilt bibliotek tillsammans med andra biblioteksfunktioner som inte teks av Licensen, och distribuera ett sånt kombinerat bibliotek under frutsttning att separat distribution av verket baserat på Biblioteket och av de andra biblioteksmodulerna r tilliet, samt under frutsttning att du gr ngot av fljande:

Bifogar en kopia av samma verk baserat på Biblioteket, men skild från andra biblioteksfunktioner. Distributionen måste ske enligt villkoren i ovanstående paragrafer.

Meddelar tydligt i det sammansatta biblioteket att en del av biblioteket r ett verk baserat på Biblioteket samt frklarar var den medfljande separata versionen av samma verk kan terfinnas.

Du får inte kopiera, ndra, licensiera, lnka till eller distribuera Biblioteket utom p det s tt som uttryckligen anges i Licensen. Alla andra frsk att kopiera, ndra, licensiera, lnka till eller distribuera Biblioteket r ogiltiga och upphver automatiskt dina rttigheter enligt Licensen. Tredje man som har mottagit kopior eller rttigheter från dig enligt Licensen kommer dock inte att frlora sina rttigheter s Inge de fljande licensvillkoren.


Om till fljd av ett domstolsutslag eller anklagelse om patentintrng eller av ngot annat skl (ej begrsat till patentfrgor), villkor lggs dig (antingen genom domstolsbeslut, avtal eller p annat stt) som strider mot den hr Licensen, befriar det dig inte frn ngot av villkoren i Licensen. Om du inte kan distribuera Biblioteket och samtidigt uppfylla villkoren enligt Licensen och andra skylligheterna, fr du som en konsekvens inte distribuera Biblioteket. Om exempelvis ett patent inte tillter fri distribution av Biblioteket till alla dem som mottar kopior direkt eller indirekt frn dig, mste du avst helt frn distribution av Biblioteket.

Om ngon del av denna paragraf frklaras ogiltig eller ej verkstllbar i ngot sammanhang skall terstoden av paragrafen glla och paragrafen i sin helhet gller i andra sammanhang.

Syftet med denna paragraf r inte att frm dig att beg intrng i patent eller andra rttigheter eller att frm dig att bestrida gillheten i sdana rttigheter. Det enda syftet med denna paragraf r att skydda distributionssystemet fr fri programvara vilket grs genom anvndandet av dessa licensvillkor. Mnga mnniskor har lmnat generosa bidrag till det stora utbudet av programvara som distribueras i det hr systemet och stter sin tillit till en fortsatt anvndning av systemet. Det r upphovsmannen sjlv som beslutar om han/hon vill distribuera programvara genom detta eller annat system och en licensinnehavare kan inte framtvinga ett sdant beslut.

Denna paragrafs syfte r att gra helt klart vad som anses vara konsekvensen av terstende delen av Licensen.

Om distributionen och/eller anvndningen av Biblioteket r begrnsad i vissa lnder, p grund av patent eller upphovsrtlighet skyddade grnssnitt, kan upphovsmannen som placerar Biblioteket under den hr Licensen lgga till en uttrycklig geografisk spridningsklausul, enligt vilken distribution r tillten i lnder frutom dem i vilket det r frbjudet. Om s r fallet kommer begrnsningen att utgra en fullvrdig del av Licensen.

Free Software Foundation kan ge ut reviderade och/eller nya versioner av LGPL frn tid till annan. Sdana nya versioner kommer i sin helhet att pminna om nuvarande version, men kan skilja sig t i detaljer som berr nya problem eller vervganden.

Varje version ges ett srskiljande versionsnummer. Om Biblioteket anger ett versionsnummer av Licensen samt alla senare versioner kan du vlja mellan att flja villkoren enligt denna version eller valfri senare version som
utges av Free Software Foundation. Om Biblioteken inte anger ett licensversionsnummer kan du välja valfri version som ngonsin getts ut av Free Software Foundation.</para></sect2></para>

<sect2 id="sect14" label="14" title="Paragraf 14" subtitle=""

<para>Om du vill använta delar av Biblioteken i andra fria programvaror vars distributionsvillkor inte frfrenliga med dessa skall du skriva till upphovsmannen och begra tillstånd. Fr programvara dr Free Software Foundation har upphovsrtt, skriver du till Free Software Foundation. Vi gr ibland undantag fr detta. Vr beslut kommer att styras av tv nl, nmligen att bevara den fria statusen av alla verk som hrleds ur vr fria programvara samt att frmja delning och teranvndning av programvara i allmnhet.</para>

</sect2></sect2>

<sect2 id="sect15" label="15" title="INGEN GARANTI" subtitle="Paragraf 15" subtitle=""

<para>VEN OM BIBLIOTEKET LICENSIERAS UTAN KOSTNAD, GES INGEN GARANTI FR BIBLIOTEKET, UTOM SDAN GARANTI SOM MSTE GES ENLIGT GLLANDE LAGSTIFTNING. FRUTOM NR S SKRIFTLIGT ANGES, TILLHANDAHILLER UPPHOVSRTTTSINNEHAVAREN OCH/ELLER ANDRA PARTER BIBLIOTEKET I "BEFINTLIGT SKICK" (AS IS) UTAN GARANTI AV NGOT SLAG, VARKEN UTRYCKLIGA ELLER UNDERFRSTDDA, INKLUSIVE, MEN INTE BEGRNSAT TILL UNDERFRSTDDA GARANTIER VID KP OCH LMPLIGHEKT FR ETT VISST NDAML. HELA RISKEN FR KVALITET OCH ANVNDBARHET AV BIBLIOTEKET BRS AV DIG. OM BIBLIOTEKET SKULLJE VISA SIG BEHTAT MED FEL BR DU ALLA KOSTNADER FR FELETS AVHJLPANDE, REPARATION ELLER NDVNDIG SERVICE.</para>

</sect2></sect2>

<sect2 id="sect16" label="16" title="Paragraf 16" subtitle=""

<para>INTE I NGOT FALL, SVIDA INTE DET KRVS ENLIGT GLLANDE LAGSTIFTNING ELLER AVTALAS SKRIFTLIGT, SKALL EN UPPHOVSRTTTSINNEHAVARE ELLER ANNAN PART SOM KAN NDRA OCH/ELLER DISTRIBUERAR BIBLIOTEKET ENLIGT OVAH, VARA SKYLDIG UTGE ERSTTNING FR SKADA DU LIDER, INKLUSIVE ALLMN, DIREKT ELLER INDIREKT SKADA SOM FILER P GRUND AV ANVNNDNING AV, ELLER OMLIGHEKT ATT ANVNDA, BIBLIOTEKET (INKLUSIVE MEN INTE BEGRNSAT TILL FRLUST AV DATA, DATA SOM FRAMSTLLS FELAKTIGT, FRLUSTER SOM DU ELLER TREDJE MAN LIDER ELLER FEL I BIBLIOTEKET SOM GR ATT DET INTE FUNGERAR MED ANNAN PROGRAMVARA), VEN OM UPPHOVSRTTTSINNEHAVARE ELLER ANNAN PART HAR UDERRTTATS OM MJLIGHETEN TILL SDAN SKADA.</para>

</sect2></sect1></article>

# Finnish translation for GNU Lesser General Public License.
# Tommi Vainikainen <Tommi.Vainikainen@iki.fi>, 2005.
# Timo Jyrinki <timo.jyrinki@iki.fi>, 2008.
#
GNU Lesser General Public License

2000

Free Software Foundation, Inc.

Free Software Foundation

1999-02

"Free Software Foundation, Inc. <street>51 Franklin Street, Fifth Floor</street>, <city>Boston</city>, <state>MA</state><postcode>02110-1301</postcode> <country>USA</country>."
msgstr ""
"<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth </street>, <city>Boston</city>, <state>MA</state>< postcode>02110-1301</postcode><country>USA</country></address>.

#: lgpl.xml:43(para)
msgid ""
"Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed."
msgstr ""
"Tm lisenssisopimuksen kirjaimellinen kopioiminen ja levittminen on sallittu, mutta muuttaminen on kielletty.
"
"n"
"<warning><para>Tm on LGPL-lisenssin epvirallinen knns suomeksi. Tt knns ei ole julkaissut Free Software Foundation eik se mrit "oikeudellisesti sitovasti LGPL-lisenssi kyttvien ohjelmien levysehtoja "vain alkuperinen englanninkielinen LGPL-lisenssin teksti on oikeudellisesti "sitova. Toivomme kuitenkin, ett tm knns auttaa suomenkieltisi "ymmrtnn LGPL-lisenssi paremmin.</para></warning>"

#: lgpl.xml:48(releaseinfo)
msgid "Version 2.1, February 1999"
msgstr "Versio 2.1, helmikuu 1999"

#: lgpl.xml:51(para)
msgid ""
"The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users."
msgstr ""
"Yleens tietokoneohjelmien lisenssisopimukset on suunniteltu siten, ett ne estvt ohjelmien vapaan jakamisen ja muuttamisen. Sen sijaan GPL-lisenssit on suunniteltu takaamaan kytjin vapaus jakaa ja muuttaa ohjelmaa "lisenssi varmistaa, ett ohjelma on vapaan kaikille kytjille.""

#: lgpl.xml:61(title)
msgid "Preamble"
msgstr "Johdanto"

#: lgpl.xml:63(para)
msgid ""
"The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users."
msgstr ""
"Yleens tietokoneohjelmien lisenssisopimukset on suunniteltu siten, ett ne "
"When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things."

"Kun tss Lisenssiss puhutaan vapaasta ohjelmasta, silloin ei tarkoiteta hintaa. GPL-lisenssi on nimittin suunniteltu siten, ett kyttjille taataan vapaus levitt kopioita vapaista ohjelmista (ja pyyt halutessaan maksu tst palvelusta). GPL-lisenssi takaay mys sen, ett kyttj saa halutessaan ohjelman lhdekoodin, ett hn voi muuttaa ohjelmaa tai kytt osia siit omissa vapaisa ohjelmissaan, ja ett kaikkien niden toimien tiedetn olevan sallittuja."

"This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below."

"Kun tss Lisenssiss puhutaan vapaasta ohjelmasta, silloin ei tarkoiteta hintaa. GPL-lisenssi on nimittin suunniteltu siten, ett kyttjille taataan vapaus levitt kopioita vapaista ohjelmista (ja pyyt halutessaan maksu tst palvelusta). GPL-lisenssi takaay mys sen, ett kyttj saa halutessaan ohjelman lhdekoodin, ett hn voi muuttaa ohjelmaa tai kytt osia siit omissa vapaisa ohjelmissaan, ja ett kaikkien niden toimien tiedetn olevan sallittuja."
To protect your rights, we need to make restrictions that forbid "distributors to deny you these rights or to ask you to surrender these "rights. These restrictions translate to certain responsibilities for you if "you distribute copies of the library or if you modify it."

"To protect each distributor, we want to make it very clear that there is no "warranty for the free library. Also, if the library is modified by someone "else and passed on, the recipients should know that what they have is not "the original version, so that the original author's reputation will not be "affected by problems that might be introduced by others."
“Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.”

“Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.”

“When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.”

“We call this license the <quote>Lesser</quote> General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.”

We hope that you will support the development of free software and that you will support LPSF and similar organizations.”

"varmistettava, ett jokainen ymmrt, ett vapaalla kirjastolla ei ole "
"takuuta. Jos joku muuttaa kirjastoa ja levitt sen edelleen, kirjaston "
"vastaanottajien on tiedettv, ett heill ei ole alkuperist kirjastoa. "
"Joten mik tahansa ongelma, jonka muut ovat aikaansaaneet, ei vaikuta "
"alkuperisen tekijn maineeseen.”

#: lgpl.xml:130(para)
msgid ""
msgstr ""

#: lgpl.xml:139(para)
msgid ""
msgstr ""

#: lgpl.xml:148(para)
msgid ""
msgstr ""

#: lgpl.xml:158(para)
msgid ""
msgstr ""
"For example, on rare occasions, there may be a special need to encourage the "
"widest possible use of a certain library, so that it becomes a de-facto "
"standard. To achieve this, non-free programs must be allowed to use the "
"library. A more frequent case is that a free library does the same job as "
"widely used non-free libraries. In this case, there is little to gain by "
"limiting the free library to free software only, so we use the Lesser "
"General Public License."

msgid ""
msgid "In other cases, permission to use a particular library in non-free programs "
"enables a greater number of people to use a large body of free software. For "
"example, permission to use the GNU C Library in non-free programs enables "
"many more people to use the whole GNU operating system, as well as its "
"variant, the GNU/Linux operating system."

msgid ""
msgid "Although the Lesser General Public License is Less protective of the users' "
"freedom, it does ensure that the user of a program that is linked with the "
"Library has the freedom and the wherewithal to run that program using a "
"modified version of the Library."

msgid ""
msgid "The precise terms and conditions for copying, distribution and modification "
"follow. Pay close attention to the difference between a <quote>work based on "
"the library</quote> and a <quote>work that uses the library</quote>. The "
"former contains code derived from the library, whereas the latter must be "
"combined with the library in order to run."

msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr "Ehdot kopioimiselle, levittämiselle ja muuttamiselle"

msgid "Section 0"
msgstr "Kohta 0"

msgid "This License Agreement applies to any software library or other program "
"which contains a notice placed by the copyright holder or other authorized "
"party saying it may be distributed under the terms of this Lesser General "
"Public License (also called <quote>this License</quote>). Each licensee is "
"addressed as <quote>you</quote>.,"

msgstr ""

#: lgpl.xml:217(para)
msgid ""

"A <quote>library</quote> means a collection of software functions and/or "
"data prepared so as to be conveniently linked with application programs "
"(which use some of those functions and data) to form executables."

msgstr ""

#: lgpl.xml:223(para)
#, fuzzy
msgid ""

"The <quote>Library</quote>, below, refers to any such software library or "
"work which has been distributed under these terms. A <quote>work based on "
"the Library</quote> means either the Library or any derivative work under "
"copyright law: that is to say, a work containing the Library or a portion of "
"it, either verbatim or with modifications and/or translated "
"straightforwardly into another language. (Hereinafter, translation is "
"included without limitation in the term <quote>modification</quote>.)"

msgstr ""

"Ti Lisenssi sovelletaan kaikki ohjelmien tai muurin teoksiin, jotka "
"sisältää tekninen dokumentaation, jota ohjelmien kehittäjät "
"tapahtuvat GPL-lisenssin ehtojen mukaan. <quote>Ohjelma</quote> viittaa "
"kaikkiin tällaisiin ohjelmiin ja muihin teoksiin. <quote>Ohjelmaan "
"perustuvat ainekset on jokainen kehittäjä saanut teoksestaan "
"tekniikojen mukaan, toisinaan nopeammin, käännöksellisesti "
"teoksesta, mitä tarkoittaa, että se on teoksesta, joka "
"sisältää yleisesti teoksestaan, siirtyneen käännöksen "
"käännöksellisesti tai muutettuna, tai "
"toisella kielellä. (Tätä tarkoittaa "
"käännöksellisesti <quote>muutosta</quote>, <quote>Lisenssin saaja</quote> on se, "
"jolle ohjelma lisensoidaan."

#: lgpl.xml:233(para)
msgid ""

"<quote>Source code</quote> for a work means the preferred form of the work "
"for making modifications to it. For a library, complete source code means "
"all the source code for all modules it contains, plus any associated "
"interface definition files, plus the scripts used to control compilation and "
"installation of the library."

msgstr ""

"Teoksen <quote>lhdekoodi</quote> tarkoittaa sen suositeltavaa muotoa "
"muutosten tekemistä varten. Kirjaston työntekijöiden lhdekoodi "
"kaikkihdekoodia, kaikki ohjelma sisältää moduleihin ja liksi "
"kaikkein moduleihin sek skripteihin. "
"joilla hallitaan ajettavan teoksen asennusta ja kntmist."
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that "you changed the files and the date of any change."

Muuteltujen tiedostojen on sisältö jolla merkintä, josta ilmenee, kuka muutti tiedostot ja mitä aikaan.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then...
"this License, and its terms, do not apply to those sections when you "
distribute them as separate works. But when you distribute the same sections "
as part of a whole which is a work based on the Library, the distribution of "
the whole must be on the terms of this License, whose permissions for other "
licensees extend to the entire whole, and thus to each and every part "
regardless of who wrote it."

msgstr ""

"Nm ehdot koskevat muuteltua teosta kokonaisuudessaan. Jos yksilitvt "
"osat tst teoksesta eivt ole johdettuja Kirjastosta ja ne voidaan "
"perustellusti katsoa itsenisiksi ja erillisiksi teoksiksi, silloin tm "
"Lisenssi ja sen ehdot eivt kosne mit osia, kun niit levitetn "
"erillisin teoksina. Mutta jos samoja osia levitetn osana kokonaisuutta, "
"joka on Kirjastoon perustuva teos, tmn kokonaisuuden levittminen on "
"tapahduttava tmn Lisenssin ehtojen mukaan, jolloin tmn lisenssin ehdot "
"laajenevat kokonaisuuteen ja tten sen jokaiseen osaan riippumatta siit, "
"kuka ne on tehnyt ja mill lisensssiehdolilla."

#: lgpl.xml:332(para)
msgid ""
msgstr ""

"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Library."

msgstr ""

"Eli tmn Kohdan tarkoitus ei ole saada oikeuksia tai ottaa pois Lisenssin "
"saajan oikeuksia teoksen, jonka hn on kokonaan kirjoittanut; pikemminkin "
"tarkoitus on kytt oikeutta kontrolloida Kirjastoon perustuvien "
"jlkiperisteosten tai kollektiivisten teosten levittmist."

#: lgpl.xml:339(para)
msgid ""
msgstr ""

"In addition, mere aggregation of another work not based on the Library with "
"the Library (or with a work based on the Library) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."

msgstr ""

"Lisksi pelkk toisen teoksen, joka ei perustu Kirjastoon, liitminen "
"Kirjaston (tai Kirjastoon perustuvan teoksen) kanssa samalle tallennus- tai "
"jakeluvlineelle ei merkitse sit, ett toinen teos tulisi tmn Lisenssin "
"sitomaksi."

#: lgpl.xml:274(para)
msgid ""
msgstr ""

"You may modify your copy or copies of the Library or any portion of it, thus "
"forming a work based on the Library, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</" 
"link> above, provided that you also meet all of these conditions: "
"<placeholder-1/>"
Open Source Used In Data Center Network Manager 11 11.5(4) 6839

msgstr "Kirjastokopion tai kopioiden tai mink tahansa osan muuttaminen on sallittu."
"Kun kirjastoa muutetaan, muodostuu Kirjastoon perustuva teos. Lisenssin"
"saajalla on lupa kopioida ja levittävät muutoksia ja Kirjastoon"
"perustuvaa teosta ehdolla, että ensimmäinen kopioidaan työtä ja lisäksi vielä seuraavat:
"<placeholder-1/>

#: lgpl.xml:352(title)
msgid "Section 3"
msgstr "Kohta 3"

#: lgpl.xml:354(para)
msgid "You may opt to apply the terms of the ordinary GNU General Public License"
"instead of this License to a given copy of the Library. To do this, you must"
"alter all the notices that refer to this License, so that they refer to the"
"ordinary GNU General Public License, version 2, instead of to this License."
"(If a newer version than version 2 of the ordinary GNU General Public"
"License has appeared, then you can specify that version instead if you"
"wish.) Do not make any other change in these notices."

msgstr ""

#: lgpl.xml:365(para)
msgid "Once this change is made in a given copy, it is irreversible for that copy,"
"so the ordinary GNU General Public License applies to all subsequent copies"
"and derivative works made from that copy."

msgstr ""

#: lgpl.xml:371(para)
msgid "This option is useful when you wish to copy part of the code of the Library"
"into a program that is not a library."

msgstr ""

#: lgpl.xml:378(title)
msgid "Section 4"
msgstr "Kohta 4"

#: lgpl.xml:380(para)
#, fuzzy
msgid "You may copy and distribute the Library (or a portion or derivative of it,"
"under <link linkend="sect2">Section 2</link>) in object code or"
"executable form under the terms of Sections <link linkend="sect1">1</link>"
"and <link linkend="sect2">2</link> above provided that you accompany it"
"with the complete corresponding machine-readable source code, which must be"
"distributed under the terms of Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above on a medium customarily used for "
"software interchange."

msgid ""
"Lisenssin saajalla on oikeus kopioida ja levitt Kirjastoa (ta siihen "
"perustuva teosta, <link linkend="sect2">2</link>mukaisesti) "
"objektikoodina tai ajettavassa muodossa yll esitettyjen <link linkend="sect1">1</link> ja <link linkend="sect2">2</link> mukaisesti "
edellytten lisksi, ett yksi seuraavista ehdoista on tytetty:
"<placeholder-1/>
"<placeholde-1/>"

#: lgpl.xml:392(para)
msgid ""
"If distribution of object code is made by offering access to copy from a "
"designated place, then offering equivalent access to copy the source code "
"from the same place satisfies the requirement to distribute the source code, "
"even though third parties are not compelled to copy the source along with "
"the object code."

msgid ""
"Jos ajettavan tai objektikoodin levittminen tehdn tarjoamalla psy "
"tietys paikassa olevaan kopioon, tllin tarjoamallla vastaavasti psy "
"samassa paikassa olevaan lhdekoodin luetaan lhdekoodin levittmiseksi, "
"vaikka kolmansia osapuolia ei pakotettaisi kopioimaan lhdekoodia "
"objektikoodin mukana."

#: lgpl.xml:403(title)
msgid "Section 5"
msgid "Kohta 5"

#: lgpl.xml:405(para)
msgid ""
"A program that contains no derivative of any portion of the Library, but is "
"designed to work with the Library by being compiled or linked with it, is "
called a <quote>work that uses the Library</quote>. Such a work, in "
isolation, is not a derivative work of the Library, and therefore falls "
"outside the scope of this License."

msgid ""
"However, linking a <quote>work that uses the Library</quote> with the "
"Library creates an executable that is a derivative of the Library (because "
it contains portions of the Library), rather than a <quote>work that uses "
"the library</quote>. The executable is therefore covered by this License. "
"<link linkend="sect6">Section 6</link> states terms for distribution of "
such executables."
"When a work that uses the Library uses material from a header "
"file that is part of the Library, the object code for the work may be a "
"derivative work of the Library even though the source code is not. Whether "
"this is true is especially significant if the work can be linked without the "
"Library, or if the work is itself a library. The threshold for this to be "
"true is not precisely defined by law."

"If such an object file uses only numerical parameters, data structure "
"layouts and accessors, and small macros and small inline functions (ten "
"lines or less in length), then the use of the object file is unrestricted, "
"regardless of whether it is legally a derivative work. (Executables "
"containing this object code plus portions of the Library will still fall "
"under Section 6.)"

"Otherwise, if the work is a derivative of the Library, you may distribute "
"the object code for the work under the terms of Section 6. Any executables containing that work also fall under "
"Section 6, whether or not they are linked "
"directly with the Library itself."

"As an exception to the Sections above, you may also combine or link a "
"work that uses the Library with the Library to produce a work "
"containing portions of the Library, and distribute that work under terms of "
"your choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications."

"Accompany the work with the complete corresponding machine-readable source "
"code for the Library including whatever changes were used in the work (which "
"must be distributed under Sections 1 and 2) above; and, if the work is an executable "
linked with the Library, with the complete machine-readable <quote>work that </quote> uses the Library <quote>, as object code and/or source code, so that the <quote>user can modify the Library and then relink to produce a modified executable </quote> containing the modified Library. (It is understood that the user who changes <quote>the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions."

msgstr ""

#: lgpl.xml:489(para)
msgid ""
"Use a suitable shared library mechanism for linking with the Library. A " "suitable mechanism is one that (1) uses at run time a copy of the library " "already present on the user's computer system, rather than copying library " "functions into the executable, and (2) will operate properly with a modified " "version of the library, if the user installs one, as long as the modified " "version is interface-compatible with the version that the work was made with."

msgstr ""

#: lgpl.xml:500(para)
msgid ""
"Accompany the work with a written offer, valid for at least three years, to " "give the same user the materials specified in <link linkend="sect6a" "">Subsection 6a</link> , above, for a charge no more than the cost of " "performing this distribution."

msgstr ""

#: lgpl.xml:509(para)
#, fuzzy
msgid ""
"If distribution of the work is made by offering access to copy from a " "designated place, offer equivalent access to copy the above specified " "materials from the same place." 

msgstr ""
"Jos ajettavan tai objektikoodin levittminen tehdn tarjoamalla psy " "tietyss paikassa olevaan kopioon, tllin tarjoamalla vastaavasti psy " "samassa paikassa olevaan lhdekooodin luetaan lhdekooodin levittmiseksi, " "vaikka kolmansia osapuolia ei pakotettaisi kopioimaan lhdekooodia " "objektikoodin mukana." 

#: lgpl.xml:516(para)
msgid ""
"Verify that the user has already received a copy of these materials or that " "you have already sent this user a copy."

msgstr ""

#: lgpl.xml:462(para)
msgid ""
"You must give prominent notice with each copy of the work that the Library "
"is used in it and that the Library and its use are covered by this License."
"You must supply a copy of this License. If the work during execution"
"displays copyright notices, you must include the copyright notice for the"
"Library among them, as well as a reference directing the user to the copy of"
"this License. Also, you must do one of these things: <placeholder-1/>"
msgstr"

#: lgpl.xml:524(para)
#, fuzzy
msgid"
"For an executable, the required form of the <quote>work that uses the"
"Library</quote> must include any data and utility programs needed for"
"reproducing the executable from it. However, as a special exception, the"
"materials to be distributed need not include anything that is normally"
"distributed (in either source or binary form) with the major components"
"(compiler, kernel, and so on) of the operating system on which the"
"executable runs, unless that component itself accompanies the executable."
msgstr"

"Teoksen lhdekoodi tarkoittaa sen suositeltavaa muotoa muutosten tekemist"
"varten. Ajettavan teoksen tydellinen lhdekoodi tarkoittaa kaikkea"
"Lhdekoodia kaikkiin teoksen sisltiin moduleihin ja likski kaikkiin sen"
"mukana seuraaviin kytitlittytiedostoihin sek skripteihin, joilla"
"hallitaa ajettavan teoksen asennusta ja kntmist. Kuitenkin ertyisen"
"poikkeuksena levitetyn lhdekoodin ei tarvitse sislt miin sellaista,"
"mik yleens levitetn (joko lhdekoodi- tai binrimuodossa)"
"kyttjstelmn pkomponenttien (kntj, ydin, jne.) mukana, joiden"
"pll teosta ajetaan, ellei tlinnen komponentti tule ajettavan teoksen"
"mukana."

#: lgpl.xml:535(para)
msgid"
"It may happen that this requirement contradicts the license restrictions of"
"other proprietary libraries that do not normally accompany the operating"
"system. Such a contradiction means you cannot use both them and the Library"
"together in an executable that you distribute."
msgstr"

#: lgpl.xml:546(title)
msgid "Section 7"
msgstr "Kohta 7"

#: lgpl.xml:548(para)
msgid"
"You may place library facilities that are a work based on the Library side-"
"by-side in a single library together with other library facilities not"
"covered by this License, and distribute such a combined library, provided"
"that the separate distribution of the work based on the Library and of the"
"other library facilities is otherwise permitted, and provided that you do"
"these two things:
msgstr ""

#: lgpl.xml:559(para)
msgid ""
"Accompany the combined library with a copy of the same work based on the 
"Library, uncombined with any other library facilities. This must be 
"distributed under the terms of the Sections above."
msgstr ""

#: lgpl.xml:567(para)
msgid ""
"Give prominent notice with the combined library of the fact that part of it 
"is a work based on the Library, and explaining where to find the 
"accompanying uncombined form of the same work."
msgstr ""

#: lgpl.xml:577(title)
msgid "Section 8"
msgstr "Kohta 8"

#: lgpl.xml:579(para)
msgid ""
"You may not copy, modify, sublicense, link with, or distribute the Library 
"except as expressly provided under this License. Any attempt otherwise to 
"copy, modify, sublicense, link with, or distribute the Library is void, and 
"will automatically terminate your rights under this License. However, 
"parties who have received copies, or rights, from you under this License 
"will not have their licenses terminated so long as such parties remain in 
"full compliance."
msgstr ""
"Kirjaston kopioiminen, muuttaminen, lisensointi edelleen tai Kirjaston 
"levittäminen muuten kuin tmm Lisenssin ehtojen mukaisesti on kielletty. 
"Kaikki yritykset muulla tavoin kopioida, muuttaa, lisensoida edelleen tai 
"levittävät Kirjastoa ovat pitemmiltä ja johtavat automaattisesti tmm 
"Lisenssin mukaisten oikeuksien pittymiseen. Sen sijaan ne, jotka ovat 
"saaneet kopiointia tai oikeuksia Lisenssin saajalta tmm Lisenssin ehtojen 
"mukaisesti, eivät menet saamiaan lisensoituja oikeuksia niin kauan kuin he 
"noudattavat niitä ehtoja."

#: lgpl.xml:591(title)
msgid "Section 9"
msgstr "Kohta 9"

#: lgpl.xml:593(para)
msgid ""
"You are not required to accept this License, since you have not signed it. 
"However, nothing else grants you permission to modify or distribute the 
"
"Library or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Library (or any work based on the Library), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Library or works based on it."

msgid ""
msgstr ""
"Lisenssin saajalta ei vaadita tnn Lisenssin hyvksymist, koska siit "
"puuttuu allekirjoitus. Kuitenkaan miin muu ei salli Lisenssin saajaa "
"muuttaa tai levitt Kirjastoa tai sen jlkiperisteosta. Nn toimenpiteet "
"ovat lailla kielettyj siin tapauksessa, ett Lisenssi saaja ei hyvksy "
"tt Lisenssi. Niinp muuttamalla tai levittml Kirjastoa (tai Kirjastoon "
"perustuva teosta) Lisenssin saaja ilmaisee hyvksyn tnn Lisenssin ja "
"kaikki sen ehdot sek edellytykset Kirjaston ja siihen perustuvien teosten "
"kopioimiselle, levittmiselle ja muuttamiselle."

#: lgpl.xml:606(title)
msgid "Section 10"
msgstr "Kohta 10"

#: lgpl.xml:608(para)
msgid ""
msgstr ""
"Each time you redistribute the Library (or any work based on the Library), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute, link with or modify the Library subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties with this License."

msgid ""
msgstr ""
"Aina kun Kirjastoa (tai Kirjastoon perustuvaa teosta) levitetn, "
"vastaanottaja saa automaattisesti alkuperiselt tekijlt lisenssin "
"kopioida, levitt ja muuttaa Kirjastoa niden ehtojen ja edellytysten "
"sitomina. Vastaanottajalle ei saa asettaa mitn lisrajoitteita tss "
"anettujen oikeuksien kytst. Lisenssin saajalla ei ole vastuuta valvoa "
"noudattavatko kolmannet osapuolet tt Lisenssi."

#: lgpl.xml:620(title)
msgid "Section 11"
msgstr "Kohta 11"

#: lgpl.xml:622(para)
msgid ""
msgstr ""
"If, as a consequence of a court judgment or allegation of patent "
"infringement or for any other reason (not limited to patent issues), "
"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
"excuse you from the conditions of this License. If you cannot distribute so "
"as to satisfy simultaneously your obligations under this License and any "
"other pertinent obligations, then as a consequence you may not distribute "
"the Library at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Library by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Library.
msgstr ""
"Jos oikeuden pts tai vite patentin loukkauksesta tai jokin muu syy "
"(rajoittumatta patenttikysymyksiin) asettaa Lisenssin saajalle ehtoja (olipa "
"niiden alkuver sitten tuomio, sopimus tai jokin muu), jotka ovat vastoin "
"nit lisenssiehtoja, ne eivt anna oikeutta poiketa tst Lisenssist. Jos "
"levittimeni ei ole mahdollista siten, ett samanaikaisesti toimitaan sek "
"tmn Lisenssin ett joidenkin muiden rajoittavien velvoitteiden mukaisesti, "
"tllin Kirjastoa ei saa lainkaan levitt. Jos esimerkiksi jokin "
"patenttilisenssi ei sali kaikille niille, jotka saavat Kirjaston Lisenssin "
"saajalta joko suoraan tai epsuorasti, Kirjaston levittmist edelleen ilman "
"rojaltimaksuja, tllin ainut tapa tytt sek patenttilisenssiin ett tmn "
"Lisenssin ehdot on olla levittmt Kirjastoa lainkaan."

#: lgpl.xml:637(par)
msgid ""
"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply, "
"and the section as a whole is intended to apply in other circumstances."
msgstr ""
"Jos jokin osa tst kohdasta katsotaan ptemttmksi tai mahdottomaksi "
"vahvistaa oikeudessa joissakin tietyiss olosuhteissa, silloin tt kohtaa "
"on tarkoitus soveltua ptevin osin ja muissa olosuhteissa kokonaisuudessaan."

#: lgpl.xml:643(par)
msgid ""
"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
msgstr ""
"Tmn kohdan tarkoitus ei ole johtaa siihen, ett Lisenssin saaja rikkoisi "
"mitn patenttia tai muuta varallisuusluettua tai vitt mitn niden "
"oikeuksien ptevyyst; tmn kohdan ainoana tarkoituksenha on suojata "
"vapaiden ohjelmien levitysrjestelmn yhtenisyys, joka on luotu "
"kyttnill yleisi lisenssej. Monet ovat antaneet arvokkaan panoksensa "
"mit erilaisiimpin ohjelmii, joita levitetn tss jirjestelms luottaen "
"sen soveltamisen pysyvyteen; on jokaisen tekij ja lahjoittajan "
"ptsvallassa haluaako hn levitt ohjelmia jossakin muussa jirjestelms "

---
"ja Lisenssin saaja ei voi vaikuttaa tähän valintaan."

#: lgpl.xml:656(para)
msgid ""
msgstr ""
"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."
msgstr ""
"Tämä kohdan tarkoituksena on tehdä täysin selväksi se, mik on tnm "
"Lisenssin muiden osien seurauks." 

#: lgpl.xml:663(title)
msgid "Section 12"
msgstr "Kohta 12"

#: lgpl.xml:665(para)
msgid ""
msgstr ""
"If the distribution and/or use of the Library is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Library under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded. "
"In such case, this License incorporates the limitation as if written in the "
"body of this License."
msgstr ""
"Jos patentit tai tekijänoikeudella suojaatut kytettävät rajottavat "
"Kirjaston levittämisstä tai kytkettävästä valtioissa, Kirjaston "
"alkuperäinen tekijä, joka lisensiointaa ohjelman tällä Lisenssill, voi "
"asettaa nimenomaista maantieteellistä levitysrajoituksia, jolloin "
"levittäminen on sallittu joko mukaan- tai poislukien niin valtiot. "
"Tällä oikeuttena ntm rajoitukset otetaan huomioon kuin ne olisi "
"kirjoitettu tnm Lisenssin sekaan." 

#: lgpl.xml:677(title)
msgid "Section 13"
msgstr "Kohta 13"

#: lgpl.xml:679(para)
msgid ""
msgstr ""
"The Free Software Foundation may publish revised and/or new versions of the "
"Lesser General Public License from time to time. Such new versions will be "
"similar in spirit to the present version, but may differ in detail to "
"address new problems or concerns."
msgstr ""
"Free Software Foundation voi julkaista korjattuja tai uusia versioita LGPL "
"lisenssistä aina ajoin. Niden uusien versioiden henki on yhtenev nykyisen "
"version kanssa, mutta ne saattavat erotta yksityiskohdissa ottaen huomioon "
"uusia ongelmia ja huolenaiheita."
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"<quote>any later version</quote>, you have the option of following the terms "
"and conditions either of that version or of any later version published by "
"the Free Software Foundation. If the Library does not specify a license "
"version number, you may choose any version ever published by the Free "
"Software Foundation."

"Jokaiselle versiolle annetaan ne muista erottava versionumero. Jos Kirjasto "
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<sect1 id="fdl-section4" label="4">
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"To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it."

"For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights."

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"Para proteger sus derechos necesitamos algunas restricciones que prohíban a cualquiera negarle a usted estos derechos o pedirle que renuncie a ellos. Estas restricciones se traducen en ciertas obligaciones que le afectan si distribuye copias de la biblioteca, o si la modifica."

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We protect your rights with a two-step method: (1) we copyright the library, 
"and (2) we offer you this license, which gives you legal permission to copy, "
"distribute and/or modify the library."

Protegemos sus derechos con la combinación de dos medidas: 
"(1) Derechos de copia de la biblioteca (copyright), y 
"(2) le ofrecemos esta licencia, que le da permiso legal para copiar, "
"distribuir y/o modificar la biblioteca."

To protect each distributor, we want to make it very clear that there is no 
"warranty for the free library. Also, if the library is modified by someone ”
"else and passed on, the recipients should know that what they have is not ”
"the original version, so that the original author's reputation will not be "
"affected by problems that might be introduced by others."

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"no existe garantía para la biblioteca libre. Además, si la biblioteca es "
"modificada por alguien y se transmite, los receptores deberán saber que lo "
"que ellos tienen no es la versión original, de forma que la reputación del "
"autor original no se vea afectada por problemas que podrán ser introducidos "
"por otros."

Finally, software patents pose a constant threat to the existence of any "
"free program. We wish to make sure that a company cannot effectively "
"restrict the users of a free program by obtaining a restrictive license from "
"a patent holder. Therefore, we insist that any patent license obtained for a "
"version of the library must be consistent with the full freedom of use "
"specified in this license."

Finalmente, cualquier programa libre está constantemente amenazado por "
"patentes sobre el software. Queremos evitar el peligro de que una compañía "
"no pueda restringir efectivamente a los usuarios de un programa libre "
"obteniendo una licencia restrictiva de un propietario de una patente. Para "
"evitar esto, insistimos en que cualquier licencia de patente obtenida por "
"una versión de la biblioteca deba ser consistente con la completa libertad "
"de uso especificada en esta licencia."

Most GNU software, including some libraries, is covered by the ordinary GNU "
"General Public License. This license, the GNU Lesser General Public License,"
"applies to certain designated libraries, and is quite different from the "

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"ordinary General Public License. We use this license for certain libraries "
"in order to permit linking those libraries into non-free programs."
"La mayora del software de GNU, incluyendo algunas bibliotecas, estn "
"cubiertos por la Licencia Licencia Pblica General ordinaria. Esta licencia, "
"la GNU Licencia Pblica General Menor, se aplica a ciertas bibliotecas "
"designadas, y es un poco diferente de la Licencia Pblica General. Usamos "
"esta licencia para ciertas bibliotecas con el fin de permitir enlazar esas "
"bibliotecas en programas no libres."

#: C/index.docbook:148(sect1/para)
msgid ""
msgstr ""
"When a program is linked with a library, whether statically or using a "
"shared library, the combination of the two is legally speaking a combined "
"work, a derivative of the original library. The ordinary General Public "
"License therefore permits such linking only if the entire combination fits "
"its criteria of freedom. The Lesser General Public License permits more lax "
"criteria for linking other code with the library."
"Cuando un programa est enlazado con una biblioteca, ya sea estticamente o "
"usando una biblioteca compartida, la combinacin de los des es hablando "
"legalmente un trabajo combinado, una derivacin de la biblioteca original. "
"La Licencia Pblica General entonces permite dicho enlazado slo si la "
"combinacin entera cumple con este criterio de libertad. La Licencia Pblica "
"General Menor permite un criterio ms relajado para enlazar otro cdigo con "
"la biblioteca."

#: C/index.docbook:158(sect1/para)
msgid ""
msgstr ""
"We call this license the <quote>Lesser</quote> General Public License "
"because it does Less to protect the user's freedom than the ordinary General "
"Public License. It also provides other free software developers Less of an "
"advantage over competing non-free programs. These disadvantages are the "
"reason we use the ordinary General Public License for many libraries. "
"However, the Lesser license provides advantages in certain special "
"circumstances."
"Llamamos a esta licencia Licencia Pblica General <quote>Menor</quote> "
"porque hace Menos para proteger la libertad del usuario que la Licencia "
"Licencia Pblica General ordinaria. Tambin proporciona otros "
"desarrolladores de software libre Menos de las ventajas respecto a competir "
"con programas que no sean software libre. Estas desventajas son la razn por "
"la que usamos la licencia Licencia Pblica General para muchas bibliotecas. "
"Sin embargo, la licencia Menor proporciona ventajas en ciertas "
"circunstancias especiales."

#: C/index.docbook:168(sect1/para)
msgid ""
"For example, on rare occasions, there may be a special need to encourage the 
"widest possible use of a certain library, so that it becomes a de-facto 
"standard. To achieve this, non-free programs must be allowed to use the 
"library. A more frequent case is that a free library does the same job as 
"widely used non-free libraries. In this case, there is little to gain by 
"limiting the free library to free software only, so we use the Lesser 
"General Public License."

msgid "
"Por ejemplo, en raras ocasiones puede haber una necesidad especial de 
"fomentar lo ms ampliamente posible el uso de una determinada biblioteca, de 
"forma que esta se convierta en un estndar. Para conseguir esto, se debe 
"permitir a los programas no libres el uso de estas bibliotecas. Un caso ms 
"frecuente es aquel en el que una biblioteca libre hace el mismo trabajo que 
"el que realizan las bibliotecas no libres ms ampliamente usadas. En este 
"caso, hay poco que ganar limitando la biblioteca nicamente al software 
"libre, de manera que usamos la Licencia Pblica General Menor."

#: C/index.docbook:178(sect1/para)
msgid "
"In other cases, permission to use a particular library in non-free programs 
"enables a greater number of people to use a large body of free software. For 
"example, permission to use the GNU C Library in non-free programs enables 
"many more people to use the whole GNU operating system, as well as its 
"variant, the GNU/Linux operating system."

msgid "
"En otros casos, el permiso para usar una biblioteca determinada en programas 
"no libres posibilita a un mayor nmero de gente a usar una gran cantidad de 
"software libre. Por ejemplo, el permiso para utilizar la biblioteca GNU C en 
"programas no libres posibilita a mucha ms gente a usar al completo el 
"sistema operativo GNU, as como su variante, el sistema operativo GNU/LINUX."

#: C/index.docbook:187(sect1/para)
msgid "
"Although the Lesser General Public License is Less protective of the users' 
"freedom, it does ensure that the user of a program that is linked with the 
"Library has the freedom and the wherewithal to run that program using a 
"modified version of the Library."

msgid "
"Aunque la Licencia Pblica General Menor es menos protectora para las 
"libertades del usuario, asegura que el usuario de un programa que est 
"enlazado con la biblioteca tiene la libertad y los medios para ejecutar ese 
"programa usando una versin modificada de la biblioteca."

#: C/index.docbook:194(sect1/para)
msgid "
"The precise terms and conditions for copying, distribution and modification 
"follow. Pay close attention to the difference between a <quote>work based on 
"the library</quote> and a <quote>work that uses the library</quote>. The "

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"former contains code derived from the library, whereas the latter must be "
"combined with the library in order to run."

msgid ""

"Los terminos y las condiciones exactas para la copia, distribucion y "
"modificacion se indican a continuacion. Preste especial atencion a la "
"diferencia entre un <quote>trabajo basado en la biblioteca</quote> y un "
"<quote>trabajo que utiliza la biblioteca</quote>. El primero contieneodigo "
"derivado de la biblioteca, mientras que el ultimo debe estar unido con la "
"biblioteca para ser ejecutado."

msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"

msgid ""

"This License Agreement applies to any software library or other program "
"which contains a notice placed by the copyright holder or other authorized "
"party saying it may be distributed under the terms of this Lesser General "
"Public License (also called <quote>this License</quote>). Each licensee is "
"addressed as <quote>you</quote>."

msgid ""

"Este Acuerdo de Licencia se aplica a cualquier biblioteca de software u otro "
"programa que contenga una notificacion colocada por el poseedor del "
"copyright u otra parte autorizada diciendo que puede distribuirse bajo los "
"terminos de la licencia Licencia Publica General Menor (tambien llamada "
"<quote>esta Licencia</quote>). Cada licenciatario sera referido como "
"<quote>Usted</quote>."

msgid ""

"A <quote>library</quote> means a collection of software functions and/or "
"data prepared so as to be conveniently linked with application programs "
"(which use some of those functions and data) to form executables."

msgid ""

"Una <quote>biblioteca</quote> significa unaleccion de funciones y/o datos "
"de software, preparados para ser enlazados de una forma cmoda con programas "
"de aplicacion (que usan algunas de estas funciones y datos) para formar "
"ejecutables."

msgid ""

"The <quote>Library</quote>, below, refers to any such software library or "
"work which has been distributed under these terms. A <quote>work based on "
"the Library" means either the Library or any derivative work under "copyright law: that is to say, a work containing the Library or a portion of "it, either verbatim or with modifications and/or translated "straightforwardly into another language. (Hereinafter, translation is "included without limitation in the term "modification")."
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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

Debe hacer que los ficheros modificados lleven avisos llamativos, declarando que usted cambió los ficheros y la fecha de cualquier cambio.

Section 2

The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

Debe hacer que los ficheros modificados lleven avisos llamativos, declarando que usted cambió los ficheros y la fecha de cualquier cambio.
"You must cause the whole of the work to be licensed at no charge to all "
"third parties under the terms of this License."

msgstr ""
"Debe hacer que a todo el trabajo le sea concedida una licencia, sin cargo a "
"terceras partes, bajo los términos de esta Licencia."

#: C/index.docbook:300(listitem/para)
msgid ""
"If a facility in the modified Library refers to a function or a table of "
"data to be supplied by an application program that uses the facility, other "
"than as an argument passed when the facility is invoked, then you must make "
"a good faith effort to ensure that, in the event an application does not "
"supply such function or table, the facility still operates, and performs "
"whatever part of its purpose remains meaningful."

msgstr ""
"Si una facilidad en la Biblioteca modificada se refiere a una funcion o a "
"una tabla de datos, que deba ser suministrada por un programa de aplicacion "
"que usa la facilidad de otra manera que como un argumento pasado cuando la "
"facilidad es invocada, entonces debe hacer un esfuerzo de buena fe para "
"asegurar que, en caso de que una aplicacion no suministre tal funcion o "
"tabla, la facilidad aun funcione y haga que cualquier parte de su finalidad "
"siga siendo significativa."

#: C/index.docbook:310(listitem/para)
msgid ""
"(For example, a function in a library to compute square roots has a purpose "
"that is entirely well-defined independent of the application. Therefore, "
"Subsection 2d requires that any application-supplied function or table used "
"by this function must be optional: if the application does not supply it, "
"the square root function must still compute square roots.)"

msgstr ""
"(Por ejemplo, una funcion en una biblioteca para computar races cuadradas "
"tiene un propuesto que est bien definido completamente, independientemente "
"de la aplicacion. Por tanto, la Subseccion 2d exige que cualquier funcin o "
"tabla suministrada por la aplicacion y usada por esa funcin debe ser "
"opcional: si la aplicacion no la suministra, la funcin raz cuadrada debe "
"seguir computando races cuadradas)."

#: C/index.docbook:319(listitem/para)
msgid ""
"These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Library, and can be "
"reasonably considered independent and separate works in themselves, then "
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Library, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."
msgstr ""
"Estos requisitos se aplican al trabajo modificado como un todo. Si hay "
"secciones identificables de ese trabajo que no derivan de la Biblioteca, y "
"se pueden considerar razonablemente independientes y trabajos separados, por "
"ellas mismas, entonces esta Licencia y sus trminos, no se aplicarn a "
"aquellos secciones cuando usted los distribuya como trabajos separados. Pero "
"cuando usted distribuya las mismas secciones como parte de un todo, que sea "
"un trabajo basado en la Biblioteca, la distribucin del todo debe estar bajo "
"los trminos de esta Licencia cuyos permisos para otros licenciatarios se "
"extienden a todo el conjunto, y as para todas y cada una de las partes, sin "
"tener en cuenta quien las escrib."

#: C/index.docbook:332(listitem/para)
msgid ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Library."
msgstr ""
"As pues, la intencin de esta seccin no es exigir derechos o discutir los "
"derechos de un trabajo escrito completamente por usted; ms bien, la "
"intencin es ejercer el derecho a controlar la distribucin de trabajos "
"derivados o colectivos basados en la Biblioteca."

#: C/index.docbook:339(listitem/para)
msgid ""
"In addition, mere aggregation of another work not based on the Library with "
"the Library (or with a work based on the Library) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."
msgstr ""
"Adems, la mera agregacin de otro trabajo no basado en la Biblioteca con la "
"Biblioteca (o con un trabajo basado en la Biblioteca) en un volumen de "
"almacenaje o en un medio de distribucin, no pone al otro trabajo bajo los "
"objetivos de esta Licencia."

#: C/index.docbook:274(sect2/para)
msgid ""
"You may modify your copy or copies of the Library or any portion of it, thus "
"forming a work based on the Library, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</" "
"link> above, provided that you also meet all of these conditions: <_: "
"orderedlist-1/>"
msgstr ""
"Puede modificar su copia o copias de la Biblioteca o de cualquier parte de "
"ella, formando as un trabajo basado en la Biblioteca, y copiar y distribuir "
"tales modificaciones o trabajo bajo los trminos de la <link linkend=""
"\"sect1\"">Seccin 1</link> de arriba, siempre que usted tambin cumpla con "
todas estas condiciones: <_/orderedlist-1/>"

#: C/index.docbook:352(sect2/title)
msgid "Section 3"
msgstr "Seccin 3"

#: C/index.docbook:354(sect2/para)
msgid ""
msgstr "You may opt to apply the terms of the ordinary GNU General Public License "
"instead of this License to a given copy of the Library. To do this, you must "
"alter all the notices that refer to this License, so that they refer to the "
"ordinary GNU General Public License, version 2, instead of to this License. "
"(If a newer version than version 2 of the ordinary GNU General Public "
"License has appeared, then you can specify that version instead if you "
"wish.) Do not make any other change in these notices."
msgstr ""
"Usted puede optar por aplicar a una determinada copia de la Biblioteca, los "
"trminos de la Licencia Pblica General GNU ordinaria en vez de los de esta "
"Licencia. Para hacer esto, debe alterar todas las notificaciones que se "
"refieren a esta Licencia, para que se refieran a la Licencia Pblica General "
"GNU ordinaria, versin 2, en vez de a esta Licencia. (Si ha aparecido una "
"versin ms reciente que la versin 2 de la Licencia Pblica General GNU "
"ordinaria, entonces, si quiere, puede especificar esa nueva versin). No "
"haga ningn otro cambio en estas notificaciones."

#: C/index.docbook:365(sect2/para)
msgid ""
msgstr "Once this change is made in a given copy, it is irreversible for that copy, "
"so the ordinary GNU General Public License applies to all subsequent copies "
"and derivative works made from that copy."
msgstr ""
"Una vez que se haya hecho este cambio en una copia dada, es irreversible "
"para esa copia, de modo que la Licencia Pblica General GNU ordinaria se "
"aplica a todas las copias siguientes y a trabajos derivados realizados a "
"partir de esa copia."

#: C/index.docbook:371(sect2/para)
msgid ""
msgstr "This option is useful when you wish to copy part of the code of the Library "
"into a program that is not a library."
msgstr ""
"Esta opcin es til cuando usted quiere copiar parte del cdigo de la "
"Biblioteca dentro de un programa que no es una biblioteca."

#: C/index.docbook:378(sect2/title)
msgid "Section 4"
msgstr "Seccin 4"
You may copy and distribute the Library (or a portion or derivative of it, "under Section 2") in object code or "executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for "software interchange."

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library." Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

Un programa que no contiene derivado de ninguna porción de la Biblioteca, "pero está diseñado para trabajar con la Biblioteca al ser compilado o "enlazado con ella, se denomina un "trabajo que usa la Biblioteca."
"quote> . Dicho trabajo, por separado, no es un trabajo derivado de la "
"Biblioteca, y por tanto cae fuera del mbito de esta Licencia."

#: C/index.docbook:413(sect2/para)
msgid ""
"However, linking a <quote>work that uses the Library</quote> with the "
"Library creates an executable that is a derivative of the Library (because "
"it contains portions of the Library), rather than a <quote>work that uses "
"the library</quote>. The executable is therefore covered by this License. "
"<link linkend="sect6">Section 6</link> states terms for distribution of "
"such executables."
msgstr ""
"Sin embargo, enlazar un <quote>trabajo que usa la Biblioteca</quote> con la "
"Biblioteca, crea un executable que es un derivado de la Biblioteca (porque "
"contiene porciones de la Biblioteca), . en vez de un <quote>trabajo que usa "
"la Biblioteca</quote>. El executable est por tanto cubierto por esta "
"Licencia. La <link linkend="sect6">Seccin 6</link> expone los trminos "
"para la distribucin de tales ejecutables."

#: C/index.docbook:422(sect2/para)
msgid ""
"When a <quote>work that uses the Library</quote> uses material from a header "
"file that is part of the Library, the object code for the work may be a "
"derivative work of the Library even though the source code is not. Whether "
"this is true is especially significant if the work can be linked without the "
"Library, or if the work is itself a library. The threshold for this to be "
"true is not precisely defined by law."
msgstr ""
"Cuando un <quote>trabajo que usa la Biblioteca</quote> utiliza material de "
"un fichero cabecera que forma parte de la Biblioteca, el cdigo objeto del "
"trabajo puede ser un trabajo derivado de la Biblioteca aunque el cdigo "
"fuente no lo sea. Que esto sea cierto es especialmente significativo si el "
"trabajo puede ser enlazado sin la Biblioteca, o si el trabajo es por si "
"mismo una biblioteca. El lmite para que esto sea cierto no est definido "
"con precisin por la ley."

#: C/index.docbook:431(sect2/para)
msgid ""
"If such an object file uses only numerical parameters, data structure "
"layouts and accessors, and small macros and small inline functions (ten "
"lines or less in length), then the use of the object file is unrestricted, "
"regardless of whether it is legally a derivative work. (Executables "
"containing this object code plus portions of the Library will still fall "
"under <link linkend="sect6">Section 6</link>.)"
msgstr ""
"Si dicho fichero objeto utiliza solo parmetros numricos, esquema de "
"estructura de datos, y pequeas macros y pequeas funciones en lnea (diez "
"lneas o menos de longitud), entonces el uso del fichero objeto no est "
Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executable containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a work that uses the Library with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be...
"A compaar el trabajo con el correspondiente código fuente legible (a máquina) completo de la Biblioteca, incluyendo cualquier cambio que fuera utilizado en el trabajo (el cual debe ser distribuido bajo las Secciones) y, si el trabajo es un ejecutable enlazado con la Biblioteca, con el completo, legible (a máquina) trabajo que usa la Biblioteca, como código objeto y/o código fuente, de forma que el usuario pueda modificar la Biblioteca y reenlazar entonces para producir un ejecutable modificado que contenga la Biblioteca modificada. (Se entiende que el usuario que cambia los contenidos de los archivos de definiciones en la Biblioteca no necesariamente ser capaz de recompilar la aplicación para usar las definiciones modificadas)."

"Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with."

"Acompaar el trabajo con una oferta escrita, válida por tres años al menos, para proporcionar a dicho usuario los materiales especificados en <link linkend="sect6a">Subsección 6a</link>, de arriba, por un precio no superior al coste de realizar esta distribución."

"If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified..."
"materials from the same place."

msgstr ""

"Si la distribución del trabajo se hace ofreciendo el acceso a la copia desde "
"un lugar determinado, ofrecer un acceso equivalente para la copia de los "
"materiales especificados anteriormente desde el mismo lugar."

#: C/index.docbook:516(listitem/para)
msgid ""
msgstr ""

"Verify that the user has already received a copy of these materials or that "
"you have already sent this user a copy."

msgstr ""

"Verificar que el usuario ha recibido ya una copia de estos materiales o que "
"usted ya le ha enviado una copia a este usuario."

#: C/index.docbook:462(sect2/para)
msgid ""
msgstr ""

"You must give prominent notice with each copy of the work that the Library "
"is used in and that the Library and its use are covered by this License. "
"You must supply a copy of this License. If the work during execution "
"displays copyright notices, you must include the copyright notice for the "
"Library among them, as well as a reference directing the user to the copy of "
"this License. Also, you must do one of these things: <:_orderedlist-1/>"

msgstr ""

"Debe incluir con cada copia del trabajo una notificación de que la "
"Biblioteca se utiliza en l, y de que la Biblioteca y su uso estan cubiertos "
"por esta Licencia. Debe suministrar una copia de esta Licencia. Si el "
"trabajo, durante su ejecución, muestra notas de derechos de autor, usted "
"deber incluir entre ellas las notas de derechos de autor de la Biblioteca, "
"as como una referencia que dirija al usuario a la copia de esta Licencia. "
"Además, usted debe hacer una de estas cosas: <:_orderedlist-1/>"

#: C/index.docbook:524(sect2/para)
msgid ""
msgstr ""

"For an executable, the required form of the <quote>work that uses the "
"Library</quote> must include any data and utility programs needed for "
"reproducing the executable from it. However, as a special exception, the "
"materials to be distributed need not include anything that is normally "
"distributed (in either source or binary form) with the major components "
"(compiler, kernel, and so on) of the operating system on which the "
"executable runs, unless that component itself accompanies the executable."

msgstr ""

"Para un ejecutable, la forma requerida del <quote>trabajo que usa la "
"Biblioteca</quote> debe incluir todos los programas de datos y utilidades "
"necesitados para reproducir el ejecutable desde l. Sin embargo, como una "
"excepción especial, los materiales a distribuir no necesitan incluir nada de "
"lo que es distribuido normalmente (ya sea en forma binaria o fuente) con los "
"componentes principales (compilador, núcleo, y demas) del sistema operativo "
"en el cual funciona el ejecutable, a menos que el componente por l mismo "
"acompae al ejecutable."

#: C/index.docbook:535(sect2/para)
msgid ""
msgstr ""
"It may happen that this requirement contradicts the license restrictions of "
"other proprietary libraries that do not normally accompany the operating "
"system. Such a contradiction means you cannot use both them and the Library "
"together in an executable that you distribute."
msgid ""
msgstr ""
"Puede suceder que este requisito contradiga las restricciones de la licencia "
"de otras bibliotecas propietarias que no acompanan normalmente al sistema "
"operativo. Dicha contradiccin significa que no puede usar estas y la "
"Biblioteca juntas en un ejecutable que usted distribuya."

#: C/index.docbook:546(sect2/title)
msgid "Section 7"
msgstr "Seccin 7"

#: C/index.docbook:548(sect2/para)
msgid ""
msgstr ""
"You may place library facilities that are a work based on the Library side-""
"by-side in a single library together with other library facilities not "
"covered by this License, and distribute such a combined library, provided "
"that the separate distribution of the work based on the Library and of the "
"other library facilities is otherwise permitted, and provided that you do "
"these two things:"
msgid ""
msgstr ""
"Puede colocar facilidades de biblioteca, que son un trabajo basado en la "
"Biblioteca, juntas en una sola biblioteca junto con otras facilidades de "
"biblioteca no cubiertas por esta Licencia, y distribuir dicha biblioteca "
"combinada, con tal que la distribucin separada del trabajo basado en la "
"Biblioteca y de las otras facilidades de biblioteca est, por lo dems, "
"permitida, y con tal que usted haga estas dos cosas:"
"accompanying uncombined form of the same work."
msgid ""
"Incluir una notificación destacada con la biblioteca combinada del hecho de "
"que parte de ella es un trabajo basado en la Biblioteca, y explicando donde "
"encontrar las formas sin combinar acompañantes del mismo trabajo."

#: C/index.docbook:577(sect2/title)
msgid "Section 8"
msgstr "Sección 8"

#: C/index.docbook:579(sect2/para)
msgid ""
"You may not copy, modify, sublicense, link with, or distribute the Library "
"except as expressly provided under this License. Any attempt otherwise to "
"copy, modify, sublicense, link with, or distribute the Library is void, and "
"will automatically terminate your rights under this License. However, "
"parties who have received copies, or rights, from you under this License "
"will not have their licenses terminated so long as such parties remain in "
"full compliance."
msgid ""
"Usted no puede copiar, modificar, sublicenciar o distribuir la Biblioteca "
"salvo por lo permitido expresamente por esta Licencia. Cualquier otro "
"intento de copia, modificación, sublicenciamiento o distribución de la "
"Biblioteca es nulo, y dar por terminados automáticamente sus derechos bajo "
"esa Licencia. Sin embargo, los terceros que hayan recibido copias, o "
"derechos, de usted bajo esta Licencia no verán terminadas sus licencias, "
"siempre que permanezcan en total conformidad con ella."

#: C/index.docbook:591(sect2/title)
msgid "Section 9"
msgstr "Sección 9"

#: C/index.docbook:593(sect2/para)
msgid ""
"You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Library or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Library (or any work based on the Library), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Library or works based on it."
msgid ""
"No se le exige que acepte esta Licencia, puesto que no la ha firmado. Sin "
"embargo, ninguna otra cosa le concede a usted el permiso para modificar o "
"distribuir la Biblioteca o sus trabajos derivados. Estas acciones están "
"prohibidas por ley si usted no acepta esta Licencia. Por tanto, al modificar "
"o distribuir la Biblioteca (o cualquier trabajo basado en la Biblioteca), "
"usted indica su aceptación de esta Licencia para hacerlo, y todos sus "

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"trminos y condiciones para copiar, distribuir o modificar la Biblioteca o "
"los trabajos basados en ella."

#: C/index.docbook:606(sect2/title)
msgid "Section 10"
msgstr "Seccin 10"

#: C/index.docbook:608(sect2/para)
msgid ""
"Each time you redistribute the Library (or any work based on the Library), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute, link with or modify the Library subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties with this License."

msgid ""
msgstr ""
"Cada vez que usted distribuye la Biblioteca (o cualquier trabajo basado en "
"la Biblioteca), el receptor recibe automáticamente una licencia del titular "
"original de la Licencia para copiar, distribuir, enlazar con o modificar la "
"Biblioteca sujeto a estos trminos y condiciones. Usted no debe imponer "
"ninguna restriccin posterior sobre el ejercicio de los receptores de los "
"derechos otorgados aqu mencionados. Usted no es responsable de imponer "
"conformidad con esta Licencia por terceras partes."

#: C/index.docbook:620(sect2/title)
msgid "Section 11"
msgstr "Seccin 11"

#: C/index.docbook:622(sect2/para)
msgid ""
"If, as a consequence of a court judgment or allegation of patent "
"infringement or for any other reason (not limited to patent issues), "
"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
"excuse you from the conditions of this License. If you cannot distribute so "
"as to satisfy simultaneously your obligations under this License and any "
"other pertinent obligations, then as a consequence you may not distribute "
"the Library at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Library by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Library."

msgid ""
msgstr ""
"Si, como consecuencia de un juicio o infraccin de patente o por cualquier "
"otra razn (no limitada a asuntos de patente) a usted se le imponen "
"condiciones (sea orden judicial, acuerdo u otras) que contradigan las "
"condiciones de esta Licencia, eso no le dispensa de las condiciones de esta "
"Licencia. Si usted no puede distribuirla de tal forma que satisfaga "

"simultaneamente sus obligaciones con respecto a esta licencia y cualquier "
"otras obligaciones pertinentes, entonces como consecuencia, no debe en "
"absoluto distribuir la Biblioteca. Por ejemplo, si una licencia de patente "
"no permitiera la redistribución libre de derechos de autor de la Biblioteca "
"a todo aquellos que reciben copias directamente o indirectamente a través de "
"usted, entonces la nica forma en la que podra satisfacer tanto esto como "
"esta Licencia sera abstenerse completamente de la distribución de la "
"Biblioteca."

#: C/index.docbook:637(sect2/para)
msgid ""
"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply, "
"and the section as a whole is intended to apply in other circumstances." msgstr ""
"Si cualquier parte de esta sección se considera invalida o inaplicable bajo "
"cualquier circunstancia particular, se intentar aplicar el balance de la "
"sección, y en otras circunstancias se intentar aplicar la sección como un "
"todo."

#: C/index.docbook:643(sect2/para)
msgid ""
"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice." msgstr ""
"No es el propósito de esta sección el inducirle a usted a infringir "
"cualquier demanda de derechos de patente u otros derechos de propiedad o el "
"impugnar la validez de tales demandas; esta sección tiene el nico propósito "
"de proteger la integridad del sistema de distribución de software libre, lo "
"cual se lleva a cabo mediante prácticas de licencia pública. Mucha gente ha "
"hecho generosas contribuciones al amplio rango de software distribuido a "
"través de este sistema, confiando en la firme aplicación de este sistema; es "
"decisión de autor/donante decidir si el o ella quiere distribuir software a "
"través de cualquier otro sistema y una licencia no puede imponer esa "
"elección."

#: C/index.docbook:656(sect2/para)
msgid ""
"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License." msgstr ""
"Esta sección tiene el propósito de esclarecer a fondo lo que se cree ser una 
consecuencia del resto de esta licencia."

#: C/index.docbook:663(sect2/title)
msgid "Section 12"
msgstr "Sección 12"

#: C/index.docbook:665(sect2/para)
msgid ""
msgstr ""

"Si la distribución y/o uso de la Biblioteca est restringida en ciertos 
pases mediante patentes o interfaces con derechos de autor, el propietario 
de los derechos de autor originales, el cual puso la Biblioteca bajo esta 
Licencia, puede añadir una limitación a la distribución geográfica explícita 
excluyendo estos países, de forma que esta distribución se permita solamente 
en o entre países no excluidos. En tal caso, esta Licencia incorpora la 
limitación como si estuviera escrita en el cuerpo de esta Licencia."

#: C/index.docbook:677(sect2/title)
msgid "Section 13"
msgstr "Sección 13"

#: C/index.docbook:679(sect2/para)
msgid ""
msgstr ""

"La Free Software Foundation puede publicar versiones nuevas y revisadas de 
la Licencia Pública General Menor de vez en cuando. Dichas 
versiones nuevas serán similares en espíritu a la presente versión, pero 
pueden diferir en detalles para solucionar nuevos problemas o preocupaciones."

#: C/index.docbook:686(sect2/para)
msgid ""
msgstr ""

"Cada versión se da un número de identificación. Si el Libro 
specifica un número de versión de esta Licencia que aplica a él y 
"<quote>any later version</quote>, you have the option of following the terms "
and conditions either of that version or of any later version published by " 
"the Free Software Foundation. If the Library does not specify a license "

"version number, you may choose any version ever published by the Free "
"Software Foundation."

"Cada versi\'n tiene un n\'mero de versi\'n que la distingue. Si la Biblioteca "
"especifica que se aplica un n\'mero de versi\'n en particular de esta Licencia "
"y cualquier versi\'n posterior, usted tiene la opci\'n de seguir los "
"trminos y condiciones de la versi\'n especificada o cualquiera posterior que "
"haya sido publicada por la Free Software Foundation. Si la Biblioteca no "
"especifica un n\'mero de versi\'n de esta Licencia, puede escoger cualquier "
"versi\'n que haya sido publicada por la Free Software Foundation."

"If you wish to incorporate parts of the Library into other free programs "
"whose distribution conditions are incompatible with these, write to the "
"author to ask for permission. For software which is copyrighted by the Free "
"Software Foundation, write to the Free Software Foundation; we sometimes "
"make exceptions for this. Our decision will be guided by the two goals of "
"preserving the free status of all derivatives of our free software and of "
"promoting the sharing and reuse of software generally."

"Si quiere incorporar partes de la Biblioteca en otros programas libres cuyas "
"condiciones de distribuci\'n son incompatibles con estos, escriba al autor "
"para pedirle permiso. Para el software cuyos derechos de autor pertenecen a "
"la Free Software Foundation, escriba a la Free Software Foundation; nosotros "
"hacemos a veces excepciones a esto. Nuestra decisi\'n se guiar generalmente "
"por los dos objetivos de preservar el estatus libre de todo lo derivado de "
"nuestro software libre y de promover la compartici\'n y reutilizaci\'n de "
"software."
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF "
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "
"THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY "
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."

msgid ""
"DEBIDO A QUE LA BIBLIOTECA ESTE LICENCIADA LIBRE DE CARGO, NO HAY GARANT"A "
"Para la biblioteca en la extensin permitida por la ley aplicable. Excepcio "
"Cuando se establezca de otro modo por escrito, los poseedores del derecho de "
"Autor y/o otras partes suministran la biblioteca <quote>TAL CUAL</quote> SIN "
"Garantia de ninguna clase, ya sea de forma expresa o implcita, incluyendo, "
"Pero no limitada a, las garantias implcitas de comerciabilidad y adecuacin "
"Para un prop sito particular. Todo el riesgo en cuanto a calidad y ejecucin "
"De la bibliotecas es suyo. Si la biblioteca resultara estar defectuosa, "
"Usted asume el coste de todo el mantenimiento, reparacin o correccin "
"NECESARIA."

#: C/index.docbook:730(sect2/title)
msgid "Section 16"
msgstr "Seccin 16"

#: C/index.docbook:732(sect2/para)
msgid ""
"IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "
"THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
"SUCH DAMAGES."

msgid ""
"BAJO NINGN CONCEPTO, A MENOS QUE SEA REQUERIDO POR LA LEY APLICABLE O DE "
"ACUERDO A UN ESCRITO, CUALQUIER POSEEDOR DE DERECHOS DE AUTOR O CUALQUIER "
"OTRA PARTE QUE PUEDA MODIFICAR Y/O REDISTRIBUIR LA BIBLIOTECA COMO SE "
"PERMITE ARRIBA, SER RESPONSABLE CON USTED POR DAOS, INCLUYENDO CUALQUIER "
"DAO GENERAL, ESPECIAL, ACCIDENTAL O CONSECUENTE ORIGINADO POR EL USO O "
"INCAPACIDAD DE USAR LA BIBLIOTECA(INCLUYENDO PERO NO LIMITANDO, A LAS "
"PRDIDAS DE DATOS O A LA PRODUCCIN DE DATOS INCORRECTOS, O PRDIDAS "
"SUFRIDAS POR USTED O TERCERAS PARTES O UN FALLO DE LA BIBLIOTECA PARA "
"FUNCIONAR CON CUALQUIER OTRO SOFTWARE) INCLUSO SI TAL TITULAR U OTRA PARTE "
"HA SIDO NOTIFICADA DE LA POSIBILIDAD DE TALES DAOS."
The GNU Public License 2 in DocBook
Markup by Eric Baudais <baudais@okstate.edu>
Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Feb. 5, 2001

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Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1301, USA.

GNU Lesser General Public License

GNU, ,

Legal notice

2.1, 1999

GNU, ,

Abstract

Open Source Used In Data Center Network Manager 11 11.5(4) 6909
We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library,
whereas the latter must be combined with the library in order to run.
</para>

<sect1>
</sect1>

<sect1 id="terms" label="none">
<title> ,
</title>
<sect2 id="sect0" label="0">
<title> 0
</title>
<para> - , , , , ( <quote></quote>). <quote></quote>. </para>
<para> "" / , , ' ( ) . </para>
<para> "" - , . <quote>, <quote> - , : , , , / (. <quote></quote>). </quote></para>
<para> " " . , , , , , . </para>
<para>, , , . , , , ( , ). , , . </para>
</sect2>

<sect2 id="sect1" label="1">
<title> 1
</title>
<para> - , , , , . </para>
<para> , , . </para>
</sect2>

<sect2 id="sect2" label="2">
<title> 2
</title>
<para> You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

<orderedlist numeration="loweralpha">
<li>
The modified work must itself be a software library.
</li>
<li>You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
</li>
</orderedlist>
You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
As an exception to the Sections above, you may also combine or link a work that uses the Library with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the work that uses the Library must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY
OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED
TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE
OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU
ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
Open Source Used In Data Center Network Manager 11 11.5(4) 6918

"MIME-Version: 1.0\n"Content-Type: text/plain; charset=UTF-8\n"Content-Transfer-Encoding: 8bit\n"X-Generator: Lokalize 1.4\n"Plural-Forms: Plural-Forms: nplurals=2; plural=(n != 1);\n"

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
#| msgid "translator-credits"
msgctxt " _ "
msgid "translator-credits"
msgstr "Kalman Kemenczy <kkemenczy at novell dot com>, 2007"

#: C/index.docbook:17(articleinfo/title)
msgid "GNU General Public License"
msgstr "GNU General Public License"

#: C/index.docbook:18(articleinfo/copyright)
msgid "Free Software Foundation, Inc."
msgid "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"
msgstr "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"

#: C/index.docbook:23(articleinfo/author)
msgid "Free Software Foundation"
msgid "<surname>Free Software Foundation</surname>"
msgstr "<surname>Free Software Foundation</surname>"

#: C/index.docbook:28(publisher/publishername)
msgid "GNOME Documentation Project"
msgstr "GNOME Dokumentcis projekt"

#: C/index.docbook:32(revhistory/revision)
msgid "<revnumber>2</revnumber> <date>1991-06</date>"
msgstr "<revnumber>2</revnumber> <date>1991-06</date>"

#: C/index.docbook:40(para/address)
#, no-wrap
msgid "<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth Floor</street>, 
<city>Boston</city>, <state>MA</state><postcode>02110-1301</postcode><country>USA</country></address>.
"\nmsgid ""\n"Free Software Foundation, Inc. \n"
"tt <street>51 Franklin Street, Fifth Floor</street>, \n"tt <city>Boston</city>, \n"
"tt <state>MA</state> <postcode>02110-1301</postcode>\n"
"tt <country>USA</country>\n"
"tt"
msgstr ""\n"Free Software Foundation, Inc. \n"
"t <street>51 Franklin Street, Fifth Floor</street>, \n"
"t <city>Boston</city>, \n"
"t <state>MA</state> <postcode>02110-1301</postcode>\n"
"t <country>USA</country>\n"
"t"

#: C/index.docbook:39(legalnotice/para)
msgid "<_:address-1/>.”
msgstr "<_:address-1/>.”

#: C/index.docbook:48(legalnotice/para)
msgid ""
msgstr ""
"Everyone is permitted to copy and distribute verbatim copies of this license "
"document, but changing it is not allowed.”
msgstr ""
"A jelen licencdokumentumot brki szabadon lemsolhatja s a pontos "
"msolatait terjesztheti, de a mdesta tilos.”

#: C/index.docbook:54(articleinfo/releaseinfo)
msgid "Version 2, June 1991"
msgstr "1991. jnus, 2. vltozat"

#: C/index.docbook:58(abstract/para)
msgid ""
msgstr ""
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public License is intended "
"to guarantee your freedom to share and change free software - to make sure "
"the software is free for all its users.”
msgstr ""
"A legtbb szoftver licencei azzal a szndkkal kszltek, hogy minl "
"kevesebb lehetsget adjanak a szoftver megvitozatsra s terjesztse. “
"Ezzel szemben a GNU GPL clja, hogy garantlja a szabad szoftver msolsnak "
"s terjesztstnek szabadsgt, ezltal biztostva a szoftver szabad "
"felhasznltsgt minden felhasznl szmra."
"can apply it to your programs, too."
msgstr ""
"A legtöbb szoftver licencei azzal a szándékval születtek, hogy mind "
"kevesebb lehetőséget adjanak a szoftver megváltoztatására és terjesztésére."
"Ezzel szemben a GNU GPL clja, hogy garantálja a szabad szoftver módosításnak "
"s terjesztésének szabadúságát, ezáltal biztosítva a szoftver szabad "
"felhasználhatását minden felhasználó számára. A GPL szabályai vonatkoznak "
"a Free Software Foundation legtöbb szoftverére, illetve minden olyan "
"programra, melynek szerzője gyűjt díj, hogy ezt használja a szerző jog "
"megjelölésekor. (A Free Software Foundation egyes szoftverei egy GNU LGPL "
"rvényes.) Brízi használhatja a programjaiban a GPL-t a szerző jogi "
"megjegyzésének."

#: C/index.docbook:81(sect1/para)
msgid ""
msgstr ""
"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you) "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things.”
msgstr ""
"A szabad szoftver megjelölés nem jelenti azt, hogy a szoftvernek nem lehet "
"ra. A GPL licencek clja, hogy garantálja a szabad szoftver módosításnak "
"szabad terjesztését (e szolgáltatásért akár díj felszámítását), 
a "
"források elérhetőségét, hogy brízi szabadon módosítsza a szoftvert, vagy "
"felhasználhassza a részletek szabad programokban; s hogy módok "
"megismerhesse ezt a lehetőséget.”

#: C/index.docbook:90(sect1/para)
msgid ""
msgstr ""
"To protect your rights, we need to make restrictions that forbid anyone to "
"deny you these rights or to ask you to surrender the rights. These "
"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it.”
msgstr ""
"A szerző jogainak védelmén korlátozásokat kell hozni, amelyek megtiltják, "
"hogy brízi megtagadnál saját jogokat módosítsa, vagy ezekre val "
"lemondsza kénytelenül brízi módosítások bizonyos "
"felelősséget jelentenek azok számára, akik a szoftver módosítással "
"terjesztik vagy módosítják.”

#: C/index.docbook:97(sect1/para)
msgid ""
msgstr ""
"For example, if you distribute copies of such a program, whether gratis or "
"for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights.”
"Ha valaki pldul ilyen program msolatait terjeszti, akr ingyen vagy "
"bizonyos szeg fejben, a szoftverre vonatkoz minden jogot tovbb kell "
"adnia a fogad feleknek. Biztostani kell tovbb, hogy megkapj vagy "
"legalbbbis megkaphassk a forrskdot is. s persze ezeket a "
"licencfeltteleket is el kell juttatni, hogy tisztnban legyenek a jogaikkal. "

": C/index.docbook:109(listitem/para)
msgid "copyright the software, and"
msgstr "a szoftver szerzi jogainak vdelmb s"

": C/index.docbook:114(listitem/para)
msgid "offer you this license which gives you legal permission to copy, distribute "
"and/or modify the software."
msgstr ""
"a jelen licenc biztostsbl, amely jogalapot biztost a szoftver "
"msolsra, terjesztsre s/vagy mdostsr."

": C/index.docbook:104(sect1/para)
#| msgid "We protect your rights with two steps: <placeholder-1/>"
msgid "We protect your rights with two steps: <_:orderedlist-1/>"
msgstr "A jogok vdelme kt lpsbl ll: <_:orderedlist-1/>"

": C/index.docbook:122(sect1/para)
msgid "Also, for each author's protection and ours, we want to make certain that "
"everyone understands that there is no warranty for this free software. If "
"the software is modified by someone else and passed on, we want its "
"recipients to know that what they have is not the original, so that any "
"problems introduced by others will not reflect on the original authors' "
"reputations."
msgstr ""
"Az egyes szerzk s a magunk vdelmben biztostani akarjuk, hogy mindenki "
"megrtse: a jelen szabad szoftverre nincs jdlls. Ha a szoftvert "
"mdostottk s tovbbadtk, akkor mindenkinek, aki a mdostott vlozatot "
"kapja, tudnia kell, hogy az nem az eredeti, gy a msok ltal okozott "
"hibknak nem lehet hatsa az eredeti szerz hrnevre."

": C/index.docbook:131(sect1/para)
msgid "Finally, any free program is threatened constantly by software patents. We "
"wish to avoid the danger that redistributors of a free program will "
"individually obtain patent licenses, in effect making the program "
"proprietary. To prevent this, we have made it clear that any patent must be "
"licensed for everyone's free use or not licensed at all."
msgstr ""
"Vgl, a szabad szoftver lt llandan fnyegetik a szoftverszabadalmak."
“El szeretnkn kerlni annak veszlyt, hogy a szabad program terjeszth "
"szabadalmat jegyezhesszenek be r, eztlal sajt szellemi tulajdont kpezv "
"tegyk a programot. Ennek megelzshez tisztszki kvnjuk: szabadalom "
"szabad szolverrel kapcsolatban csak mindenkli Itali szabad hasznlatra "
"jegyezhet be, vagy egytaln nem jegyezhet be.”

#: C/index.docbook:139(sect1/para)
msgid ""
msgstr ""
"The precise terms and conditions for copying, distribution and modification "
"follow."
msgstr ""
"A molsra, terjesztsre, mdostsr vonatkoz pontos szablyok s "
"felttelek:"

#: C/index.docbook:147(sect1/title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr ""
"A MSOLSRA, TERJESZTSRE S MDOSTSRA VONATKOZ FELTTELEK S KIKTSEK"
"Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running the Program "
"is not restricted, and the output from the Program is covered only if its "
"contents constitute a work based on the Program (independent of having been "
"made by running the Program). Whether that is true depends on what the "
"Program does."

msgid "" msgstr ""
"A jelen licenc a msolson, terjesztsen s mdostson kvl ms "
"tevkenysgre nem vonatkozik, azok a hatlyn kvl esnek. A Program "
"futtatsa nincs korltozva, illetve a Program kimenetre is csak abban az "
"esetben vonatkozik ez a szablyozys, ha az tartalmazza a Programon alapul "
"munka egy rszlett (figetlenl attl, hogy ez a Program futtatsval jtt-"
"e ltre). Ez teht a Program mkdstl fgg."

#: C/index.docbook:173(sect2/title)
msgid "Section 1"
msgstr "1. szakasz"

#: C/index.docbook:174(sect2/para)
msgid ""
"You may copy and distribute verbatim copies of the Program's source code as "
"you receive it, in any medium, provided that you conspicuously and "
"appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and give any other recipients of "
"the Program a copy of this License along with the Program."

msgid ""
"A Program forrskdja mdosts nkl msolhat s brmely adathordozn "
"terjeszthet, feltve, hogy minden egyes pldnyn pontosan szerepel a "
"megfelel szerzi jogi megjegyzs, illetve a garanciavllalas elutasta; "
"rintetlenl kell hagyni minden erre a szablyozsra s a garancia teljes "
"hinyra utal szveget s a jelen licencedokumentumot is el kell juttatni "
"mindazokhoz, akik a Programot kapjk."

#: C/index.docbook:183(sect2/para)
msgid ""
"You may charge a fee for the physical act of transferring a copy, and you "
"may at your option offer warranty protection in exchange for a fee."

msgid ""
"Felszembr dj a msolat fizikai tovbbtsa fejben, illetve "
"ellenszolgltats fejben a Programhoz garancilis tmogats is biztosthat."

#: C/index.docbook:190(sect2/title)
msgid "Section 2"
msgstr "2. szakasz"

#: C/index.docbook:199(listitem/para)
msgid ""
"You must cause the modified files to carry prominent notices stating that "
"you changed the files and the date of any change."
msgstr ""
"A mdostott fjlokat el kell ltni olyan megjegyzssel, amely feltnteti a "
"mdostst vg nevt s a mdostsok dtumt."

#: C/index.docbook:205(listitem/para)
msgid ""
msgstr ""
"You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of "
"this License."
msgstr ""
"Minden olyan munkt, amely rszben vagy egszben tartalmazza a Programot "
"vagy a Programon alapul, olyan szablyokkal kell kiadni vagy terjeszteni, "
"hogy annak hasznlati joga harmadik szemly szre licencdjmentesen "
"hozzfrhet legyen, a jelen dokumentumban tallhat felttelenek "
"megfelelen."

#: C/index.docbook:223(note/title)
msgid "Exception:"
msgstr "Kivtel:"

#: C/index.docbook:224(note/para)
msgid ""
msgstr ""
"If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."
msgstr ""
"ha a Program interaktv ugyan, de nem jelent meg hasonl zenetet, akkor a "
"Programon alapul munknak sem kell ezt tennie."

#: C/index.docbook:213(listitem/para)
#| msgid ""
#| "If the modified program normally reads commands interactively when run, "
#| "you must cause it, when started running for such interactive use in the "
#| "most ordinary way, to print or display an announcement including an "
#| "appropriate copyright notice and a notice that there is no warranty (or "
#| "else, saying that you provide a warranty) and that users may redistribute "
#| "the program under these conditions, and telling the user how to view a "
#| "copy of this License. <placeholder-1/>"
msgid ""
msgstr ""
"If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. <_:note-1/>"

msgstr ""

"Ha a mdostott Program interaktván olvassa a parancsokat futs kzbén, "
"akkor gy kell elkszteni, hogy a megszokott mdon trtn indtshor "
"megjelents egy zenetet a megfelel szerzi jogi megjegyzssel s a "
"garancia hinyra utal kzlszl (vagy ppen azzal az informcival, hogy "
"miknt juthat valaki garancihoz), illetve azzal az informcival, hogy "
"brki terjesztheti a Programot a jelen feltteleknek megfelelen, s arra is "
"utalst kell tenni, hogy a felhasznl miknt tekintheti meg a licenc egy "
"pldnnyt. <_:note-1/>"

#: C/index.docbook:191(sect2/para)
msgid ""
msgstr ""

"You may modify your copy or copies of the Program or any portion of it, thus "
"forming a work based on the Program, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</link> above, provided that you also meet all of these conditions: <_:orderedlist-1/>"

msgid ""

"A Program vagy annak egy rsze mdosthat, gy a Programon alapul munka "
"jn ltre. A mdosts ezutn az <link linkend="sect1">1. szakaszban</link> adott felttelek szerint tovbb terjeszthet, ha az albbi felttelek "
"is teljesnlnek: <_:orderedlist-1/>"

#: C/index.docbook:236(sect2/para)
msgid ""
msgstr ""

"These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Program, and can be "
"reasonably considered independent and separate works in themselves, then "
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Program, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."

msgid ""

"Ezek a felttelek a mdostott munkra, mint egzre vonatkoznak. Ha a munka "
"azonosthat rszei nem a Programon alapulnak s fgetlen munkkknt "
"elklnlen azonosthat, akkor ez a szabloyosz nem vonatkozik ezekre a "
"rszekre, ha azok kln munkaknt kerlnk terjesztse. Viszont, ha ugyanez "
"a rsz az egzrszeknt kerl terjesztse, amely a Programon alapul "
"munka, akkor az egz terjesztse csak a jelen dokumentum alapjn "

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"lehetsges, amely ebben az esetben a jogokat minden egyes felhasznalt "
"szmra kiterjeszti az egysre tekintet nkl arra, hogy melyik rszt ki "
"rta."

#: C/index.docbook:247(sect2/para)
msgid ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Program."
msgstr ""
"E szvegrsznek teht nem az a clja, hogy msok jogait elvegye vagy "
"korltozza a kizrlag sajt maga ltal rt munkkra; a cl az, hogy a jogok "
"gyakorlsa szablyozva legyen a Programon alapul illetve a gyjtemnyes "
"munkk terjesztse esetben.""  

#: C/index.docbook:253(sect2/para)
msgid ""
"In addition, mere aggregation of another work not based on the Program with "
"the Program (or with a work based on the Program) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."
msgstr ""
"Ezenkvl ms munkknak, amelyek nem a Programon alapulnak, a Programmal "
"(vagy a Programon alapul munkval) kzs adathordozn vagy adattroln "
"szerepelte nem jelenti a jelen szablyok rvnyessgt azokra is.”

#: C/index.docbook:261(sect2/title)
msgid "Section 3"
msgstr "3. szakasz"

#: C/index.docbook:271(listitem/para)
msgid ""
"Accompany it with the complete corresponding machine-readable source code, "
"which must be distributed under the terms of <link linkend="">Sections 1</link> and <link linkend="">2</link> above on a "
"medium customarily used for software interchange; or,"
msgstr ""
"a teljes, gp ltal rtelmezhet forrskd ksri az anyagot, amelynek "
"terjesztse az <link linkend="">1. szakaszban</link> s a <link "
"linkend="">2. szakaszban</link> foglaltak szerint trtnik, "
"jellemzen szoftverterjesztstre hasznlt adathordozn; vagy,"}

#: C/index.docbook:278(listitem/para)
msgid ""
"Accompany it with a written offer, valid for at least three years, to give "
"any third party, for a charge no more than your cost of physically "
"performing source distribution, a complete machine-readable copy of the "
"
"corresponding source code, to be distributed under the terms of Sections 1 "
"and 2 above on a medium customarily used for software interchange; or,"
"msgstr ""
"legalább hrom vre szlan rsban villalja, hogy brmely kls szemlynek 
"rendelkezbre il a teljes gp rthalmezhet forrskd, a fizikai "
"tovbbst fedez sszeinl nem nagyobb djrt az 1. s 2. szakaszban 
"foglaltak szerint szoftverterjesztsre hasznlt adathordozn; vagy,"

#: C/index.docbook:287(listitem/para)
msgid ""
"Accompany it with the information you received as to the offer to distribute 
"corresponding source code. (This alternative is allowed only for 
"noncommercial distribution and only if you received the program in object 
"code or executable form with such an offer, in accord with Subsection b " 
"above.)"
"msgstr ""
"a megfelel forrskd terjesztsre vonatkozan megkapott tjkoztats 
"ksri az anyagot. (Ez az alternatva csak nem kereskedelmi terjeszts 
"esetnl alkalmazhat abban az esetben, ha a terjeszt a Programhoz a 
"trgykd vagy forrskd formjban jutott hozz az ajnlattal egyt a 
"fenti b. cikkelynek megfelelen.)"

#: C/index.docbook:263(sect2/para)
#| msgid ""
#| "You may copy and distribute the Program (or a work based on it, under 
#| "<link linkend="sect2">Section 2</link>) in object code or executable 
#| "form under the terms of <link linkend="sect1">Sections 1</link> and " 
#| "<link linkend="sect2">2</link> above provided that you also do one of 
#| "the following: <placeholder-1/>"
"msgstr ""
"You may copy and distribute the Program (or a work based on it, under <link 
"linkend="sect2">Section 2</link>) in object code or executable form under 
"the terms of <link linkend="sect1">Sections 1</link> and <link linkend=" 
"\"sect2\"">2</link> above provided that you also do one of the following: <_: 
"orderedlist-1/>"
"msgstr ""
"A Program (vagy a Programon alapul munka a <link linkend="\"sect2\"">2. " 
"szakasznak</link> megfelelen) msohat s terjeszthet trgykd vagy " 
"vghajhat kd formjban az <link linkend="\"sect1\"">1. szakaszban</link>" 
"<link> s a <link linkend="\"sect2\">2. szakaszban</link> foglaltak szerint, " 
"amennyiben az albbi felttelek is teljesnek: <_:orderedlist-1/>"

#: C/index.docbook:297(sect2/para)
msgid ""
"The source code for a work means the preferred form of the work for making "
"modifications to it. For an executable work, complete source code means all " 
"the source code for all modules it contains, plus any associated interface " 
"definition files, plus the scripts used to control compilation and "

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installation of the executable. However, as a special exception, the source "
code distributed need not include anything that is normally distributed (in "
either source or binary form) with the major components (compiler, kernel, "
"and so on) of the operating system on which the operating system runs, unless that "
"component itself accompanies the executable."

msgstr ""
"Egy munka forrskdja a munknak azt a formjt jelenti, amelyben a "
mdstsokat elsdlegesen vgezi szoks. Egy vgrehajthat program "
"esetben a teljes forrskd a tartalmazott sszes modul forrskdjt "
"jelenti, tovbb a kapcsold felletdefincis fjlak s a fordst "
"vezrl parancsfjlakat. Egy specilis kvitelknt a forrskdnak nem kell "
"tartalmaznia norml esetben a vgrehajthat kd futtatsra szolgl "
"operscis rendszer fbb rsziknt (kernel, fordprogram stb.) terjesztett "
"rszeit (forrs vagy binris formban), kivve, ha a komponens maga a "
"vgrehajthat llomnyt ksr."
"teljesen megfelelnek a Licenc feltteleinek."

#: C/index.docbook:328(sect2/title)
msgid "Section 5"
msgstr "5. szakasz"

#: C/index.docbook:330(sect2/para)
msgid "" "You are not required to accept this License, since you have not signed it."
"However, nothing else grants you permission to modify or distribute the "
"Program or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Program (or any work based on the Program), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Program or works based on it."
msgstr "" "nnek nem ktelez elfogadnia ezt a szablyozst, hiszen nem rta al. Ezen "
"kví viszont semmi ms nem ad jogokat a Program terjesztsre s "
"mdostsra. Ezeket a cselekedeteket a trvny bnteti, ha nem a jelen "
"szerzi jogi szablyozsz keretei ktt trtnmek. Mindezek miatt a Program "
"(vagy a Programon alapul munka) terjesztse vagy mdostsa a jelen "
"dokumentum szablyainak, s azon bell a Program vagy a munka mdostsra, "
"msolsra vagy terjesztsre vonatkoz sszes felttelnek elfogadst "
"jelenti."

#: C/index.docbook:341(sect2/title)
msgid "Section 6"
msgstr "6. szakasz"

#: C/index.docbook:343(sect2/para)
msgid "" "Each time you redistribute the Program (or any work based on the Program), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute or modify the Program subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties to this License."
msgstr "" "Minden alkalommal, amikor a Program (vagy az azon alapul munka) tovbbadsa "
"trtnik, a Programot megkap szemly automatikusan hozzjut az eredeti "
"licenculajdonostl szrmsz licenchez, amely a jelen szablyok szerint "
"biztosita a jogot a Program msolsra, terjesztsre s mdostsra. Nem "
"lehet semmilyen mdon tovbb korltozni a fogad flnek az itt megadott "
"jogait. A Program tovbbadja nem felels harmadik szemlyekkel betartatni a "
"jelen szablyokat."

#: C/index.docbook:353(sect2/title)
msgid "Section 7"
If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program.

Ha brsgi hatrozat, szabadalomsrts vlelme, vagy egyb (nem kizrlag) szabadalmakkal kapcsolatos) okbl olyan feltteleknek kell megfelelnie (akr brsgi hatrozat, akr megllapods, akr brmi ms eredmnyekpp), amelyek ellenttesek a jelen felttelekkel, az nem menti fel a terjeszt a Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
msgstr ""
"Ennek a szakasznak nem az a clja, hogy a szabadalmak vagy egyb hasonl "
"jogok megsztsre sztzn az brkit is; mindssze meg szeretn vdeni a "
"szabad szoftver terjeszttsi rendszereknk egysgt, amelyet a szabad "
"kzreadst szablyoz felttelrendszerek teremtenek meg. Sok ember "
"nagymtkben jrule hozz az e rendszer keretben terjesztett, klnfe "
"szoftverekhez, s szmt a rendszer kvetkezes alkalmazsra; azt a szerzi/"
"adomnyoz dnti el, hogy a szoftvert ms rendszer szerint is kzz kvnja-"
"e tenni, s a licencet kapk ezt nem befoly solhatj."
"The Free Software Foundation may publish revised and/or new versions of the "
"General Public License from time to time. Such new versions will be similar "
"in spirit to the present version, but may differ in detail to address new "
"problems or concerns."

msgstr ""

"A Free Software Foundation idrl idre kiadja a General Public License "
"dokumentum fellvizsglt s/vagy jabb vltozatait. Ezek az jabb "
"dokumentumok az elz szellemen kshnek, de rszletekben "
"klnhbetnek, hogy j problmkat vagy agglyokat is kezeljenek."

#: C/index.docbook:410(sect2/para)
msgid ""
msgstr ""

"Each version is given a distinguishing version number. If the Program "
"specifies a version number of this License which applies to it and "
"<quote>any later version</quote>, you have the option of following the terms "
"and conditions either of that version or of any later version published by "
"the Free Software Foundation. If the Program does not specify a version "
"number of this License, you may choose any version ever published by the "
"Free Software Foundation."

msgstr ""

"A dokumentum minden vltozata egy megklnbztet verziszmmal elltva "
"jelenik meg. Ha a Program szerzi jogi megjegyzsben egy bizonyos vagy "
"annl <quote>jabb verzi</quote> van megjelelve, akkor lehetg van akr a "
"megjellt, vagy a Free Software Foundation ltal kiadott kvets verziban "
"lert felttelek kvetsre. Ha nincs ilyen megjellt verzi, akkor "
"lehetg van a Free Software Foundation ltal valaha kiboestott brmelyik "
"dokumentum alkalmazsra."

#: C/index.docbook:420(sect2/title)
msgid "Section 10"
msgstr "10. szakasz"

#: C/index.docbook:422(sect2/para)
msgid ""
msgstr ""

"If you wish to incorporate parts of the Program into other free programs "
"whose distribution conditions are different, write to the author to ask for "
"permission. For software which is copyrighted by the Free Software "
"Foundation, write to the Free Software Foundation; we sometimes make "
"exceptions for this. Our decision will be guided by the two goals of "
"preserving the free status of all derivatives of our free software and of "
"promoting the sharing and reuse of software generally."

msgstr ""

"A Programot ms szabad szoftverbe, amelynek szerzi jogi szablyozsa "
"klnbzik, csak akkor phteti be, ha a szerztl erre engedlyt szerzett. "
"Abban az esetben, ha a program szerzi jogainak tulajdonosa a Free Software "
"Foundation, akkor a Free Software Foundation cmre kell rni; nha kivtelt "
"tesznk. A dnts a kvetkez kt cl szem elt tartsv fog trnni: "
"megmaradjon a szabad szoftveren alapul munkk szabad llapota, valamint "
"Because the program is licensed free of charge, there is no warranty for the "
"program, to the extent permitted by applicable law. Except when otherwise "
"stated in writing the copyright holders and/or other parties provide the "
"program <quote>as is</quote> without warranty of any kind, either expressed "
"or implied, including, but not limited to, the implied warranties of "
"merchantability and fitness for a particular purpose. The entire risk as to "
"the quality and performance of the program is with you. Should the program "
"prove defective, you assume the cost of all necessary servicing, repair or "
"correction."

"In no event unless required by applicable law or agreed to in writing will "
"any copyright holder, or any other party who may modify and/or redistribute "
"the program as permitted above, be liable to you for damages, including any "
"general, special, incidental or consequential damages arising out of the use "
"or inability to use the program (including but not limited to loss of data "
"or data being rendered inaccurate or losses sustained by you or third "
"parties or a failure of the program to operate with any other programs), "
"even if such holder or other party has been advised of the possibility of "
"such damages."
The GNU General Public License 2 in DocBook
Markup by Eric Baudais <baudais@okstate.edu>
Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Dec 16, 2000

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<para><address>Free Software Foundation, Inc.
<street>51 Franklin Street, Fifth Floor</street>,

msgstr ""
"AMENNYIBEN A HATLYOS JOGSZABLYOK VAGY A SZERZI JOGOK TULAJDONOSAI RSOS "
"MEGILLAPODSBAN MSKNT NEM RENDELKEZNEK, SEM A PROGRAM SZERZIE, SEM MSOK, "
"AKIK MDOSTOTT S/VAGY TERJESZTTETTK A PROGRAMOT A FENTIEKNEK "
"MEGFELELEN, NEM TEHETK FELELSS A KROKRT, BELERTVE MINDEN VLETLEN, "
"VAGY KVETKEZMNYES KRT, AMELY A PROGRAM HASZNLATBL VAGY A HASZNLAT "
"MEGAKADLYOZSBL SZRMAZIK (BELERTVE, DE NEM KIZRLAGOSAN AZ "
"ADATVESZTST S A HELYTELEN ADATFELDOLGOZST, VALAMINT A MS PROGRAMOKKAL "
"VAL HIBS EGYTMKDEST), MG AKKOR SEM, HA EZEN FELEK TUDATBAN VOLTAK, "
"HOGY ILYEN KROK KELETKEZHETNEK."

#~ msgid "2000"
#~ msgstr "2000"

#~ msgid "2"
#~ msgstr "2"

#~ msgid "1991-06"
#~ msgstr "1991-06"

<?xml version="1.0" encoding="utf-8"?>
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<article id="index" lang="sv">
<articleinfo>
<title>GNU General Public License</title>
<copyright><year>2000</year> <holder>Free Software Foundation, Inc.</holder></copyright>
<author><surname>Free Software Foundation</surname></author>
<publisher role="maintainer">
<publishername>Dokumentationsprojekt fr GNOME</publishername>
</publisher>
<revhistory>
<revision><revnumber>2</revnumber> <date>1991-06</date></revision>
</revhistory>
<legalnotice id="legalnotice">
<para><address>Free Software Foundation, Inc.
<street>51 Franklin Street, Fifth Floor</street>,

Open Source Used In Data Center Network Manager 11 11.5(4) 6934
Var och en ger kopiera och distribuera exakta kopior av det här licensavtalet, men att ndra det r inte tilltet. De flesta programvarulicenser r skapade fr att ta bort din frihet att ndra och dela med dig av programvaran. GNU General Public License r tvrtom skapad fr att garantera din frihet att dela med dig av och frmdra fri programvara - fr att frskra att programvaran r fri fr alla dess anvndare.

Sebastian Rasmussen
sebras@gmail.com

Daniel Nylander
po@danielnylander.se
används för de flesta av Free Software Foundations programvaror och för alla andra program vars upphovsmän använder sig av General Public License. (Viss programvara från Free Software Foundation använder istället GNU Library General Public License.) Du kan använda licensen för dina program.

<para>Nr vi talar om fri programvara syftar vi på frihet och inte på pris. Vra [General Public License]-licenser r skapade för att garantera din rätt att distribuera och sprida kopior av fri programvara (och ta betalt för den tjänst du utför). Att garantera att du kan kopia och sprida programvaran (eller använda dess delar i ny programvara) samt att garantera att du kan medverka i dessa rättigheter.</para>

<para>Fr att skydda dina rättigheter, måste vi begränsa var och ens möjlighet att hindra dig att använda dig av dessa rättigheter samt att kräva att du ger upp dessa rättigheter. Dessa begränsningar motsvaras av en frpliktelse för dig om du distribuerar kopior av programvaran eller om du ndrar eller modifierar programvaran.</para>

<para>Om du exempelvis distribuerar kopior av en fri programvara, oavsett om du gör det gratis eller mot en avgift, måste du ge mottagaren alla de rättigheter du själv har. Du måste också tillskapa att mottagaren får källkoden eller kan få den om mottagaren särskilt frågat. Du måste också visa dessa licensvillkor mot mottagaren så att mottagaren kan tydligt upptäcka sina rättigheter.</para>

<para>Vi skyddar dina rättigheter i två steg: orderedlist numeration="arabic">

- upphovsrätt till programvaran och
- dessa licensvillkor som ger dig rätt att kopiera, distribuera och ndra programvaran.</orderedlist>

<para>Fr varje upphovsmans skerhet och vår skerhet vill vi fr tydlighets skull klargöra att det inte innebär några garantier fr den fria programvaran. Om programvaran fördelas av någon annan än upphovsmannen vill vi klargöra att det som mottagaren har inte det ursprungliga programvaran med hänvisning till programvaran och att förfallar av och felaktigheter i programvaran inte skall belasta den ursprungliga upphovsmannen.</para>

<para>Slutligen skall det ges att all fri programvara ständigt hotas av programvarupatenter. Vi vill undvika att en distributör eller vidareutvecklare av fri programvara individuellt skaffar patenter till programvaran och därmed gr programvaran till fremligt gandert. Fr att undvika det har vi gjort det tydligt att samtliga programvarupatenter mste registreras fr allas fria användning eller inte registreras alls.</para>

<para>Här nedan fljer licensvillkoren fr att kopiera, distribuera och ndra programvaran.</para>

<sect1 id="terms" label="none">
<title>VILLKOR FR ATT KOPIERA, DISTRIBUERA OCH NDRA PROGRAMVARAN</title>

<sect2 id="sect0" label="0">
<title>Paragraf 0</title>
<para>Dessa licensvillkor gäller varje programvara eller annat verk som innehåller en hänvisning till dessa...

<section id="sect1" label="1">
<title>Paragraf 1</title>

<para>Du ger kopiera och distribuera exakta kopior av Programvarans kllkod ssm du mottog den, i alla medier, frutsatt att Du tydligt och p ett skligt stt p varje exemplar fster en riktig upphovsrtsklausul och garantiavsgelse, vidhller alla hvisningar till dessa licensvillkor och till alla garantiavsgelser samt att till alla mottagaren av Programvaran ge en kopia av dessa licensvillkor tillsammans med Programvaran.</para>

<para>Tgrder utom kopiering, distribution och ndringar tcks inte av dessa licensvillkor. Anvndningen av Programvaran r inte begrnsad och resultatet av anvndningen av Programvaran tcks endast av dessa licensvillkor om resultatet utgr ett Verk baserat p Programvaran (oberoende av att det skapats av att programmet krts). Det beror p vad Programvaran gr.</para>

</section>

<section id="sect2" label="2"
<title>Paragraf 2</title>


</section>

<para>Du ger ndra ditt exemplar eller andra kopior av Programvaran eller ngor del av Programvaran och drmed skapa ett Verk baserat p Programvaran, samt att kopiera och distribuera sdana frndrade versioner av Programvaran eller verk enligt villkoren i <link linkend="sect1">paragraf 1</link> ovan, frutsatt att du ocks uppfyller fljande villkor: 
<orderedlist numeration="loweralpha">
  <listitem>
    Du tillser att de frndrade filerna har ett tydligt meddelande som berttar att Du ndrat filerna samt vilket datum dessa ndringar gjordes.
  </listitem>
  <listitem>
  </listitem>
  <listitem>
    Du tillser att alla verk som du distribuerar eller offentligg som till en del eller i sin helhet innehller eller r hrlett frn Programvaran eller en del av Programvaran, licensieras i sin helhet, utan kostnad till tredje man enligt dessa licensvillkor.
  </listitem>
  <listitem>
  </listitem>
  <listitem>
    Om den frndrade Programvaran i sitt normala utfrande kan utfra interaktiv kommandon nr det krs, mste Du tillse att nr Programmet startas skall det skriva ut eller visa, p ett enkelt tillgngligt stt, ett meddelande som tydligt och p ett skligt stt p varje exemplar fster en riktig upphovsrtsklausul och garantiavsgelse (eller i frekommande fall ett meddelande som klargr att Du tillhandahller en garanti) samt att mottagaren ger distribuera Programvaran enligt dessa licensvillkor samt bertta hur mottagaren kan se dessa licensvillkor. <note>
      Undantag: <title>Undantag: </title>
    </note>
  </listitem>
</orderedlist>

<para>Frn den hr skyldigheten undantas det fall att Programvaran frvisso r interaktiv, men i sitt normala utfrande inte visar ett meddelande av den hr typen. I sdant fall behver Verk baserat Programvaran inte visa ett sdant
Dessa krav gäller det frändrade verket i dess helhet. Om identifierbara delar av verket inte hörer från Programvaran och skiljen kan anses vara fristede och självständiga verk i sig, därför kan dessa licensvillkor inte gälla i de delarna när de distribueras som egna verk. Men om samma delar distribueras tillsammans med en helhet som innehåller verk som hörer från Programvaran, mste distributionen i sin helhet ske enligt dessa licensvillkor. Licensvillkoren skall i sådant fall gälla fr andra licenstagare fr hela verket och slunda till alla delar av Programvaran, oavsett vem som är upphovsman till vilka delar av verket.

Den här paragrafen skall slunda inte tolkas som att anspråk grörs på rättigheter eller att ifrågasätta Dina rättigheter till programvara som skrivits helt av Dig. Syftet är att tillse att kontrollera distributionen av derivativa eller samlingsverk av Programvaran.

Frekomsten av ett annat verk p ett lagringsmedium eller samlingsmedium som innehåller Programvaran eller Verk baserat på Programvaran leder inte till att det andra verket omfattas av dessa licensvillkor.

Du ger kopiera och distribuera Programvaran (eller Verk baserat på Programvaran enligt link paragraf 2) i objekt Kod eller i kvar form enligt villkoren i link paragraf 1 och link paragraf 2 frutsatt att Du också ger en av flera saker: 

- Bifogar den kompletta källkoden i maskinläsbar form, som mst distribueras enligt villkoren i link paragraf 1 och link paragraf 2 på ett medium som i allmänhet används för utbyte av programvara, eller

- Bifogar ett skriftligt erbjudande, med minst tre thers giltighet, att ge tredje man, mot en avgift som högst uppgr till Din kostnad att utföra fysisk distribution, en fullständig kopia av källkoden i maskinläsbar form, distribuerad enligt villkoren i paragraf 1 och 2 på ett medium som i allmänhet används för utbyte av programvara, eller

- Bifogar ett skriftligt erbjudande Du fick att erhålla källkoden. (Det här alternativet kan endast användas fr icke-kommersiell distribution och endast om Du erhöllit ett program i objekt kod eller kvar form med ett erbjudande i enlighet med b ovan.)

(kompilator, krna och s vidare) i vilket den krbara programvaran krs, om inte den hr komponenten medfljer den krbara programvaran.

Om distributionen av krbar Programvara eller objektkod grs genom att erbjuda tillgng till att kopiera frn en bestmd plats, d skall motsvarande tillgng till att kopiera kllkoden frn samma plats rknas som distribution av kllkoden, ven om tredje man inte behver kopiera kllkoden tillsammans med objektkoden.

Om distributionen av krbar Programvara eller objektkod grs genom att erbjuda tillgng till att kopiera frn en bestmd plats, d skall motsvarande tillgng till att kopiera kllkoden frn samma plats rknas som distribution av kllkoden, ven om tredje man inte behver kopiera kllkoden tillsammans med objektkoden.

Du ger inte kopiera, ndra, licensiera eller distribuera Programvaran utom p dessa licensvillkor. All vrig kopiering, ndringar, licensiering eller distribution av Programvaran r ogiltig och kommer automatiskt medfra att Du frlorar Dina rttigheter enligt dessa licensvillkor. Tredje man som har mottagit kopior eller rttigheter frn Dig enligt dessa licensvillkor kommer dock inte att frlora sina rttigheter s lnge de fljer licensvillkoren.


Var gng du distribuerar Programvaran (eller Verk baserat p Programvaran), kommer mottagaren per automatik att f en licens frn den frsta licensgivaren att kopiera, distribuera eller ndra Programvaran enligt dessa licensvillkor. Du ger inte lgga mottagaren ngra andra restriktioner n de som fljer av licensvillkoren. Du r inte skyldig att tillse att tredje man fljer licensvillkoren.

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Om delar av den hr paragrafen frklaras ogiltig eller annars inte kan verkstllas skall resten av paragrafen ga fortsatt giltighet och paragrafen i sin helhet ga fortsatt giltighet i andra sammanhang.
Syftet med den hr paragrafen r inte att frm Dig att beg patentintrng eller att beg intrng i andra rttigheter eller att frm Dig att bestrida giltigheten i sdana rttigheter. Den hr paragrafen har ett enda syfte, vilket r att skydda distributionssystemet fr fri programvara vilket ggr genom anvndandet av dessa licensvillkor. Mnga har bidragit till det stora utbudet av programvara som distribueras med hjlp av dessa licensvillkor och den fortsatta giltigheten och anvndningen av det hr systemet, men det r upphovsmannen sjlv som mste besluta om han eller hon vill distribuera Programvaran genom det hr systemet eller ett annat och en licenstagare kan inte tvinga en upphovsman till ett annat beslut.</para>

Den hr paragrafen har till syfte att stlla det utom tvivel vad som anses flja av resten av dessa licensvillkor.</para>

Om distributionen och/eller anvndningen av Programvaran r begrnsad i vissa lnder p grund av patent eller upphovsrtsligt skyddade grnssnitt kan upphovsmannen till Programvaran lgga till en geografisk spridningsklausul, enligt vilken distribution r tillten i lnder frutom dem i vilket det r frbjudet. Om s r fallet kommer begrnsningen att utgra en fullvrdig del av licensvillkoren.</para>

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Varje version ges ett srskiljande versionsnummer. Om Programvaran specificerar ett versionsnummer av licensvillkoren samt <quote>alla senare versioner</quote> kan Du vlja mellan att flja dessa licensvillkor eller licensvillkoren i alla senare versioner offentliggjorda av the Free Software Foundation. Om Programvaran inte specificerar ett versionsnummer av licensvillkoren kan Du vlja fritt bland samtliga versioner som ngonsin offentliggjorts av the Free Software Foundation.</para>

Om du vill anvnda delar av Programvaran i annan fri programvara som distribueras enligt andra licensvillkor, begr tillstnd frn upphovsmannen. Fr Programvaran var upphovsrts innehas av Free Software Foundation, skriv till Free Software Foundation, vi gr ibland undantag fr det hr. Vrt beslut grundas p vra tv mlatt bibehlla den fria statusen av alla verk som hrleds frn vr Programvara och frmjandet av att dela med sig av och teranvnda programvara i allmnhet.</para>

INGEN GARANTI
D DENNA PROGRAMVARA LICENSIERAS UTAN KOSTNAD GES INGEN GARANTI FR PROGRAMMET. UTOM SDAN GARANTI SOM MSTE GES ENLIGT TILLMPLIG LAG. FRUTOM D DET UTTRYCKS I SKRIFT TILLHANDAHILLER UPPOHOSRITTSINNEHAVAREN OCH/ELLER ANDRA PARTER PROGRAMMET <quote>I BEFINITLIGT SKICK</quote> ( <quote>AS IS</quote>) UTAN GARANTIER AV NGRA SLAG, VARKEN UTTRYCKLIGA ELLER UNDERFRSTDDDA, INKLUSIVE, MEN INTE BEGRNSAT TILL, UNDERFRSTDDDA GARANTIER VID KP OCH LMPLIGHET FR ETT SRSKILT NDAML. HELA RISKEN FR KVALITET OCH ANVNDBARHET BRS AV DIG. OM PROGRAMMET SKULLE VISA SIG HA DEFEKTER SKALL DU BRA ALLA KOSTNADER FR FELET AVHJLPANDE, REPARATIONER ELLER NDVNDIG SERVICE.

INTE I NGOT FALL, UTOM NR DET GLLER ENLIGT TILLMPLIG LAG ELLER NR DET VERENSKOMMITS SKRIFTLIGEN, SKALL EN UPPOHSRITTSINNEHAVARE ELLER ANNAN PART SOM GER NDRA OCH/ELLER DISTRIBUERA PROGRAMVARAN ENLIGT OVAN, VARA SKYLDIG UTGE ERSTTNING FR SKADA DU LIDER, INKLUSIVE ALLMN, DIREKT ELLERINDREKT SKADA SOM FLJER P GRUND AV ANVNDNING ELLER OMILIGHTHET ATT ANVNDNA PROGRAMVARAN (INKLUSIVE MEN INTE BEGRNSAT TILL FRLUST AV DATA OCH INFORMATION ELLER DATA OCH INFORMATION SOM FRAMSTLLTS FELAKTIGT AV DIG ELLER TREDE PART ELLER FEL DR PROGRAMMET INTE KUNNAT KRAS SAMTIDIGT MED ANNAN PROGRAMVARA), VEN OM EN SDAN UPPOHOSRITTSINNEHAVAREN ELLER ANNAN PART UPPLYSTS OM MILIGHTEN TILL SDAN SKADA.

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Version: 1.0.1
Last Modified: Feb. 5, 2001

The GNU Public License 2 in DocBook
<sect1 id="preamble" label="none">
<p>Open Source Used In Data Center Network Manager 11 11.5(4) 6942</p>
</sect1>
<para>bo v quyn li ca bn, chng ti ca a ra nhng hn ch cm bt c ai ph nhn bn c nhng quyn ny hay i hi bn t b n. Nhng s hn ch ny c hiu l mt s trch nhim nh thit ca bn nu bn ph t hnh bn sao ca th vin hoc sa i n.</para>

<para>Chng hn, nu bn ph t hnh bn sao ca th vin nh vy, d l cho kho ng hay thu tin, bn phi trao cho ngi nhn tt c nhng quyn bn c. Bn phi ch c h c ch cng nhn c hay th ly m ngun. Nu bn lin kt m ngun kho vi th vin, bn phi cung cp cc tp tin i tng hon thnh cho ngi nhn, h c th ln kt li tp tin nh vy vi th vin ri din ch li. V bn cng phi cho h bit nhng iu kin ny, h bit nhng quyn ca h.</para>

<para>Chng ti bo v quyn ca bn bng mt phng php hai bc: (1) chng ti bn quyn tc gi ca th vin, v (2) chng ti trao cho bn giy php ny bn c quyn hp php sao chp, ph t hnh v/hay sa i th vin.</para>

<para>Hn na, bo v mi nghi phn, chng ti mun chc chn l mi nghi hiu nh ph tr do ny kho ng c bo hnh. Nu th vin b sa i bi nghi kch c phn phng tip, chng ti mun nghi nhn bit rang c m h c kho ng phi l bn gc, v vy, bt k li no do nghi khe gy ra s kho ng lm mang ting n te gi gc.</para>

<para>Cui cng, chng trnh t do no no cng lun b e da bi bng sng ch phn mm. Chng ti mun ch chn l cng ty kho ng th gi th hn c cc ngi dng chng trnh t do, bng cng sinh c giy php hn ch t nghi gi sng ch. V vy chng ti c nht nh giy php sng ch no c sinh cho mtphin bn ca th vin ny phi ph hp vi ton b quyn t do c ghi r trong giy php ny.</para>

<para>Phn ln phn mm GNU, gm c mt s th vin, c bao qu t bi Giy php Cng cng GNU chun. Giy php ny, Giy php Cng cng Ph GNU, d phng cho mt s th vin xc nh: n rt khe vi Giy php Cng cng GNU chun. Chng ti s dng giy php ny cho mt s thvin ring, cho php h nhng ln kt th vin nh vy vo chng trnh kho t do.</para>

<para>Khi chng trnh c lin ln ki th vin, bt cph mt cch trnh hay bng th vin dng chung, s kt hp hai iu ny ni hp ph l mt sn phm kt hp, sn phm dn xut th vin gc. Giy php Cng cng GNU chun th cho php kho ng lin kt nh vy ch nh ton b s kt hp tho iu quyn t do ca n. Giy php Cng cng Ph GNU cho php iu quyn nhng lin kt m ngun kho vi th vin.</para>

<para>Chng ti gi giy php ny Giy php Cng cng <quote>Ph</quote> v n ln t bo v quyn t do ca nghi dng hn Giy php Cng cng chun. N cng cung cp cho cc nh ph tr ln phn mm t do t thi ln chng trnh kho t do cnh trnh. Nhng nhc im ny l l do chng ti s dng Giy php Cng cng chun cho rt nhiu th vin. Tuy nhn, giy php Ph cung cp li ch trong mt s trng hp c bit.</para>

<para>Chng hn, rt ln c nh cu c bit h tr cch s dng rng ri nhc t th mt th vin no, n tr nhc mt iu quyn nh th. t mc ch ny, cc chng trnh kho t do cng phi c quyn s dng th vin . Mt trng hp xy ra nhui ln ln th vin t do ln cng mt cng vic vi th vin kho t do c s dng rng ri. Trong trng hp ny, kho ng c li ch nhui khi gi gi ln th vin t do trong ch phn mm t do, v th chng ti s dng Giy php Cng cng Ph.</para>

<para>Trong trng hp kho, quyn s dng mt th vin no trong chng trnh kho t do cng cho rt nhiu nghi c kh ng ng s dng mt tp phn mm t do rt ln. Chng hn, quyn s dng Th vin C ca GNU trong cc chng trnh kho t do th cho rt nhiu nghi thm c kh ng ng s dng ton b h iu hnh GNU, cng nh bin th ca n, h iu hnh GNU/Linux.</para>

<para>Mc d Giy php Cng cng Ph lm t hnh bo v quyn t do ca nghi dng, n c phi m bo rng nghi dng chng trnh c lin ln th Vin c quyn t do v kh ng ng cng trnh , bng mt phn bn sa i ca Th vin.</para>

<para>Theo y c nhng iu kin chnh xc sao chp, ph t hnh v sa i. Hy tp trung cn thn s kho bit gia <quote>mt sn phm da vo th vin</quote> v <quote>mt sn phm s dng th vin</quote>. iu trc cha m bt ngun t th vin, cn iu sau phi c kt hp vi th
vin chy c.</para>

</sect1>

<sect1 id="terms" label="none">
<title>IU KIN SAO CHP, PHT HNH V SA I</title>

<sect2 id="sect0" label="0">
<title>Phn 0</title>

<para>iu kin Quyn ny p dng cho bt k th vin phn mm hay chng trnh khc m cha mt thng bo c chn vo bi ngi gi te quyn hay bt k bn c quyn ni rrng c th ch c phn hnh theo cc iu khon ca Giy php Cng cng Ph ny (cng c gi nh l <quote>Giy php ny</quote>). Mi nghi c cp bn quyn c gi i <quote>bn</quote>.</para>

<para>Mt <quote>th vin</quote> ngaha l mt tp hp cc hm phn mm v/hay d liu c chun b c lin kt tin li vi chng trnh ng dng (m s dng mt s hm v/d liu trong tp hp ny) xy dng tp tin c kh nng the hin.</para>

<para>Th vin <quote>sn phm da trn Th vin</quote> c ngaha l Th vin hay bt k sn phm no bt ngun t n di lut bn quyn: tc l, sn phm cha Th vin hay mt phn ca n, hoc ng nguy vn hoc vi s i v/hoc c dch sang mt ngng ng khc. (K t cu ny, vic dch ngng ng c bao gm v hn trong thut ng <quote>s sa i</quote>.)</para>

<para>M ngun <quote>ca sn phm c ngaha l dng the sn phm c a thch khi sa i n. i vi th vin, ton b m ngun c ngaha l tt c cc m ngun cho mi m-un cha, cng vi bt c tp tin xc nh gia din tng ng, cng vi cc vn ln c dng iu khin tin trnh bin dch v c t th vin.</quote></para>

<para>Nhng hot ng khc ngoi s sao chp, phn hnh v sa i khng c kim sot bi Giy php ny; n ngoi phm vi ca giy php ny. Hnh ng ch Th vin khng b bn ch, v d liu xut t Th vin ch b khng ch nu ni dung ca n to thnh mt sn phm da vo Th vin (khng ph thuc vo vic s dng Th vin nh l cng c c h i n). iu cng hay khng ph thuc vo iu m Th vin to ra, v iu m chng trnh s dng Th vin to ra.</para>

</sect2>

<sect2 id="sect1" label="1">
<title>Phn 1</title>

<para>Bn c quyn sao chp v phn hnh bn sao ngng vn ca ton b m ngun ca Th vin nh bn nhn n, bnng bt k cch no, min l bn cng b r rrng v thch ng trn mi bn sao mt thng bo te quyn thch hp v min tr bo hnh; gi nguy vn mi thng bo lin quan n Giy php ny v min tr bo hnh; v a cho nhng ngo nhn Chng trnh nhc mt bn sao ca Giy php cng vi Th vin.</para>

<para>Bn c th thu ph cho vic gi bn sao, v bn c th ty ngh cng cp dch v bo hnh c thu ph.</para>

</sect2>

<sect2 id="sect2" label="2">
<title>Phn 2</title>

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you also meet all of these conditions:

<orderedlist numeration="loweralpha">
  <listitem>
    <para>
      The modified work must itself be a software library.
    </para>
  </listitem>
  <listitem>
    <para>
      You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
    </para>
  </listitem>
  <listitem>
    <para>
      You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
    </para>
  </listitem>
  <listitem>
    <para>
      If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
    </para>
  </listitem>
</orderedlist>

<para>
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
</para>

<para>
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</para>

<para>
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</para>

<para>
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
</para>

</sect2>

<sect2 id="sect3" label="3">
<title>Phn 3</title>
<para>Bn c th chn p dng cc iu kin ca Giy php Cng cng GNU chun, thay cho Giy php ny, cho mt bn sao no ca Th vin. Lm nh th, bn phi thay i mi thng bo cp Giy php ny, cp Giy php Cng cng GNU chun, phin bn 2, thay cho Giy php ny. (C phin bn mi hn ca Giy php Cng cng GNU chun th bn c th ghi r phin bn thay th, nu bn mun.) Ng thay i g khc trong nhng thng bo ny.</para>

<para>Mt khi lm thay i ny trong bn sao no, khng th o ngc li cho bn sao, v th Giy php Cng cng GNU chun p dng cho tt c cc bn sao ph v sn phm bt ngun t bn sao.</para>

<para>Ty chn ny khng c ch khi bn mun sao chp phn m ngun ca Th vin vo mt chng trnh khng phi l th vin.</para>
</sect2>

<sect2 id="sect4" label="4">
<title>Phn 4</title>
<para>Bn c quyn sao chp v pht hnh Th vin (hoc on no ca n hoc sn phm da vo n, di <link linkend="sect2">Phn 2</link> trong dng thc m i ng hay tp tin chy c vi iu kin ca <link linkend="sect1">Phn 1</link> v <link linkend="sect2">2</link> bn trn, min l bn km theo ton b m ngun tng ng m my c th c c, c pht hnh vi iu kin ca Phn <link linkend="sect1">1</link> v <link linkend="sect2">2</link> bn trn, trn thit b lu tr thng dng trao i phn mm.</para>

<para>Nu vic pht hnh m i ng c lm bng cch trao truy cp sao chp t mt ni xe nh, th vic trao cc truy cp sao chp tng
ng n m ngun t cng ni c tn h l s pht hnh m ngun, mc d ngi khe khng bt buc phi sao chp m ngun cng vi m i tng.

</sect2>

sect2 id="sect5" label="5">
<title>Phn 5</title>

<para>Mt chng trnh khng cha sn phm bt ngun t bt c on no ca Th vin, cn c thit k lm vic vi Th vin bng cch c bin dch hay lin kt vi n, c gi l <quote>sn phm s dng Th vin</quote>. Sn phm nh vy, c lp khng phi l sn phm bt ngun t Th vin th nm ngoi phm vi ca Giy php ny.</para>

<para>Tuy nhin, vic lin kt mt <quote>sn phm s dng Th vin</quote> vi Th vin th to mt tp tin chy c bt ngun t Th vin (v n cha on ca Th vin), hn l mt <quote>sn phm s dng Th vin</quote>. Tp tin chy c th c bao qut bi Giy php ny. <link linkend="sect6">Phn 6</link> ph t biu cc iu kin pthread nh tp tin chy c nh vy.</para>

<para>Khi mt <quote>sn phm s dng Th vin</quote> cng s dng on no ca tp tin phn u thuc v Th vin, m i tng cho sn phm ny c th l mt sn phm bt ngun t Th vin, mc d m ngun khng phi. iu ng hay khng l quan trng c bit nu sn phm ny c th c lin kt khng c Th vin, hoc nu sn phm ny nh nh n t Th vin. Php lut cha x ch nh chnh xc ngng ng ca trng hp ny.</para>

<para>Tp tin i tng nh vy s dng ch cc tham s kiu s, b tr cu trc l.liu, v v lnh nh v hm trc tip nh (mi iu c d ti a 10 dng) th cch s dng tp tin i tng l v hn, bt cph n hp l l sn phm bt ngun. (Tp tin chy c cha m i tng ny cng vi on ca Th vin vn cn nm di <link linkend="sect6">Phn 6</link>.)</para>

<para>Khung th, nu sn phm bt ngun t Th vin, bn c th pt hnh m i tng ca sn phm theo iu kin ca <link linkend="sect6">Phn 6</link>. Bt k tp tin chy c cha sn phm cn nh m di <link linkend="sect6">Section 6</link>, bt cph n c lin kt trc tip vi Th vin chnh n.</para>

</sect2>

sect2 id="sect6" label="6">
<title>Phn 6</title>

<para>Phn trn l bn cng c th kt hp hay lin kt mt <quote>sn phm s dng Th vin</quote> vi Th vin to mt sn phm cha on ca Th vin, ri pt hnh sn phm di cc iu khon bn chn, min l iu khon ny cho php sa i sn phm cho ngi khch s dng ring, v cho php thit k i chiu g li trong s sa i nh vy.</para>

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<orderedlist numeration="loweralpha">
<li><para>Ngoi l nhng Phn trn l bn cng c th kt hp hay lin kt mt <quote>sn phm s dng Th vin</quote> vi Th vin to mt sn phm cha on ca Th vin, ri pt hnh sn phm di cc iu khon bn chn, min l iu khon ny cho php sa i sn phm cho ngi khch s dng ring, v cho php thit k i chiu g li trong s sa i nh vy.</para></li>
</orderedlist>

</para>
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections <link linkend="sect1">1</link> and
<link linkend="sect2">2</link> above); and, if the work is an
executable linked with the Library, with the complete machine-readable
<quote>work that uses the Library</quote>, as object code and/or source
code, so that the user can modify the Library and then relink to
produce a modified executable containing the modified Library. (It is
understood that the user who changes the contents of definitions files
in the Library will not necessarily be able to recompile the application
to use the modified definitions.)
</para>
</listitem>
</listitem>
<para>
Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.
</para>
</listitem>
</listitem>
<para>
Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in <link linkend="sect6a">Subsection 6a</link>, above, for a charge no more than the cost of performing
this distribution.
</para>
</listitem>
</listitem>
<para>
If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.
</para>
</listitem>
</listitem>
<para>
Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.
</para>
</listitem>
</listitem>
</orderedlist>
<para>i vi tp tin chy c, dng the cn thit ca <quote>sn phm s dng Th vin</quote> phi cha chng trnh no kiu d liu hay tin ch cn thit to li tp tin chy c t n. Tuy nhin, ngoi l c bit l cc nguy liu c phh hhng cn phi bao gm nhng g c phh hhng hhng thng (trong thng thc hoc ngun hoc nh phn) vi cc thnh phn chnh (b bin dich, ht nhn v.v.) ca h iu hhng ni tp tin chy c hot ng, tr khi thnh phn km theo cn thit chy tp tin.</para>

<para>C th xy ra rng iu kin ny mu thun s hn ch giy php ca th vin s hu kch hhng bhng thng km theo h iu hhng. S mu thun nh vy c ngha l bn khhng th s dng c th vin nh vy v Th vin u trong tp tin chy c bn phh hhng.</para>

<sect2 id="sect7" label="7">
<title>Phn 7</title>

<para>Bn c th chc nng th vin l sn phm da vo Th vin cnh nhau trong mt th vin ring l, cng vi cc chc nng th vin hhng c bao qut bi Giy php ny, v phh hhng th vin kt hp nh vy, min l cho php phh hhng ring <quote>sn phm s dng Th vin</quote> v chc nng th vin kkhc, v min l bn lm hai vic ny:</para>

<orderedlist numeration="loweralpha">
<li>km theo th vin kt hp mt bn sao ca cng <quote>sn phm s dng Th vin</quote>, ring vi chc nng th vin khh no. N phi c phh hhng vi cc iu khon ca nhng Phn trn.</li>
<li>Cng b r rng trn th vin kt hp thng bo rng phn ca n l <quote>sn phm s dng Th vin</quote>, cng ch ti ni cha dng the ring ca cng sn phm km theo.</li>
</orderedlist>

<sect2 id="sect8" label="8">
<title>Phn 8</title>

<para>Khng cho php bn sao chp, sa i, lin kt vi hay phh hhng Th vin, tr vi iu kin c din t dt khot trong Giy php ny. Bt k s c gng no trong vic sao chp, sa i, cp giy php ph, lin kt vi hay phh hhng Th vin bng cch khh b bi b, v s t ng kt the cc quyn ca bn di Giy php ny. Tuy nhin, nghi khh khi bn sao hay quyn t bn di Giy php ny s khng b nh hng, min l h tip tc tun theo hon ton.</para>

<sect2 id="sect9" label="9">
<title>Phn 9</title>

<para>Bn khng bt buc phi chp nhn Giy php ny, v bn cha k tn vo n. Tuy nhin, khng c g khh cho php bn sa i hay phh hhng Th vin hay sn phm bt ngun t n. Cc hhng ng ny b php lut cm nu bn khng chp nhn Giy php ny. V vy, bng cch sa i hay phh hhng Th vin (hay sn phm da vo n), bn ng s chp nhn Giy php ny lm nh th, gm iu kin sao chp, phh hhng hay sa i Th vin hay sn phm da vo n.</para>

<sect2>
<sect2 id="sect10" label="10">
<title>Phn 10</title>

<p>Mi ln bn pt hnh li Th vin (hay sn phm da vo Th vin), ngi nhn c th nhn t ng mt giy php t ngi cp gc, sao chp, pt hnh, lin kt vi hay sa i Th vin vi iu kin ny. Khng cho php bn hn ch thm cch ngh dng s dng cc quy n c cp trong Giy php ny. Bn cng khng phi chu trch nhim v vic p buc ngi khc tun theo iu kin ca Giy php ny.</p>

</sect2>

<sect2 id="sect11" label="11">
<title>Phn 11</title>

<p>Nu, do kt qu ca quy t nh ca to n hay cc co buc vi phm bng sng ch hay v bt c I do no (khng b gi hi hn trong vn bng sng ch), bn b p buc chp nhn iu kin (hoc v quy t nh ca to n, s thun hoc cch khc no) m mn thun iu kin ca Giy php ny, trng hp ny khng min cho bn khng phi th thn iu kin ca Giy php ny. Nu bn khng th ph hnh bng cch th a mt ng thi cc gia o c ca bn dc Giy php ny v bt k gia o c thc h th hp khc, th kt qu l khng cho php bn ph hnh Th vin bng cch no c. Ly th d, nu mt bng sng ch no khng cho php s ph hnh li Th vin mt cch min tin bn quy ph nt nh nh mi ngi nhn bn sao t bn mt cch trc tip hay gin tip, th cch duy nh bn c th th ca c bng v Giy php ny l hon ton khng ph hnh Th vin.</p>

<p>Nu on no trong phn ny c quy t nh l khng hp l hay khng th c p buc trong bt k trng hp ring no, on cn li d nh p dng c, v ton b phn d nh p dng trong cc trng hp khc.</p>

</sect2>

<sect2 id="sect12" label="12">
<title>Phn 12</title>

<p>Khng phi l mc ch ca phn ny xi gia bn vi phm bng sng ch no hay li yu sch quy n ti sn khc, hoc khng th nh nh s hlp c ca li yu sch nh vy; phn ny c mc ch d cu nh nh l bo v thnh trng nguy vn ca h thng pt hnh phn mn t do, m c thc th bi cc p dng giy php cng cng. Nhieu ngi ng gp ngi lng cho mt phm v rng ca cc phn mn c ph hnh pha h thng, nh s thc th nh b thng: ty tc gi / nghi trng quy n nh nh mnh pt hnh phn mn qua h thng khc no, v nghi c cp Giy php khng th iu khin cch quy t nh .</p>

<p>Nu s ph hnh v/hay cch s dng Th vin b hnh trong mt s quc gia no , hoc bi bng sng ch hoc bi gia o din c bn quy n te gi, nghi te quyn ge t Th vin di Giy php ny c kh ngh thm s hn ch ph hnh a l ring loi tr nhng quy gia , cho php ph hnh ch trong hay gia cc quy gia khng b loi tr nh th. Trong trng hp nh vy, Giy php ny hp nh s hn ch nh l n c ghi trong thn ca Giy php ny.</p>

</sect2>

<sect2 id="sect13" label="13">
<title>Phn 13</title>

<p>T chc Phn mn T do c th xut bn phin bn sa i v/hay mi ca Giy php Cng cng Ph GNU. Phin bn mi nh vy s c thnh thn trng t vi phin bn hnh thi, nhng c th khc bit trong chi tit gi quy t vn mi.</p>

<p>Mi phin bn c gn mt s hiu phn bit phin bn , Nu Th vin xch nh s phin bn ring ca Giy php ny p dng cho n, v bt k phin bn sau no</p>

</sect2>
T chc Phn mm T do. Nu Th vin khng xc nh s phin bn ring ca Giy php ny, bn c kh nng chn bt k phin bn no ca Giy php
ny c xut bn bi T chc Phn mm T do.</para>
</sect2>

<sect2 id="sect14" label="14">
<title>Phn 14</title>
<para>Nu bn mun hp nht phn no ca Th vin vo chng trnh t do khec c iu kin pht hnh khng tng thch vi Giy php ny, hy
xin php tc gi, i vi phn mm c bn quyn tc gi ca T chc Phn mm T do, hy vit th cho T chc Phn mm T do : thng thong
chng ti cho php ngoi l trong trng hp ny. Quyt nh ca chng ti s c hng dn bi hai mc ch l s bo tn trng thi t do ca mi iu bt
ngun t phn mm t do ca chng ti, v s y mnh s chia s v s dng li phn mm mt cch chung.</para>
</sect2>

<sect2 id="sect15" label="15">
<title>KHNG BO HNH</title>
<subtitle>Phn 15</subtitle>
<para>V TH VIN C CP PHP MIN PH, KHNG C BO HNH I VI TH VIN NY, VI IU KIN C PHP LUT CHO
PHP. TR KHI XC NH KHC BNG TI LIU GIY T, CC NGI GI BN QUYN TC GI V/HAY NGI KHC CUNG CP TH
VIN NY <quote>NH TH</quote>, KHNG C BO HNH G C, KHNG PHT BIU N, CNG KHNG NG N, GM, NHNG
KHNG B HN CH BI, S BO M NG TNH TRNG C TH BN C V S THCH HP VI MT MC CH DT KHOT. MI RI RO
V CHT LNG, CHNH XC V HIU SUT CA TH VIN NY BN S T CHU. NU TH VIN NY GY RA H HNG, BN GNH
VC HON TON TRCH NGHIM TR TIN DCH V GIP HAY SA CHA.</para>
</sect2>

<sect2 id="sect16" label="16">
<title>Phn 16</title>
<para>KHNG C TRNG HP NO (TR KHI PHP LUT YU CU HAY KHI C THA THUN BNG TI LIU GIY T) M
BT K NGI GI BN QUYN TC GI NO, HAY BT K NGI KHC NO C TH SA I V/HAY PHT HNH LI TH VIN NH C
PHP BN TRN, S C TRCH NHIM V PHP L BI THNG, GM BT K BI THNG KIU TNG QUT, C BIT, NGU NHIN
HAY DO HU QU DO S DNG HAY S KHNG C KH NNG S DNG TH VIN NY (GM NHNG KHNG PHI B HN TH
BI S MT D LIU HAY D LIU B LM CHO KHNG CHNH XC HAY CC MT MT CA BN HAY NGI KHC HAY S
KHNG HOT NG C TH VIN NY VI CHNG TRNH KHC), THM CH NU BN HAY NGI KHC C BO BIT C KH
NNG THIT HI NH VY.</para>
</sect2>
</sect1>
</article>
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garanta a cambio de unos honorarios.</para>
</sect2>

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<title>Seccin 2</title>
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</orderedlist>
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quin la escribi.</para>
</sect2>
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<sect2 id="sect12" label="12">
<title>Sección 12</title>


</sect2>
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</article>
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<sect1 id="fdl-section7" label="7">
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copies of the Document, then if the Document is less than one
quarter of the entire aggregate, the Document's Cover Texts may
be placed on covers that surround only the Document within the
aggregate. Otherwise they must appear on covers around the whole
aggregate.
</para>
</sect1>

<sect1 id="fdl-section8" label="8">
<title></title>
<para>
</para>
</sect1>

<sect1 id="fdl-section9" label="9">
<title></title>
<para>
</para>
</sect1>

<sect1 id="fdl-section10" label="10">
<title></title>
<para>
</ulink>

<quote></quote>()() </para>
</sect1>

<sect1 id="fdl-using" label="none">
<title></title>

</sect1>
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GNU

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# FIRST AUTHOR <EMAILADDRESS>, YEAR.
# Fran Dieguez <frandieguez@gnome.org>, 2011.
#
msgid 
msgstr 
"Project-Id-Version: gnome-desktop gnome-3-2\n" "POT-Creation-Date: 2018-03-11 09:24+0000\n" "PO-Revision-Date: 2018-03-13 22:33+0100\n" "Last-Translator: Fran Dieguez <frandieguez@gnome.org>\n" "Language-Team: Galician <gnome-l10n-gl@gnome.org>\n" "Language: gl\n" "MIME-Version: 1.0\n" "Content-Type: text/plain; charset=UTF-8\n" "Content-Transfer-Encoding: 8bit\n" "Plural-Forms: nplurals=2; plural=(n!=1)\n" "X-Generator: Poedit 2.0.6\n"

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msgctxt 
msgid "translator-credits"
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#: C/index.docbook:97
msgid "APPLICABILITY AND DEFINITIONS"
msgstr "APLICABILIDADE E DEFINICINS"

#. (itstool) path: sect1/para
#: C/index.docbook:98
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#. (itstool) path: sect1/para
#: C/index.docbook:107
msgid "A <quote>Modified Version</quote> of the Document means any work containing the Document or a portion of it, either copied verbatim, or with modifications and/or translated into another language.

msgstr "Unha <quote>Versin Modificada</quote> do Documento significa calquera traballo que contea o Documento ou unha porcin do mesmo, xa sexa unha copia literal ou con modificacins e/ou traducins a outro idioma."

#. (itstool) path: sect1/para
#: C/index.docbook:114
msgid ""A <quote>Secondary Section</quote> is a named appendix or a front-matter section of the <link linkend="fdl-document">Document</link> that deals exclusively with the relationship of the publishers or authors of the Document to the Document's overall subject (or to related matters) and contains nothing that could fall "directly within that overall subject. (For example, if the Document is in part a textbook of mathematics, a Secondary Section may not explain any mathematics.) The relationship could be a matter of historical connection with the subject or with related matters, or of legal, commercial, philosophical, ethical or "political position regarding them."

msgstr ""Unha <quote>Seccin Secundaria</quote> un apndice con ttulo ou unha seccin preliminar do <link linkend="fdl-document">Documento</link> que trata exclusivamente da relacin entre os autores ou editores e o tema xeral do Documento (ou temas relacionados) pero que non contn nada que entre directamente en devandito "tema xeral (por exemplo, se o Documento en parte un texto de matemticas, unha Seccin Secundaria pode non explicar nada de matemticas). A relacin pode ser unha conexin histrica co tema ou temas relacionados, ou unha opinin legal, comercial, filosfica, tica ou politica acerca deles."

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msgstr ""
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#. (itstool) path: sect1/para
#: C/index.docbook:176
msgid ""
msgstr ""
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msgstr ""
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#. (itstool) path: sect1/title
#: C/index.docbook:188
msgid "VERBATIM COPYING"
msgstr "COPIA LITERAL"

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#: C/index.docbook:189
msgid ""
msgstr ""
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"linkend="fdl-section3">section 3</link>." 
msgstr ""
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#. (itstool) path: sect1/para
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Opaque copy (directly or through your agents or retailers) of that edition to the "
"public."

msgstr ""

#. (itstool) path: sect1/para
#: C/index.docbook:257
msgid "It is requested, but not required, that you contact the authors of the <link linkend="fdl-
document">Document</link> well before redistributing any large number of copies, to give them a chance to
provide you with an updated version of the Document."
msgstr "Se solicita, anda que non requixo, que se poa en contacto cos autores do <link linkend="fdl-
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#. (itstool) path: sect1/title
#: C/index.docbook:266
msgid "MODIFICATIONS"
msgstr "MODIFICACINS"

#. (itstool) path: sect1/para
#: C/index.docbook:267
msgid ""
"You may copy and distribute a <link linkend="fdl-modified">Modified Version</link> of the <link
linkend="fdl-document">Document</link> under the conditions of sections <link linkend="fdl-
section2">2</link> and <link linkend="fdl-section3">3</link> above, provided that you release the Modified
Version under 
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modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the
Modified Version:" 
msgstr ""

#. (itstool) path: listitem/para
#: C/index.docbook:282
msgid ""
"Use in the <link linkend="fdl-title-page">Title Page</link> (and on the covers, if any) a title distinct from that of
the <link linkend="fdl-document">Document</link>, and from those of previous versions (which should, if there
were any, be listed in the History section of the Document). You may use the same title 
"as a previous version if the original publisher of that version gives permission."
msgstr ""

#. (itstool) path: listitem/para
#: C/index.docbook:295
msgid ""
"List on the <link linkend="fdl-title-page">Title Page</link>, as authors, one or more persons or entities
responsible for authorship of the modifications in the <link linkend="fdl-modified">Modified Version</link>,
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msgstr ""
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authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.

msgid ""
"Preserve a section titled <quote>Historical</quote> and its title and add an element that contains at least the title, the year, the new authors, and the editor of the Document (if any) as stated in the previous sentence as the Modified Version." in the section named <link linkend="fdl-modified">Version Modificada</link> on the page named <link linkend="fdl-title-page">Titulo</link>. If there is no section titled <quote>Historical</quote> in the Document, create one that indicates the title, the year, the authors, and the editor of the Document as stated in the previous sentence.

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msgid ""En cualquier sección titulada <quote>Agradecimientos</quote> o <quote>Dedicatorias</quote>, conserve el título de la sección y conserve en la sección toda la sustancia y el tono de cada uno de los reconocimientos y/o dedicaciones indicados por cada contribuyente.

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msgid ""Do not retitle any existing section as <quote>Endorsements</quote> or to conflict in title with any <link linkend="fdl-invariant">Invariant Section</link>."

msgid ""Non cambiar el título de ninguna sección existente a <quote>Aprobaciones</quote> o a conflictar el título con cualquier <link linkend="fdl-invariant">Sección Invariant</link>.

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Version 2, June 1991

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Zagotoviti je treba, da je vsako delo, ki ga razirjate ali izdajate in ki v celoti ali deloma vsebuje program ali katerikoli njegov del ali pa je iz njega izpeljano, objavljeno pod pogoji tega dovoljenja kot celota brez plaila katerikoli tretji osebi.

Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

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Te zahteve se nanaajo na spremenjeno delo kot celoto. e razdelki tega dela, ki jih je lahko prepoznati, niso izpeljani iz programa in se jih lahko ima za neodvisna in loena dela sama po sebi, potem to dovoljenje in njeni pogoji zanje ne veljajo, kadar jih razirjate loeno. Vendar, kadar te iste razdelke razirjate kot del celote, ki je del, ki temelji na programu, mora biti razirjanje celote izvedeno pod pogoji tega dovoljenja, katerega dovoljenja za druga dovoljenja se razirjajo na vso celoto in torej na vsak njen del, ne glede na to, kako ga je napisal.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you;
rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program."
msgid "Torej, namen tega razdelka ni, da bi zanikal ali spodbijal vaše pravice do dela, ki ste ga v celoti napisali sami; namesto tega je namen raziriti pravico do nadzora razirjanja na izpeljana ali zbrana dela, ki temeljijo na programu."

#: C/index.docbook:253(sect2/para)
msgid "In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License."
msgid "Poleg tega, e gre za zgolj kopijenje drugega dela, ki ne temelji na programu, s programom (ali z delom, ki temelji na programu) na mediju za shranjevanje ali distribucijskem mediju, se dovoljenje na to drugo delo ne nanaa."

#: C/index.docbook:261(sect2/title)
msgid "Section 3"
msgstr "Razdelek 3"

#: C/index.docbook:271(listitem/para)
msgid "Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a medium customarily used for software interchange; or,"
msgid "opremite ga s popolno in ustrezno izvorno kodo v strojno berljivi obliki, ki mora biti razirjana pod pogoji zgornjih razdelkov 1 in 2 na nosilcu, ki se navadno uporablja za izmenjavo programske opreme; ali,"

#: C/index.docbook:278(listitem/para)
msgid "Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,"
msgid "opremite ga z napisano ponudbo, veljavno vsaj tri leta, da boste katerikoli tretji osebi, za plailo, ki ne bo presegalo vaj strokov fizinega izvajanja izvorne distribucije, dali popoln izvod ustrezne izvorne kode v strojno berljivi obliki, ki bo razirjana pod pogoji zgornjih razdelkov 1 in 2 na nosilcu, ki se obiajno uporablja za izmenjavo programske opreme; ali,"

#: C/index.docbook:287(listitem/para)
msgid "Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)"
msgid "opremite ga s podatki, ki ste jih dobili vi, kot ponudbo distribucije ustrezne izvorne kode. (Ta alternativa je dovoljena le za nekomercialne distribucije in le, e ste dobili program v obliki izvorne kode ali izvedljivi obliki s takno ponudbo, glede na podrazdelek b, zgoraj.)"

#: C/index.docbook:263(sect2/para)
msgid "You may copy and distribute the Program (or a work based on it, under <link linkend="\"sect2\"">Section 2</link>) in object code or executable form under the terms of <link linkend="\"sect1\"">Sections 1</link> and <link linkend="\"sect2\"">2</link> above provided that you also do one of the following: <_:orderedlist-1/>"
msgid "Program (ali delo, ki temelji na njem, pod doloil <link linkend="\"sect2\"">razdelka 2</link>) je dovoljeno
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

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modifying the Program or works based on it."

msgstr "Ni vam treba sprejeti pogojev dovoljenja, saj ga niste podpisali. Vendar vam razen nje ni ne dovoljuje spreminjanja ali razirjanja programa ali iz njega izpeljenih del. e ne sprejmete tega dovoljenja, ta dejanja prepoveduje zakon. Torej, s spremembo ali razirjanjem programa (ali kateregakoli dela, ki temelji na programu), pokaete svoje strinjanje s tem dovoljenjem in z vsemi njegovimi doloili in pogoji za razmnoevanje, razirjanje ali spreminjanje programa ali del, ki temeljijo na njem."

#: C/index.docbook:341(sect2/title)
msgid "Section 6"
msgstr "Razdelek 6"

#: C/index.docbook:343(sect2/para)
msgid "Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License."

msgstr "Vsaki, ko razirjate program (ali katerokoli delo, ki temelji na programu), prejemnik samodejno prejme dovoljenje izvornega izdajatelja dovoljenja (angl. original licensor) za razmnoevanje, razirjanje ali spreminjanje programa glede na ta doloila in pogoje. Ni dovoljeno vsiljevati nobenih nadaljnjih omejitev izvajanja prejemnikovih pravic, podeljenih tukaj. Niste odgovorni za vsiljevanje strinjanja tretjih oseb s tem dovoljenjem."

#: C/index.docbook:353(sect2/title)
msgid "Section 7"
msgstr "Razdelek 7"

#: C/index.docbook:355(sect2/para)
msgid "If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program."

msgstr "e so vam, kot posledica presoje soda ali suma krivte patenta ali zaradi kateregakoli drugega razloga (ne omejenega zgolj na patentna vpraanja), vsiljeni pogoji (bodisi z odlokom soda, sporazumom ali drugae), ki nasprotujejo pogojem tega dovoljenja, vas ne odvezujejo pogojev tega dovoljenja. e programa ne morete razirjati tako, da hkrati zadostite svojim obvezam pod dovoljenjem in katerimkoli drugim pristojnim obvezam, potem posledino sploh ne smete razirjati programa. Na primer, e patentno dovoljenje ne dovoli razirjanja programa brez plaevanja avtorskega honorarja vseh, ki prejmejo kopije neposredno ali posredno od vas, potem je edina mona pot, da zadostite temu pogoju in temu dovoljenju ta, da se v celoti vzdrite razirjanja programa."

#: C/index.docbook:367(sect2/para)
msgid "If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances."

msgstr "e se za katerikoli del tega razdelka ugotovi, da je neveljaven ali da se ga ne da izvajati pod kateremkoli doloenim pogojem, je miljeno, da velja usmeritev tega razdelka (angl. balance of the section) in razdelek kot celota velja v drugih primerih."
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#: C/index.docbook:446(sect2/title)
msgid "Section 12"
msgstr "Razdelek 12"

#: C/index.docbook:448(sect2/para)
msgid "IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES."
msgstr "V NOBENEM PRIMERU, RAZEN E TAKO PRAVI VELJAVNI ZAKON ALI JE PISNO DOGOVORJENO, NE BO LASTNIK PRAVIC RAZIRJANJA ALI KATERAKOLI DRUGA OSEBA, KI LAHKO SPREMEMI IN/ALI PONOVNO RAZIRJA PROGRAM, KOT JE DOVOLJENO ZGORAJ, PREVZEL ODGOVORNOSTI ZARADI KODE, NAJSI GRE ZA SPLONO, POSEBNO, NENAMERNO KODO ALI KODO, IZHAJAJOZ IZ UPORABE ALI NEZMONOSTI UPORABE PROGRAMA (VKLJUNO Z, A NE OMEJENO NA, IZGUBO PODATKOV ALI NENATANNO OBDELAVO PODATKOV ALI IZGUBO, POVZROENO VAM ALI TRETJIM OSEBAM ALI NEZMONOST PROGRAMA, DA BI DELOVAL S KAKIM DRUGIM PROGRAMOM), ETUDI JE BIL TAK LASTNIK ALI DRUGA OSEBA OBVEEN O MONOSTI NASTANKA TAKNE KODE."

#: msgid "2000"
#: msgstr "2000"

#: msgid "2"
#: msgstr "2"

#: msgid "1991-06"
#: msgid "junij 1991"
# Occitan translation of desktop-gpl.
# Copyright (C) 2005-2006 Free Software Foundation, Inc.
# This file is distributed under the same license as the gnome-desktop
# documentation package.
# Yannig MARCHEGAY (yannig@marchegay.org> - 2006-2007
# msgid ""
# msgstr ""
"Project-Id-Version: desktop-lgpl fr\n"
"Report-Msgid-Bugs-To: \n"
"POT-Creation-Date: 2007-08-25 19:45+0100\n"
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"price. Our General Public Licenses are designed to make sure that you have "
"the freedom to distribute copies of free software (and charge for this "
"service if you wish); that you receive source code or can get it if you want "
"it; that you can change the software and use pieces of it in new free "
"programs; and that you are informed that you can do these things."

msgstr ""

#: C/lgpl.xml:98(para)
msgid ""
msgstr ""

"To protect your rights, we need to make restrictions that forbid "
"distributors to deny you these rights or to ask you to surrender these "
"rights. These restrictions translate to certain responsibilities for you if "
"you distribute copies of the library or if you modify it."

msgstr ""

#: C/lgpl.xml:105(para)
msgid ""
msgstr ""

"For example, if you distribute copies of the library, whether gratis or for "
"a fee, you must give the recipients all the rights that we gave you. You "
"must make sure that they, too, receive or can get the source code. If you "
"link other code with the library, you must provide complete object files to "
"the recipients, so that they can relink them with the library after making "
"changes to the library and recompiling it. And you must show them these "
"terms so they know their rights."

msgstr ""

#: C/gpl.xml:115(para)
msgid ""
msgstr ""

"We protect your rights with a two-step method: (1) we copyright the library, "
"and (2) we offer you this license, which gives you legal permission to copy, "
"distribute and/or modify the library."

msgstr ""

#: C/gpl.xml:121(para)
msgid ""
msgstr ""

"To protect each distributor, we want to make it very clear that there is no "
"warranty for the free library. Also, if the library is modified by someone "
"else and passed on, the recipients should know that what they have is not "
"the original version, so that the original author's reputation will not be "
"affected by problems that might be introduced by others."

msgstr ""

#: C/gpl.xml:130(para)
msgid ""
msgstr ""

"Finally, software patents pose a constant threat to the existence of any "
"free program. We wish to make sure that a company cannot effectively "
"restrict the users of a free program by obtaining a restrictive license from "
"a patent holder. Therefore, we insist that any patent license obtained for a "
"version of the library must be consistent with the full freedom of use"
"specified in this license."

msgid ""

msgstr ""

#: C/lgpl.xml:139(para)
msgid ""

msgstr ""

#: C/lgpl.xml:148(para)
msgid ""

msgstr ""

#: C/lgpl.xml:158(para)
msgid ""

msgstr ""

#: C/gpl.xml:168(para)
msgid ""

msgstr ""

#: C/gpl.xml:178(para)
msgid ""

msgstr ""

"Most GNU software, including some libraries, is covered by the ordinary GNU "
"General Public License. This license, the GNU Lesser General Public License, "
"applies to certain designated libraries, and is quite different from the "
"ordinary General Public License. We use this license for certain libraries "
"in order to permit linking those libraries into non-free programs."

"When a program is linked with a library, whether statically or using a "
"shared library, the combination of the two is legally speaking a combined "
"work, a derivative of the original library. The ordinary General Public "
"License therefore permits such linking only if the entire combination fits "
"its criteria of freedom. The Lesser General Public License permits more lax "
"criteria for linking other code with the library."

"We call this license the <quote>Lesser</quote> General Public License "
"because it does Less to protect the user's freedom than the ordinary General "
"Public License. It also provides other free software developers Less of an "
"advantage over competing non-free programs. These disadvantages are the "
"reason we use the ordinary General Public License for many libraries. "
"However, the Lesser license provides advantages in certain special "
"circumstances."

"For example, on rare occasions, there may be a special need to encourage the "
"widest possible use of a certain library, so that it becomes a de-facto "
"standard. To achieve this, non-free programs must be allowed to use the "
"library. A more frequent case is that a free library does the same job as "
"widely used non-free libraries. In this case, there is little to gain by "
"limiting the free library to free software only, so we use the Lesser "
"General Public License."

"In other cases, permission to use a particular library in non-free programs "
"enables a greater number of people to use a large body of free software. For "
"example, permission to use the GNU C Library in non-free programs enables "
"many more people to use the whole GNU operating system, as well as its "
"variant, the GNU/Linux operating system."

#: C/lgpl.xml:187(para)
msgid """
"Although the Lesser General Public License is Less protective of the users' "
"freedom, it does ensure that the user of a program that is linked with the "
"Library has the freedom and the wherewithal to run that program using a "
"modified version of the Library."
msgstr ""

#: C/lgpl.xml:194(para)
msgid """
"The precise terms and conditions for copying, distribution and modification "
"follow. Pay close attention to the difference between a <quote>work based on "
"the library</quote> and a <quote>work that uses the library</quote>. The "
"former contains code derived from the library, whereas the latter must be "
"combined with the library in order to run."
msgstr ""

#: C/lgpl.xml:205(title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr ""

#: C/lgpl.xml:208(title)
msgid "Section 0"
msgstr "Seccion 0"

#: C/lgpl.xml:209(para)
msgid """
"This License Agreement applies to any software library or other program "
"which contains a notice placed by the copyright holder or other authorized "
"party saying it may be distributed under the terms of this Lesser General "
"Public License (also called <quote>this License</quote>). Each licensee is "
"addressed as <quote>you</quote>."
msgstr ""

#: C/lgpl.xml:217(para)
msgid """
"A <quote>library</quote> means a collection of software functions and/or "
"data prepared so as to be conveniently linked with application programs "
"(which use some of those functions and data) to form executables."
msgstr ""

#: C/lgpl.xml:223(para)
The <quote>Library</quote>, below, refers to any such software library or "work which has been distributed under these terms. A <quote>work based on" the Library<quote> means either the Library or any derivative work under "copyright law: that is to say, a work containing the Library or a portion of "it, either verbatim or with modifications and/or translated "straightforwardly into another language. (Hereinafter, translation is "included without limitation in the term <quote>modification</quote>.)"

"<quote>Source code</quote> for a work means the preferred form of the work "for making modifications to it. For a library, complete source code means "all the source code for all modules it contains, plus any associated "interface definition files, plus the scripts used to control compilation and "installation of the library.”

Activities other than copying, distribution and modification are not covered "by this License; they are outside its scope. The act of running a program "using the Library is not restricted, and output from such a program is "covered only if its contents constitute a work based on the Library "(independent of the use of the Library in a tool for writing it). Whether "that is true depends on what the Library does and what the program that uses "the Library does."

You may copy and distribute verbatim copies of the Library's complete source "code as you receive it, in any medium, provided that you conspicuously and "appropriately publish on each copy an appropriate copyright notice and "disclaimer of warranty; keep intact all the notices that refer to this "License and to the absence of any warranty; and distribute a copy of this "License along with the Library.”

You may charge a fee for the physical act of transferring a copy, and you "may at your option offer warranty protection in exchange for a fee."
Section 2

The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional; if the application does not supply it, "the square root function must still compute square roots."

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections
"as part of a whole which is a work based on the Library, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."
msgstr ""

#: C/lgpl.xml:332(para)
msgid ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Library."
msgstr ""

#: C/lgpl.xml:339(para)
msgid ""
"In addition, mere aggregation of another work not based on the Library with "
"the Library (or with a work based on the Library) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."
msgstr ""

#: C/lgpl.xml:274(para)
msgid ""
"You may modify your copy or copies of the Library or any portion of it, thus "
"forming a work based on the Library, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</" 
"link> above, provided that you also meet all of these conditions: "
"<placeholder-1/>"
msgstr ""

#: C/lgpl.xml:352(title)
msgid "Section 3"
msgstr "Seccion 3"

#: C/lgpl.xml:354(para)
msgid ""
"You may opt to apply the terms of the ordinary GNU General Public License "
"instead of this License to a given copy of the Library. To do this, you must "
"alter all the notices that refer to this License, so that they refer to the "
"ordinary GNU General Public License, version 2, instead of to this License. "
"(If a newer version than version 2 of the ordinary GNU General Public "
"License has appeared, then you can specify that version instead if you "
"wish.) Do not make any other change in these notices."
msgstr ""

#: C/lgpl.xml:365(para)
msgid ""
"Once this change is made in a given copy, it is irreversible for that copy, "
"so the ordinary GNU General Public License applies to all subsequent copies "
"and derivative works made from that copy.”
msgstr ""

#: C/lgpl.xml:371(para)
msgid ""
msgstr ""
"This option is useful when you wish to copy part of the code of the Library "
"into a program that is not a library." 
msgstr ""

#: C/lgpl.xml:378(title)
msgid "Section 4"
msgstr "Seccion 4"

#: C/lgpl.xml:380(para)
msgid "You may copy and distribute the Library (or a portion or derivative of it, "
"under <link linkend="sect2">Section 2</link> ) in object code or "
"executable form under the terms of Sections <link linkend="sect1">1</link> "
"and <link linkend="sect2">2</link> above provided that you accompany it "
"with the complete corresponding machine-readable source code, which must be "
"distributed under the terms of Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above on a medium customarily used for "
"software interchange.”
msgstr ""

#: C/lgpl.xml:392(para)
msgid ""
msgstr ""
"If distribution of object code is made by offering access to copy from a "
"designated place, then offering equivalent access to copy the source code "
"from the same place satisfies the requirement to distribute the source code, "
"even though third parties are not compelled to copy the source along with "
"the object code.”
msgstr ""

#: C/lgpl.xml:403(title)
msgid "Section 5"
msgstr "Seccion 5"

#: C/lgpl.xml:405(para)
msgid ""
msgstr ""
"A program that contains no derivative of any portion of the Library, but is "
"designed to work with the Library by being compiled or linked with it, is "
called a <quote>work that uses the Library</quote>. Such a work, in "
isolation, is not a derivative work of the Library, and therefore falls "
"outside the scope of this License.”
msgstr ""
However, linking a *work that uses the Library* with the "Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a *work that uses" "the library*. The executable is therefore covered by this License." "<link linkend="sect6">Section 6</link> states terms for distribution of "such executables."

When a *work that uses the Library* uses material from a header "file that is part of the Library, the object code for the work may be a "derivative work of the Library even though the source code is not. Whether "this is true is especially significant if the work can be linked without the "Library, or if the work is itself a library. The threshold for this to be "true is not precisely defined by law."

"If such an object file uses only numerical parameters, data structure "layouts and accessors, and small macros and small inline functions (ten "lines or less in length), then the use of the object file is unrestricted, "regardless of whether it is legally a derivative work. (Executables "containing this object code plus portions of the Library will still fall "under <link linkend="sect6">Section 6</link>.)"

"Otherwise, if the work is a derivative of the Library, you may distribute "the object code for the work under the terms of <link linkend="sect6">"Section 6</link>. Any executables containing that work also fall under "<link linkend="sect6">Section 6</link>, whether or not they are linked "directly with the Library itself."

"As an exception to the Sections above, you may also combine or link a "*work that uses the Library* with the Library to produce a work "
"containing portions of the Library, and distribute that work under terms of "
"your choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications."

msgstr ""

#: C/lgpl.xml:473(para)
msgid ""
msgstr ""
"Accompany the work with the complete corresponding machine-readable source "
"code for the Library including whatever changes were used in the work (which "
"must be distributed under Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above); and, if the work is an executable "
"linked with the Library, with the complete machine-readable <quote>work that "
"uses the Library</quote>, as object code and/or source code, so that the "
"user can modify the Library and then relink to produce a modified executable "
"containing the modified Library. (It is understood that the user who changes "
"the contents of definitions files in the Library will not necessarily be "
"able to recompile the application to use the modified definitions.)"
msgstr ""

#: C/lgpl.xml:489(para)
msgid ""
msgstr ""
"Use a suitable shared library mechanism for linking with the Library. A "
"suitable mechanism is one that (1) uses at run time a copy of the library "
"already present on the user's computer system, rather than copying library "
"functions into the executable, and (2) will operate properly with a modified "
"version of the library, if the user installs one, as long as the modified "
"version is interface-compatible with the version that the work was made with."
msgstr ""

#: C/gpl.xml:500(para)
msgid ""
msgstr ""
"Accompany the work with a written offer, valid for at least three years, to "
"give the same user the materials specified in <link linkend="sect6a" "
"<\">Subsection 6a</link> above, for a charge no more than the cost of "
"performing this distribution."
msgstr ""

#: C/gpl.xml:509(para)
msgid ""
msgstr ""
"If distribution of the work is made by offering access to copy from a "
"designated place, offer equivalent access to copy the above specified "
"materials from the same place."
msgstr ""

#: C/gpl.xml:516(para)
msgid ""
msgstr ""
"Verify that the user has already received a copy of these materials or that "
"you have already sent this user a copy."
"You must give prominent notice with each copy of the work that the Library "
"is used in it and that the Library and its use are covered by this License. 
"You must supply a copy of this License. If the work during execution 
"displays copyright notices, you must include the copyright notice for the "
"Library among them, as well as a reference directing the user to the copy of "
"this License. Also, you must do one of these things: <placeholder-1/>"

"For an executable, the required form of the <quote>work that uses the "
"Library</quote> must include any data and utility programs needed for "
"reproducing the executable from it. However, as a special exception, the "
"materials to be distributed need not include anything that is normally "
"distributed (in either source or binary form) with the major components "
"(compiler, kernel, and so on) of the operating system on which the "
"executable runs, unless that component itself accompanies the executable."
"Library, uncombined with any other library facilities. This must be "
"distributed under the terms of the Sections above."
msgstr ""

#: C/lgpl.xml:567(para)
msgid """Give prominent notice with the combined library of the fact that part of it "
"is a work based on the Library, and explaining where to find the "
"accompanying uncombined form of the same work."
msgstr ""

#: C/lgpl.xml:577(title)
msgid "Section 8"
msgstr "Seccion 8"

#: C/gpl.xml:579(para)
msgid """You may not copy, modify, sublicense, link with, or distribute the Library "
"except as expressly provided under this License. Any attempt otherwise to "
"copy, modify, sublicense, link with, or distribute the Library is void, and "
"will automatically terminate your rights under this License. However, "
"parties who have received copies, or rights, from you under this License "
"will not have their licenses terminated so long as such parties remain in "
"full compliance."
msgstr ""

#: C/gpl.xml:591(title)
msgid "Section 9"
msgstr "Seccion 9"

#: C/gpl.xml:593(para)
msgid """You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Library or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Library (or any work based on the Library), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Library or works based on it."
msgstr ""

#: C/gpl.xml:606(title)
msgid "Section 10"
msgstr "Seccion 10"

#: C/gpl.xml:608(para)
msgid """Each time you redistribute the Library (or any work based on the Library), "
"
"the recipient automatically receives a license from the original licensor to "
"copy, distribute, link with or modify the Library subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties with this License."

"If, as a consequence of a court judgment or allegation of patent "
"infringement or for any other reason (not limited to patent issues), "
"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
"excuse you from the conditions of this License. If you cannot distribute so "
"as to satisfy simultaneously your obligations under this License and any "
"other pertinent obligations, then as a consequence you may not distribute "
"the Library at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Library by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Library."

"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply. "
"and the section as a whole is intended to apply in other circumstances."

"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
This section is intended to make thoroughly clear what is believed to be a "consequence of the rest of this License."

Section 12

If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

Section 13

The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and any later version, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

Section 14
"If you wish to incorporate parts of the Library into other free programs 
"whose distribution conditions are incompatible with these, write to the 
"author to ask for permission. For software which is copyrighted by the Free 
"Software Foundation, write to the Free Software Foundation; we sometimes 
"make exceptions for this. Our decision will be guided by the two goals of 
"preserving the free status of all derivatives of our free software and of 
"promoting the sharing and reuse of software generally."

NO WARRANTY

BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE 
"LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE 
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE 
"LIBRARY <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED 
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF 
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO 
"THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY 
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR 
"CORRECTION."

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL 
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE 
"THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY 
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE 
"OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA 
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD 
"PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), 
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF 
"SUCH DAMAGES."
#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
#: C/lgpl.xml:0(0)
msgid "translator-credits"
msgstr "Yannig Marchegay (Kokoyaya) <yannig@marchegay.org>
<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE article PUBLIC "/-/OASIS//DTD DocBook XML V4.1.2//EN" 
"http://www.oasis-open.org/docbook/xml/4.1.2/docbookx.dtd">
<!--
The GNU Public License 2 in DocBook
Markup by Eric Baudais <baudais@okstate.edu>
Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Feb. 5, 2001
-->  
<article id="index" lang="eu">
<articleinfo>
<title>GNU Hedadura Txikiagoko Lizentzia Publiko Orokorra</title>
copyright>
<year>2000</year>
<author>
<surname>Free Software Foundation</surname>
</author>
publisher role="maintainer">
<publishername>GNOMEren dokumentazio-proiektua</publishername>
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</revision>
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Edonork egin eta banatu ditzake lizentzia-dokumentu honen kopia literalak, baina debekatuta dago dokumentuak aldaketak egitea.</para>
</para>
<releaseinfo>2.1 bertsioa, 1999ko otsaila</releaseinfo>
<abstract role="description">Softwarea partekatzeko eta aldatzeko askatasuna kentzeko diseinatuta daude

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Open Source Used In Data Center Network Manager 11 11.5(4) 7009
software-lizentzia gehienak. Aitzitik, software libre partekatu eta aldatzeko duzun askatasuna bermatzea da GNU Lizentzia Publiko Orokorraren xedea, hau da, softwarea erabiltzaile guztientzat librea izango dela ziurtatzea.</para></abstract>

</articleinfo>

<sect1 id="preamble" label="none">
<title>Aitzinsolasa</title>

<para>Software partekatzeko eta aldatzeko askatasuna kentzeko diseinatuta daude software-lizentzia gehienak. Aitzitik, software libre partekatu eta aldatzeko duzun askatasuna bermatzea da GNU Lizentzia Publiko Orokorraren xedea, hau da, softwarea erabiltzaile guztientzat librea izango dela ziurtatzea.</para>

<para>Software libreaz hitz egiten dugunean, askatasunari buruz arri gara, eta ez prezioari buruz. Gure Lizentzia Publiko Orokoren xedea da software librearen kopiap banatzezko (eta, nahi izanez gero, zerbitzu horrengatik kobratzeko) askatasuna duzula ziurtatzea, iturburu-kodeak jasokoa dazula edo, nahi izanez gero, hartzeko aukera dazula bermatzea, softwarea aldatzeko edo software zatiak beste programa libre berri batzuetan erabiltzeko eskubidea dazula segurtatzea eta gauza horiek egin ditzakezula jakinaraztea.</para>

<para>Hedadura Txikiagoko Lizentzia Publiko Orokorren software-pakete (normalean, liburutegiak) zehatz batzuei eta haiek erabilizten dituzten egileei aplikatzen zaie. Zuk ere erabili dezakezu, baina lehenengo pertsa ezazu, behean ematen diren azaspenak kontuan hartuz, lizentzia hori edo Lizentzia Publiko Orokorra erabiltzea komeni zaizun kasu jakinetan.</para>

<para>Software libreaz hitz egiten dugunean, askatasunari buruz arri gara, eta ez prezioari buruz. Gure Lizentzia Publiko Orokoren xedea da software librearen kopiap banatzezko (eta, nahi izanez gero, zerbitzu horrengatik kobratzeko) askatasuna dazula ziurtatzea, iturburu-kodeak jasokoa dazula edo, nahi izanez gero, hartzeko aukera dazula bermatzea, softwarea aldatzeko edo software zatiak beste programa libre berri batzuetan erabiltzeko eskubidea dazula segurtatzea eta gauza horiek egin ditzakezula jakinaraztea.</para>

<para>Zure eskubideak babesteko, banatzaileak zuri eskubide hauek ukatzea edo eskubide horiei uko eginaraztea debekatzea eta eragoztoa mugak jarri behar ditugu. Mugaketa horien ondorioz, liburutegia aldatu edo kopiap banatzen badituzu, zenbait erantzukizun hartuko dituzugun eskuibide guztiak eman behar dituzten jakinaraztea.


<para>Bi urratsez osatutako metodoarekin babesten ditugu zure eskubideak: (1) liburutegiaren egile-eskuibideak erregistratzen ditugu, eta (2) liburutegia kopiapiazko, banatzezko eta/edo aldatzeko legezko baimena ematen dizun lizentzia eskaintzen dizugu.</para>

<para>Banatzaileak babesteko, argi utzi nahi dugu liburutegi libreak ez duela bermerik. Norbaitek liburutegia aldatzen eta banatzen badu, hartzaileek jakin behar dute haiek dutena ez dela jatorrizko bertsioa, eta, beraz, besteren batek sortutako arazoak ez dutela jatorrizko egilearen ospea kaltetuko.</para>
Azkenik, software-patenteak etengabeko arriskua dira programa libreentzat. Ziurtatu nahi dizugu enpresa batek ezin dituela programa libre baten erabiltzaileak mugatu patentea duenaren lizentzia murriztai eta lortuz. Horregatik, azpimarratzen dugu liburutegiaren bertso bietatik eskuratutako patenteak lizentzia honetan zehazten den erabilera-askatasuna izan beha duela.</para>

GNU softwarearen zati handiena, liburutegi batzuk barne, GNU Lizentzia Publiko Orokorren baldintzapean dago. GNU Hedadura Txikiagoko Lizentzia Publiko Orokorra liburutegi jakin batzuei aplikatzen zaie, eta Lizentzia Publiko Orokorretik asko desberdintzen da. Lizentzia hori liburutegi batzuetan erabiltzen dugu programa libreak ez diren programean liburutegietara estekatu ahal izateko. </para>


Hedadura Txikiagoko Lizentzia Publiko Orokor honen (<quote>Lizentzia hau</quote> ere deitua) baldintzeapean banatu daitekeela adierazten duen oharra jarri baldin baidin bideo-eskubideen jabeak software-liburutegi bati edo beste programa bati, lizentziakontratu hau aplikatuko zaio liburutegi edo programa horri. Lizentziadun oro adierazteko, <quote>zu</quote> erabiltzen da. </para>

Liburutxegia software-funtzioen eta/edo datuen bilduma bat da, exekutagarriak sortzearen aplikazio-programekin behar bezala estekatzeko prestatuak (aplikazio-programek funtzio eta datu horietako batzuk erabiliz ditutze). </para>

Liburutxegiaren zati bat dautak lana, bai kopia literalak, bai aldaketak dituen kopia, bai beste hizkuntza batera itzulitakoak. (Aurrerantzean, itzulpena <quote>aldaketa</quote> terminoaren baitan sartuko da inongo mugarik gabe.)</para>


Lizentzia honi dagozkion jarduera bakarrak kopiatzea, banatzea eta aldatzea dira; bestelako jarduerak lizentzia honen esparrutik kampo daude. Programa bat Liburutxegia erabiliz exekutatzea ez dago mugatuta, eta programa horren emaitza babestuta egongo da haren edukia liburutxegian oinarritutako lana bada soilik (Liburutxegia idatzeko tresna batean erabili den edo ez kontuan hartu gabe). Egia den edo ez, Liburutxegiak egiten duenaren eta Liburutxegia erabiltzen duen programak egiten duenaren arabera da. </para>

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Kopia batean aldaketa hori egindakoan ezin daiteke aldatu, eta GNU Lizentzia Publiko Orokorra aplikatuko zaie kopia horren ondorengo kopia guztiea eta handik eratorritako lanei.

Aukera hori erabilgarria da Liburutegiaren kodearen zati bat liburutegia ez den programa batean kopiatu nahi baduzu.

Liburutegia kopiatu edo banatu dezakezu (edo Liburutegian oinarritutako lana, objektu-kodean edo forma exekutagarrian) eta ataletan biltzen diren baldintzak betez softwarea trukatzeko eskuarki erabiltzen den euskarian.
Objektu-kodeen banaketa xede horretarako zehaztutako leku batetik kopiatzeko sarbidea eskaintza betetzen du, nahiz eta hirugarren alderdiak ez dauden behartuta objektu-kodearekin batera iturburua kopiatzera.

Programa batek Liburutegiarekin lana estimatorak erorritako lanak ditueteko diseinatua dagoenean (harekin konpilatuta edo estekatuta), <quote>Liburutegia erabiltzen duen lana</quote> deitzen zaio. Horrelako lana, bakarka, ez dira Liburutegitik erorritako lanak, eta, beraz, Lizentzia honen esparrutik kantatu da.</para>


Liburutegia erabiltzen duen lan</quote> batek Liburutegiarekin parte den goiburuzko fitxategiko materiala erabiltzen badu, lanaren objektu-kodea Liburutegiarekin lan eratorria izan daiteke, nahiz eta iturburu-kodea lan eratorria izan ez. Hori egia den edo ez garrantzitsua da lana Liburutegia erabili gabe estekatu badaiteke edo lana bera liburutegi bat bada. Legeak ez du zehazki ezartzen hori egia izateko muga.</para>

Horrelako objektu-fitxategi batek zenbakiko parametroak, datu-egituraren diseinuak eta gehigarriak, makro txikiak eta barneko funtzio txikiak (hamar lerro edo gutxiago luzeran) soilik erabiltzen baditu, objektu-fitxategiaren erabilera mugatu gabe eragin dezake. Legalki lan eratorria den edo ez kontuan hartu gabe. (Objektu-kodea eta Liburutegiarekin zatiak dituzten exekutagarriak <link linkend="sect6">6. atalean</link> zehazten dira.)

Bestela, lana Liburutegiarekin erorritako lana, lanaren objektu-kodea <link linkend="sect6">6. ataleko</link> baldintzen pean banatu dezakuzu. Lan hori duen edozein exekutagarri ere <link linkend="sect6">6. atalean</link> sartuko da, Liburutegiarekin zuzenean estekatuta dagoen edo ez kontuan hartu gabe. </para>

Goiko atalen salbuespen gisa, <quote>Liburutegia erabiltzen duen lana</quote> Liburutegiarekin kombina edo estekatu dezakuzu Liburutegiarekin zatiak dituen lana sortzeko, eta lan hori nahi duzun baldintzuen abarera banatu dezakuzu, betiere, baldintza horiek lana aldatzen uzten badute bezeroak erabili ahal izateko eta ingeniari tzaken alderazkiak bazterako lana aldatu horiek arazteko.</para>

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      in the Library will not necessarily be able to recompile the application
      to use the modified definitions.)
    </para>
  </listitem>
  <listitem>
    <para>
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      copy of the library already present on the user's computer system,
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  </listitem>
  <listitem>
    <para>
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      specified in <link linkend="sect6a">Subsection 6a</link>, above, for a charge no more than the cost of performing
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</orderedlist>
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Exekutagarrientzat, behar den <quote>Liburutegia erabiltzen duen lan</quote>ak exekutagarria kopiatzeko behar diren datu eta programa-utilitateak eduki behar ditu. Nolanahi ere, aparteko salbuespen gisa, banatzen den materialak ez dauka exekutatzeko erabiltzen den sistema eragilearen osagai nagusiekin (konpiladorea, nukleoa eta abar) banatu ohi den guztia eman beharrik (iturburu nahiz bitar moduan), baldin eta osagaia bera ez bada exekutagarriarekin batera banatzen.</para>

Baliteke baldintza hori liburutegien jabeari buruz lizentzian ezartzen diren mugekin kontraesanean egotea (normalean ez dira sistema eragilearen batera etortzen). Kontraesan horrek esan nahi du ezin dituzula biak batera erabili banatzen duzun exekutagarri batean.</para>

Liburutegian oinarritutako lana diren liburutegi-eginbideak elkarren ondoan jar ditzakezu liburutegi bakarrean, Lizentzia honetan aipatzen ez diren beste liburutegi-eginbide batzuekin batera, eta horrelako liburutegi konbinatuak banatu ditzakezu, betiere Liburutegian oinarritutako lanaren eta beste liburutegi-eginbide batzuen banaketa bereizia onartzen bada, eta zuk bi gauza hauek egiten badituzu:

Liburutegi konbinatua Liburutegian oinarritutako lan berdinaren kopiarekin banatu, beste inolako liburutegi-eginbiderik sartu gabe. Goiko atalean zehaztutako baldintzen pean banatu behar da.

Liburutegi konbinatuan ohar nabarmen bat jarri bere zati bat Liburutegian oinarritutako lana dela adierazi, eta lan beraren konbinatu gabeko formatua non aurkitu daitekeen azaldu.

Debekatuta dago lizentzia honen baitan espresuki adierazitakoa bete gabe Liburutegia kopiatu, aldatu, azpilizentziatu, estekatu edo banatzea. Beste era batean Liburutegia kopiatu, aldatu, azpilizentziatu, estekatu edo banatzeko saio oro deusea izango da, eta Lizentzia honen baitan dauzkazun eskubideak automatikoki kendu egingo zaizkizun. Dena den, Lizentzia honen pean zuregandik kopiak edo eskubideak jaso dituztenei ez zaizkie lizentziak
kenduko, baldintza guztiak betetzen dituzten bitartean.</para>
</sect2>

<sect2 id="sect9" label="9">
<title>9. atala</title>

<para>Lizentzia hau sinatu ez duzunez, ez daukazu onartu beharrik. Nolanahi ere, beste ezerk ez dizu emango Liburutegia edo liburutegitik eratorritako lanak aldatzeko edo banatzeko baimenik. Ekintza horiek legez debekatuta daude Lizentzia hau onartu ezean. Ondorioz, Liburutegia (edo Liburutegian oinarrituratuko edozein lan) aldatzen edo kopiatzen baduzu, Lizentzia hau onartzen duzula adierazten duzu, eta, horrekin batera, Liburutegia edo Liburutegian oinarrituratuko lanak kopiatzeko, banatzeko eta aldatzeko baldintza guztiak.</para>
</sect2>

<sect2 id="sect10" label="10">
<title>10. atala</title>

<para>Liburutegia (edo Liburutegian oinarrituratuko edozein lan) birbanatzen duzun bakoitzean, hartzaileak automatikoki jasotzen du emailearengandik Liburutegia kopiatu, banatu edo aldatzeko jatorrizko lizentzia. Hemen ematen diren eskubideei dagokienez, ezin diozu bestelako murriztapenik ezarri hartzaileari. Ez da zure ardurza hirugarrenei Lizentzia hau betearaztea.</para>
</sect2>

<sect2 id="sect11" label="11">
<title>11 atala</title>

<para>Epaitegi-ebazpen baten ondorioz edo patente-eskubidea urratu dela dioen salaketa baten ondorioz, edo beste edozein arrazoienganatik (ez bakarrik patente-gaietik dagokienea) Lizentzia honen baldintzekin bat ez datozen baldintzak ezartzen bazaikizkiu, ez zaituzte Lizentzia honen baldintzak bete beharretik libratuko. Ezinezkoa bazaiztu Lizentzia honetako baldintzak eta dagozkion beste betebeharrak batzuk betez banatzea, ezingo duzu Liburutegia inolera banatu. Adibidez, patente-lizentzia batek ez balu onartuko zure bitartez zuzenean edo zeharka kopiatu jasotzen dituztenek Liburutegia egile-eskubiderik gabe birbanatzea, patentea eta Lizentzia hau betetzeko modu bakarra Liburutegia ez banatzea litzateke.</para>

<para>Atal honen zatiren bat baliogabea edo beteenezina bada egoera bereziren batean, atalaren gainerrako guztia aplikatu beharko da, eta atala bere osotasunean aplikatu beharko da beste egoeretan.</para>

<para>Atal honen xedea ez da patenteak edo jabetza-eskubideen eskakizunak ez betetzera bultzatzea edo halako eskakizunen baliokotasuna ukatzea; atal honen xede bakarra da software librearen banaketa-sistemen zuzentasuna babestea, lizentzia publikoen bidez bideratzen baita. Sistema horren baitan banatutako software ugariari ekarpen oparo egin dio jende askok, sistema modu iraunkorrean aplikatuko delakoan. Egile/emailearen esku dago erabakitzetako beste sistemaren baten bidez banatu nahi duen edo ez, eta lizentziadun batek ezin du halako erabakirik imposatu.</para>

<para>Atal honek argi eta garbi utzi nahi du zer den Lizentziaren gainerrako zatiaren ondorioztat jotzen dena.</para>
</sect2>

<sect2 id="sect12" label="12"


LIBURUTEGIAREN LIZENTZIA DOAN EMATEN DENEZ, LIBURUTEGIAK EZ DU BERMERIK, LEGE APLIKAGARRIKA ONARTZEN DUEIN NEURRIAN. AURKAKORIK ADIERAZTEN EZ DEN KASUETAN, JABETZAK INTLEKTUALEKO ESKUBIDEA DUTENEK ETA/EDO BESTE ALDERDI BATZUEK LIBURUTEGIA <quote>DAGOEN-DAGOENEAN</quote> EMATEN DUTE INOLAKO BERMERIK GABE, EZ ESPRESUKI ADIERAZITAKORIK ETA EZ INPLIZITURIK, BARNE HARTUZ, BAINA HORRETAURA MUGATU GABE, MERKATURATZEKO EDO XEDE JAKIN BATERAKO EGOKITASUNAREN BERMEA. LIBURUTEGIAREN KALITATEARI ETA ERRENDIMENDUARI DAGOKIONEZ, ZURE GAIN DAGO ARRISKU GUZTIA. LIBURUTEGIAK AKATSIK IZANGO BALU, KONPONTZeko EDO ZUZENTZEko BEHARREZko ZERBITZU GUZTIEN KOSTUA ZURE GAIN HARTU BEHARKO ZENUKE.
LEGE APLIKAGARRIAK EDO IDATZIZ JASOTAKO BORONDATEZKO AKORDIO BATEK HALA ESKATZEN DUELAKO EZ BADA, EZIN IZANGO DIOZU JABETZA INTELEKTUALEKO ESKUBIDEDUNARI EDO GOIAN BAIMENTZEN DEN BEZALA LIBURUTEGIA BIRBANATU EDO ALDA DEZAKEEN BESTE ALDERDI BATI ERANTZUKIZUNIK ESKATU EZ KALTEENGATIK, EZ LIBURUTEGIAREN ERABILERAREN EROZIOTARREN ERABILTZEKO EZGAITASUNAREN ONDORIOZ SOR LITEZKEEN KALTE OROKOR, BEREZI, GEHIGARRI EDO ONDORIOZKOENGATIK (BESTEKIN BEREZI, DATUAK GALIZA EDO HONDATZEA, EDO ZUK EDO BESTE NORBAITEK JASANDako GALERAK, EDO BESTEKIN LAN EGITEKO LIBURUTEGIAREN HUTS EGITEREN BAT), NAHIZ ETA ESKUBIDEDUNARI EDO BESTE NORBAIT HORRI KALTEAK IZAN LITEZKEELA AURRETIK ABISATU IZAN.

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</sect2>

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<title>Section 5</title>

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<title>Section 7</title>

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<sect2 id="sect10" label="10">  
<title>Section 10</title>  

<para>  
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derivatives of our free software and of promoting the sharing and reuse of software generally.  
</para>  
</sect2>  

<sect2 id="sect11" label="11">  
<title>NO WARRANTY</title>  
<subtitle>Section 11</subtitle>  

<para>  
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<title>Section 12</title>  

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</para>
PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

<para>
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<legalnotice>
<releaseinfo>1999. februr, 2.1-es verzi</releaseinfo>
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</para>
</othercredit>
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A szabad szoftver megjelent nem jelenti azt, hogy a szoftvernek nem lehet rel. A GPL licencek célja, hogy garantálja a szabad szoftver megosztásának szabad terjesztését (és ezzel szemben azokat a megjelent programokat, amelyek szerzje gy ként, hogy ezt használja a szerző jog megjelölésekor, n is használhatja, de azt javasoljuk, az alábbi magyarazatok alapján elszó gondolja t, hogy ez a licenc, vagy a szoksos GPL (GNU General Public License) szint-e jobb kétend stratgianak.

A szerző jogainak vdelmen korltozsokat kell hozni, amelyek megtiltják, hogy brki megtagadhassa ezeket a jogokat msokt, vagy brki mst ezekrél val lemondsra knyszertsen. Ezek a megszortnok bizonyos felelssgeket jelentenek azok szmra, akik a szoftver megosztását terjesztik vagy mstdik.

Ha valaki pldul egy ilyen programkönyvtr megosztást terjeszt, akr ingyen vagy bizonyos szeg fejbén, a vonatkoz minden jogot tovbb kell adnia a fogad feleknek. Biztostani kell tovbb, hogy meggapkik vagy legalább mekgaphassák a forrakkert is. s a jelen dokumentumban szerepl licencfeltételeket is el kell juttatni, hogy tiszta legeyenek a jogiakkal.

A jogok vdelme kt lpsbl ll: (1) a programkönyvtr szerzi jogainak vdelmb s (2) a jelen licenc biztostsbl, amely jogalapot biztost a programkönyvtr msolarsa, terjesztésre s/vagy mstdsra.
Az egyes terjesztik vdelmben vilgoss akarjuk tenni: a jelen szabad programknyvtarra nincs jtlis. Ha a programknyvtrat mdostottt s tovbbadtk, akkor mindenkinek, aki a mdostott vltzatot kapja, tudnia kell, hogy az nem az eredeti gy a msok ltal okozott hibnak nem lehet hatsa az eredeti szerz hrnevre.

Vgl, a szabad szoftverre, belertve egyes programknyvtrakat is, a norml GNU General Public License (GPL) felttelei vonatkoznak. Ez a licenc, a GNU Lesser General Public License (LGPL), meghatrozott programknyvtrakra vonatkozik, s elgg eltr a norml GNU General Public License-tl. Ezt a licencet azt alkalmazzuk bizonyos programknyvtrakhoz, hogy engedelyezhess a bepts nem szabad programokba is.

Amikor egy programot sszeszerkesztenek egy programknyvtrral, fggetlenl attl, hogy statikusan vagy egy megosztott programknyvtr hasznlatal, a kett kombinjia jogilag kzs munknak, az eredeti programknyvtr leszrmazottjnak szmt. A norml GNU General Public License (GPL) feltteleiek ezrt csak akkor engedi az ilyen sszeszerkesztst, ha a teljes kombincc megfelel a szabadsg feltteleinek. A GNU Lesser General Public License (LGPL) azonban kevs szigorul rendelkezik ms kdnak a programknyvtrral sszeszerkesztssel.

Azrt <quote>Lesser</quote> General Public License-nek hvjuk ezt a licencet, mert kevesebbet tesz a felhaszn szabadsgnak vdelme rdekben, mint a norml GNU General Public License (GPL). Sztnt kevesebb elny nyjt a tbbi szabadszoftver-fejlesztnak a versenytrs, nem szabad programokkal szemben. Az ilyen elnyk miatt hasznlnk magunk is a norml GNU General Public License-t (GPL) szmos programknyvtrhoz. Nhny specilis esetben azonban a GNU Lesser General Public License (LGPL) hasznlna elnysebb.

Ritkn ugyan, de pldul elfordulhat, hogy igny van egy meghatrozott programknyvtnak a lehet legszlesebb krben trtn elterjesztstre, hogy az vltzson a de facto szabvnny. Ehhez engedelyezni kell, hogy a nem szabad programok is hasznhsak a programknyvtrat. Gyakoribb eset az, hogy egy szabad programknyvtr ugyanaz a feladatot ltja el, mint a szles krben hasznlt nem szabad programknyvtrak. Ebben az esetben igen kevs elny szrmazik a programknyvtr kizrlag szabad szoftverekben felhasznlsa val korltozsnak, teht ilyenkor is az LGPL feltteleit hasznlnk.

Megint ms esetekben egy adott programknyvtr nem szabad programokban felhasznlnak engedelyezes azt jelenti, hogy tbb ember hasznlhat szabad szoftvert. Pltd a GNU C Programknyvtr felhasznlsa nem szabad programokban azt jelenti, hogy sokkal tbb ember hasznlhatja a teljes GNU opercis rendszert, illetve annak vltzatt, a GNU/Linux opercis rendszert.

Br az LGPL kevs vdi a felhaszn szabadsgt, azt azonban garantlia, hogy a Programknyvtrral sszeszerkesztett program felhasznja jogosult legyen a program hasznlatra a Programknyvtr mdostott vltzatval is.

A msolsra, terjesztsre s mdostsra vonatkoz pontos szablyok s felttele az albbiakban olvashat. Nagyon fontos megklnbzteti a <quote>programknyvtron alapul munka</quote> s a <quote>programknyvtrat felhasznln munka</quote> fogalmakat. Az elbbi a programknyvtrbl szrmaz kdot tartalmaz, mg az utbbi a futshoz ignyli a programknyvtrat.


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<sect1 id="terms" label="none">
<title>A MSOLSRA, TERJESZTSRE S MDOSTSRA VONATKOZ FELTTELEK S KIKTSEK</title>

<sect2 id="sect0" label="0">
<title>0. szakasz</title>
<para>Ez a licenc minden olyan programknyvtra vagy egyb programra vonatkozik, amelyhez a szerzi jog tulajdonosa vagy egyb jogosult fl azt a megjegyzst fzte, hogy az a jelen LGPL-ben (ms nven a &quot;jelen Licencben&quot;) foglaltak alapjn terjeszthet. Minden engedlyezs cmzettje &quot;n&quot;.&lt;/para&gt;

<para>&lt;quote&gt;Programknyvtr&lt;/quote&gt; alatt fggvnyek s/vagy adatok olyan gyjtemnyt rtjk, amely gy lett elksztsve, hogy kinyelmesen szszerekzhet legyen alkalmazsprogramokkal (amelyek a fggvnyek s az adatok egy rszt hasznljk), vgrehajthat fijok elkszthesz. &lt;/para&gt;

<para>Az albbiakban a &quot;Programknyvtr&quot; kifejez brmely ilyen programknyvtra vagy munkra vonatkozik, a &quot;Programknyvron alapul munka&quot; pedig magt a Programknyvrat vagy egy szerzi joggal vdett munkt jelenti: vagyis olyan munkt, amely tartalmazza a Programknyvrat vagy annak egy rsltt, mdostva vagy mdosts nlkli s/vagy ms nyelvre fordva. (Az albbiakban a fords minden egyb megkts nlkl beletartozik a &quot;mdosts&quot; fogalmaba.)</para>

<para>Egy munka &quot;Forrskdja&quot; a munknak az a formtuma, amelyben a mdostsok elvgze a legegyszerbben kivitelezhet. Egy programknyvtr esetben a teljes forrskd az ltala tartalmazott sszes modul forrskdjt jelenti, valamint minden hozz tartoz illesztsijeinek jft, valamint a programknyvtr fordts s teleptst szablyoz parancsfjlokat.</para>

<para>A jelen Licenc a msolson, terjesztzen s mdostson kvl ms tevkenysgre nem vonatkozik, azok a hatlyn kvl esnek. A Programknyvrat haszn program futtatsa nincs korltoza, illetve a program kimenetre is csak abban az esetben vonatkozik ez a szablyozs, ha az tartalmazza a Programknyvron alapul munka egy rsltt (fggetlenl attl, hogy a Programknyvrat hasznlt-e egy eszkzben a megshoz). Az, hogy ez igaz-e, a Programknyvtr, illetve a Programknyvrat haszn program mkszfl fgg.&lt;/para&gt;

</sect2>

<sect2 id="sect1" label="1">
<title>1. szakasz</title>
<para>A Programknyvtr forrskdja mdosts nlkli msolhat s brmely adathordozn terjeszthet, feltve, hogy minden egyes pldnyon pontosan szerepel a megfelel szerzi jogi megjegyzs, illetve a garanciavllalas elutas; rintetlenl kell hangi minden erre a szablyozsra s a garancia teljes hinyra utal szveget s a jelen licencdokumentumot is el kell juttatni mindazokhoz, akik a Programknyvrat kapj.&lt;/para&gt;

<para>Felszmthat dj a msolat fizikai tovbbtsa fejben, illetve ellenszolgltats fejben garancilis tmogats is biztoshat.&lt;/para&gt;</para>

</sect2>

<sect2 id="sect2" label="2">
<title>2. szakasz</title>
<para>A Programknyvtr msolatai vagy azok egy rsze mdosthat, amely gy a Programknyvron alapul munkt alkot. A mdosts ezutn az &lt;link linkend="sect1"&gt;1. szakasz&lt;/link&gt; adott felttelek szerint tovbb terjeszthet, ha az albbi
felttelek is teljesnek: <orderedlist numeration="loweralpha">
  <listitem>
    <para>A mdostott munknak magnak is programknyvtrnak kell lennie.</para>
  </listitem>
  <listitem>
    <para>A mdostott fjlokot el kell ítni olyan megjegyzéssel, amely feltnteti a mdostst vg nevt s a mdostsok
dumt.</para>
  </listitem>
  <listitem>
    <para>A teljes munk olyan szablyokkal kell kiadni vagy terjeszteni, hogy annak hasznlati joga harmadik szemly
rszre licencdjmentesen hozzfrhet legyen, a jelen Licencnek megfelelen.</para>
  </listitem>
  <listitem>
    <para>Ha a mdostott Programknyvtr egy rsz egy olyan fggvnyre vagy adattblra hivatkozik, amelyet egy, az adott
rszt hasznl alkalmazsprogram biztost, s nem egy tadott argumentumrl van sz annak meghvsakor, akkor mindent el
kell kvetni annak rdekben, hogy amennyiben az alkalmazs nem biztostja a szkges fggvnyt vagy adattblt, az adott
rsz akkor is mkdkpes maradjon, s vgrehajtsa, amit csak a mkdsbl addan elvegezhet.</para>
  </listitem>
  <listitem>
    <para>(Ha pdlul egy programknyvtr egy fggvnye ngyzetgykt szmt, akkor annak a clja teljesen jl definit, az
alkalmazstl fgetlenl. Vagyis a 2d alpont azt kveteli meg, hogy a fggvny szmra az alkalmazs ltal biztostott fggvny
vagy adattbla opcionlis legyen: ha az alkalmazs nem biztost iyet, a ngyzetgyk fggvynex akkor is ngyzetgykhet kell
tudnia szmtani.)</para>
  </listitem>
  <listitem>
    <para>Ezek a felttelek a mdostott munkra, mint egysre vonatkoznak. Ha a munka azonosothat rszei nem a
Programknyvtron alapulnak s fgetlen munkkknt elklnlten azonosothat, akkor ez a szablyosz nem vonatkozik ezekre
a rsekre, amennyiben azok kln munkaknt kernek terjesztse. Viszont, ha ugyanez a rsz az egss rszeknt kerl
terjesztse, amely a Programknyvtron alapul munka, akkor az egss munka terjesztse csak a jelen dokumentum alapjn
lehetsges, amely ebben az esetben a jogokat minden egyes felhasznl szmra kiterjeszti a munka egssre tekintet nklt
arra, hogy melyik rszt ki rta.</para>
  </listitem>
  <listitem>
    <para>E szvegrsznek teht nem az a clja, hogy msok jogait elvegye vagy korltozza a kizrlag sajt maga ltal rt
munkkra; a cl az, hogy a jogok gyakorlsa szablyozva legyen a Programknyvtron alapul illetve a gyjtemnyes munkk
terjesztse esetben.</para>
  </listitem>
  <listitem>
    <para>Ezenkvl ms munkknak, amelyek nem a Programknyvtron alapulnak, a Programknyvtrral (vagy a
Programknyvtron alapul munkval) kzs adathordozn vagy adattroln szerepettse nem jelenti a jelen szablyok
rvnyessgt azokra is.</para>
  </listitem>
</orderedlist></para>

<sect2>
  <sect2 id="sect3" label="3">
    <title>3. szakasz</title>
    <para>n vlaszthatja azt, hogy a Programknyvtr egy adott pdnyra vonatkozan a norml GNU General Public
License hasznltt k ki s nem a jelen Licencet. Ehhez meg kell vlozattni az erre a licencre hivatkoz szzes
figyelmeztetst, gy, hogy azok a jelen licenc helyett a norml GNU General Public License (GPL) 2. verzija
hivatkozzanak. (Ha a norml GNU General Public License-bl a 2. verziún frissebb jelenne meg, akkor azt a verzit is elrhatja, ha akarja). Egyéb vltotatst ne tegyen a figyelmeztetekben. </para>

 Miutn a mdost megtrn, az visszafordthatatlan az adott plddyra vonatkozan, vagyis a GNU General Public License fog vonatkozni annak sszes tovbbi msolatra s az abbl a plddybl szrmzatott sszes munkra. </para>

 Ez a lehetsg akkor haszros, ha a Programknyvtr kdjn egy rszt egy olyan programba akarja illeszteni, amelyik nem programknyvtr.</para>

<sect2>

<sect2 id="sect4" label="4">
<title>4. szakasz</title>

 A Programknyvtr (vagy a programknyvtron alapul munka a <link linkend="sect2">2. szakaszsnak</link> megfelelen) msohat s terjeszhet trgykd vagy vgrehajthat kd formjban az <link linkend="sect1">1.</link> s <link linkend="sect2">2.</link> szakaszban foglaltak szerint, feltve, hogy a teljes, gp ital rtelmzhet forrskd kszi az anyagot, amelynek terjeszte az <link linkend="sect1">1.</link> s <link linkend="sect2">2.</link> szakaszban foglaltak szerint trtnik, jellemzen szoftverterjesztsre hasznlt adathordozn. </para>

 Ha a trgykd terjeszte azt jelenti, hogy lehetsg van lemsolni egy meghatrozott helyrl, akkor ez teljesti a forrskd terjeszstre vonatkoz ktelezettsget, br a harmadik felek nem ktelesek a forrskdot a trgykdal egytt lemsolni. </para>

</sect2>

<sect2 id="sect5" label="5">
<title>5. szakasz</title>

 Az olyan Programknyvtrat, amely nem tartalmazza a Programknyvtr semmilyen rsznek leszrmazottjt, de gy kszlt, hogy a Programknyvtrral egyttmkdjn, hozzfordts vagy hozszzerkeszts tn, "Programknyvtrat hasznlnak" nevezzk. Az ilyen munkk elszigetelten nem szmtanak a Programknyvtr szrmzatott munkjnknak, gy a jelen Licenc hatlyn kvl esnek. </para>

 Egy, a "Programknyvtrat hasznlnak" s a Programknyvtr szszzerkesztsze azonban egy olyan vgrehajthat jtht eredmnyez, amelyik a Programknyvtr szrmzatott munkja (hiszen tartalmazza a Programknyvtr rszeit), nem pedig a "Programknyvtrat hasznlna". A vgrehajthat jtht lrta teht vonatkozik a jelen Licenc. A <link linkend="sect6">6. szakasz</link> taglalja az ilyen vgrehajthat fjal terjesztsnek feltteleit. </para>

 Ha egy "Programknyvtrat hasznlna" egy olyan fejlfjl anyagt hasznlna, amelyik a Programknyvtr rsze, akkor a munka trgykdja lehet a Programknyvtr szrmzatott munkja, akkor is, ha maga a forrskd nem az. Az, hogy ez igaz-e, klnsen fonts, ha az adott munka sszeszerkeszthet a Programknyvtr nkln is, vagy ha a munka maga is egy programknyvtr. Azt, hogy ez mikor igaz, a trvny nem szablyozza pontosan. </para>

 Ha egy ilyen objektumfjl csak numerikus paramtereket, adatstruktra-elrendezseket, -hozzfrseket, kisebb makrkat s kisebb begyazott fggvnyeket (nem tbb, mint tz sornyit) hasznln, akkor az objektumfjl hasznlna nem korltozott, fggetlenl attl, hogy szrmzatott munka-e vagy sem. (A trgykdot s a Programknyvtr rszeit tartalmaz vgrehajthat fjl tovbra is a <link linkend="sect6">6. szakasz</link> hatlya al tartoznak.) </para>
Ellenkez esetben, ha a munka a Programknyvtr szrmaztatott munkja, akkor a trgykdja terjeszhet a "6. szakasz" feltteleinek megfelelen. A munkt tartalmaz vghrajhat fjlk szintn a "6. szakasz" hatlya al esnek, akkor is, ha nincsenek kzetlenl a Programknyvtrral sszeszerkeszteve. </sect2>

A fenti szakaszok kivteleknt egy, a "Programknyvtrt hasznl munka" egyeshe vagy sszeszerkeszthet a Programknyvtrral, hogy tt rj jin egy olyan munka, amely tartalmazza a Programknyvtr rseit, s az ilyen munka terjeszhet az n Ital vlasztott felttelek szerint is, feltve, hogy ezek a felttelek megengedik a munka szabad mdostt a vrl sajt hasznlatra s az ilyen mdostsok hibakeressre szogl visszafejtst. </para>

A munka minden egyes pldyn megfelelen jelezni kell, hogy a Programknyvtr hasznla, s hogy a hasznlatot a jelen Licenc szablyozza. Mellkelni kell a jelen Licenc egy plldyt. Ha a munka vghrafts kben szerzi jogi megjegyzseket jelent meg, akkor ezek kzt szerepelnie kell a Programknyvtr szerzi jogi megjegyzsekn is, valamint egy hivatkozsnak, amely a felhasznlt a jelen Licenc egy plldnyhoz irntja. Tovbb az albbiak egyikt biztostani kell: <orderedlist numeration="loweralpha">

- A munka mell mellkelni kell a Programknyvtr teljes, gppel olvashat forrskdj, jelezve, hogy a (fenti "1." s "2." szakaszoknak megfelelen terjesztett) munkban milyen mdostok trntek; valamint, ha a munka egy, a Programknyvtrral sszeszerkeszett vghrajhat fjl, a teljes "Programknyvtrt hasznl munka" gppel olvashat kdj, ahhoz hogy trgykdnt s/vagy forrskdnt a felhasznld mdsottsa a Programknyvtrt s utna szerkeszthesse azt egy olyan mdsott vghrajhat fjl ellitshoz, amely tartalmazza a Programknyvtrt. (Termztesesen elfordulhat, hogy a Programknyvtr definicis fjlainak tartalm megvoltot felhasznlnem feltlennel lesz kpes jrafordtani az alkalmazst a mdsott definicikkal.)</para>

- A munka mell mellkelni kell a Programknyvtr teljes, gppel olvashat forrskdj, jelezve, hogy a (fenti "1." s "2." szakaszoknak megfelelen terjesztett) munkban milyen mdostok trntek; valamint, ha a munka egy, a Programknyvtrral sszeszerkeszett vghrajhat fjl, a teljes "Programknyvtrt hasznl munka" gppel olvashat kdj, ahhoz hogy trgykdnt s/vagy forrskdnt a felhasznld mdsottsa a Programknyvtrt s utna szerkeszthesse azt egy olyan mdsott vghrajhat fjl ellitshoz, amely tartalmazza a Programknyvtrt. (Termztesesen elfordulhat, hogy a Programknyvtr definicis fjlainak tartalm megvoltot felhasznlnem feltlennel lesz kpes jrafordtani az alkalmazst a mdsott definicikkal.)</para>

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Vgrehajthat fjl esetben a "Programknyvtrat hasznl munka" elvrt formjnak tartalmaznia kell minden adatot s segdprogramot, amelyre szksg van a bellk szrmaz vgrehajhat fjl ellltshoz. Specilis kivtelknt a terjesztett anyagoknak nem kell semmi olyat tartalmaznia, amelyek norml esetben azon opercis rendszer rszeivel (fordt, kernel stb.) egytt kerlnk terjesztsre (akr forrskdknt, akr binris formban), amelyen a vgrehajhat fjl futni fog, kivve, ha a komponens maga a vgrehajhat fjlal egytt rkezik.

Elfordulhat, hogy ez a kvetelmny ellentmond ms szelemi tulajdont kpez programknyvtrak licencorlozsainak, amelyek norml esetben nem jrnak az opercis rendszer mell. Az ilyen ellentmonds azt jelenti, hogy nem hasznlhatja azokat s a Programknyvtrat egytt egy terjeszteni kvnt vgrehajhat fjlban.

n elhelyezheti a programknyvtr egyes rszeit, amelyek a Programknyvtron alapul munknak szmtanak, egym mellett egyetlen programknyvtrban ms programknyvtrak rszeivel egytt, amelyekre nem vonatkozik a jelen Licenc, s az ilyen egyestett programknyvtrat is terjesztheti, feltve, hogy a Programknyvtron alapul munka s a msik programknyvtr rszeinek kln-kln terjesztse egybknt engedyleyzett s az albbi kt dolog valamelyikt biztostja.

Az egyestett programknyvtr mell mellkeli a Programknyvtron alapul ugyanazon munkt, amely nincs egyestve semmilyen ms programknyvtr rszeivel. Ezt a fenti rszek feltteleinek megfelelen kell terjeszteni.

Megfelel figyelmeztetst alkalmaz az egyestett programknyvtr mell a tnyrl, hogy ez rszben a Programknyvtron alapul munka, s elmagyarzza, hogy hol tallhat ugyanazon munka nem egyestett formban.

A Programknyvtrat csak a jelen Licencben lertaknak megfelelen szabad lemsolni, terjeszteni, mdostani s allicencbe adni. Az egyb mdon val msols, mdosts, terjeszts s allicencbe ads rvnytelen, s azonnal rvnytelenti a dokumentumban biztostott jogosultsgokat. Mindazonltal azok, akik a Licencet megszegtl kaptak pldnymokat vagy jogokat, tovb gyakorolhatjk a Licenc ltal meghatrozott jogaikat mindaddig, amg teljes mrtkben megfelelnk a Licenc feltteleinek.
Nem ktelez elfogadnia ezt a szabályozst, hiszen nem rta al. Ezen kvl viszont semmi ms nem ad jogokat a Programknyvtr vagy a szrmaztatott munkk terjeszttsre s mdostsra. Ezeket a cselekedeteket a trvny bnteti, ha nem a jelen szerzi jogi szabályozs keretei kzt ttrtnk. Mindezek miatt a Programknyvtr (vagy a Programknyvtron alapul munka) terjesztse vagy mdostsa a jelen dokumentum szabályainak, s azon bell a Programknyvtr vagy a munka mdostsra, msolsra vagy terjeszttsre vonatkoz szes felttlnek elfogadst jelenti. 

10. szakasz

Minden alkalommal, amikor a Programknyvtr (vagy az azon alapul munka) tovbbadsa trtnik, a Programknyvtrat megkap szmly automatikusan hozzjut az eredeti licenc tulajdonost szrmaz licenchez, amely a jelen szabályok szerint biztstja a jogot a Programknyvtr msolsra, terjeszttsre, szerkesztshsz felhasznlsra s mdostsra. Nem lehet semmilyen mdon tovbb korltozni a fogad flnek az itt megadott jogait. A Programknyvtr tovbbadja nem felels harmadik szmlyekkel betartatni a jelen szabályokat.

11. szakasz

Ha brsgi hatrozat, szabadalomsrts vlelme, vagy egyb (nem kizrlag szabadalmakkal kapcsolatos) okbl olyan feltteleknek kell megfelelnie (akr brsgi hatrozat, akr megllapods, akr brni ms eredmnyekpp), amelyek ellentesek a jelen felttelekkel, az nem ment fel a terjeszt a jelen felttelek figyelembevetele all. Ha a terjesztts nem lehetsges a jelen Licenc s az egyb felttelek ktelezetsgeinek egyttes betartsval, akkor tilos a Programknyvtr terjesztse. Ha pdld egy licencszabadalom nem engedi meg egy programknyvtr jogdj nkli tovbbterjesztst azok szmra, akik kvetve vagy kvetlenl megkapjk, akkor az egyetlen mdja, hogy eleget tegyen valaki mindk felttlnek, az, hogy ell a programknyvtr terjesztstl.

12. szakasz

Ha a Programknyvtr terjesztse s/vagy hasznlata egyes orszgokban nem lehetsges akr szabadalmakkal, akr szerzi jogokkal vdett felletek miatt, akkor a Programknyvtr szerzi jogainak eredeti tulajdonos, aki a Programknyvtrat ezen szabályozs alapjn adja kzre, egy explicit fdrjzi megktst adhat a terjeszttsre, s egyes orszgokat kizrh. Ebben az esetben gy teknint, hogy a jelen licenc ezt a megktst is tartalmazza, ugyangy, mintha az a
szvegben lenne lerva.</para>

<sect2 id="sect13" label="13">
<title>13. szakasz</title>

<para>A Free Software Foundation idrl idre kiadja a GNU Lesser General Public License (LGPL) fellvizsglt
s/vagy jabb vltzatait. Ezek az jabb dokumentumok az elzek szellemben kszln, de rszletekben klnhzbetnek, hogy j
problmkat vagy agglyokat is kezeljenek.</para>

A dokumentum minden vltzata egy megklnhzbet verziszmmal elltva jelenik meg. Ha a programknyvtr
szerzi jogi megjegyzsben egy bizonyos vagy annl <quote>jabb verzi</quote> van megjel1ve, akkor lehetsg van akr a
megjellt, vagy a Free Software Foundation itl kiadott ksb1i verziban lert felttelek kvetsre. Ha nincs ilyen megjellt
verzi, akkor lehetsg van a Free Software Foundation itl valaha kibocstott brmelyik verzi alkalmazsra.</para>

<sect2 id="sect14" label="14">
<title>14. szakasz</title>

<para>A Programknyvtrat ms szabad szoftverbe, amelynek szerzi jogi szablyozsa klnbzik, csak akkor ptheti be,
ha a szerztl erre engedlyt szerztt. Abban az esetben, ha a programknyvtr szerzi jogainak tulajdonosa a Free
Software Foundation, akkor a Free Software Foundation cmre kell rni; nha kivtelt tesznk. A dnts a kvetkez kt cl
szem eltt tartsval fog trtni: megmaradjon a szabad szoftveren alapul munkk szabad llapota, valamint segtse el a
szoftver jrafelhasznlst s megosztst.</para>

<sect2 id="sect15" label="15">
<title>GARANCIAVLLALS HINYA</title>

<subtitle>15. szakasz</subtitle>

<para>MIVEL A JELEN PROGRAMKNYVTR HASZNLATI JOGA DJMENTES, AZ ALKALMAZHAT
JOGSZABLYOK LTAL BIZTOSTOTT MAXIMLIS MRTKBEN VISSZAUTASTJUK A
PROGRAMKNYVTRHOZ A GARANCIA BIZTOSTST. AMENNYIBEN A SZERZI JOGOK TULAJDONOSAI
RSBAN MSKNT NEM NYILATKOZNAK, A PROGRAMKNYVTR A <quote>JELEN LLAPOTBAN</quote>
KERL KIADSRA, MINDENFLE GARANCIAVLLALS NLKL, LEGYEN AZ KIFEJEZETT VAGY
BELERTETT, BELERTVE, DE NEM KIZRLAGOSAN A FORGALOMBAHOZHTSGRA VAGY
ALKALMAZHATSGRA VONATKOZ GARANCIKAT. A PROGRAMKNYVTR MINSGBL S MKDSBL
FAKAD SSZES KOCKZAT A FELHASZNLT TERHEL. HA A PROGRAMKNYVTR HIBSAN MKDIK, A
FELHASZNLNK MAGNAK KELL VLLALNIA A JAVTSHOZ SZKSGES MINDEN KLTSGET.</para>

<sect2 id="sect16" label="16">
<title>16. szakasz</title>

<para>AMENNYIBEN A HATLYOS JOGSHABLYOK VAGY A SZERZI JOGOK TULAJDONOSAI RSOS
MEGLAPODSBAN MSKNT NEM RENDELKEZNEK, SEM A PROGRAMKNYVTR SZERZJE, SEM MSOK,
AKIK MDOSTOTTK S/VAGY TERIESZTETTK A PROGRAMKNYVTRAT A FENTIEKNEK MEGFELELEN,
NEM TEHETK FELELSS A KROKRT, BELERTVE MINDEN VLETLEN, VAGY KVETKEZMNYES KRT,
AMELY A PROGRAMKNYVTR HASZNLATBL VAGY A HASZNLAT MEGAKADLYOZSBL SZRMAZIK (BELERTVE, DE NEM KIZRLAGOSAN AZ ADATVESZTST S A HELYTELEN ADATFELDOLGOZST, VALAMINT A MS PROGRAMKNYVTARKKAL VAL HIBS EGYTTMKDST), MG AKKOR SEM, HA EZEN FELEK TUDATBAN VOLTAK, HOGY ILYEN KROK KELETKEZHETNEK. </para>

</sect2>
</sect1>
</article>

# French translation of fdl documentation.
# Copyright (C) 2006 Free Software Foundation, Inc.
# This file is distributed under the same license as the gnome-desktop
# documentation package.
#
# Vincent Untz <vuntz@gnome.org>, 2006.
# Jonathan Ernst <jonathan@ernstfamily.ch>, 2006.
#
msgid ""
msgstr ""
"Project-Id-Version: desktop-fdl fr\n"
"POT-Creation-Date: 2015-09-20 07:00+0000\n"
"PO-Revision-Date: 2015-09-20 16:39+0200\n"
"Last-Translator: Claude Paroz <claude@2xlibre.net>\n"
"Language-Team: GNOME French Team <gnomefr@traduc.org>\n"
"Language: \n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=UTF-8\n"
"Content-Transfer-Encoding: 8bit\n"

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
msgctxt "_"
msgid "translator-credits"
msgstr ""
"Jean-Luc Fortin, 2000.\n"
"Christian Casteyde, 2001.\n"
"Csar Alexanian, 2001.\n"
"Vincent Untz <vuntz@gnome.org>, 2006.\n"
"Jonathan Ernst <jonathan@ernstfamily.ch>, 2006."

#. (itstool) path: articleinfo/title
#: C/index.docbook:17
msgid "GNU Free Documentation License"
msgstr "Licence de Documentation Libre GNU"

#. (itstool) path: articleinfo/releaseinfo
#: C/index.docbook:18
msgid "Version 1.1, March 2000"
msgstr "Version 1.1, Mars 2000"

#. (itstool) path: articleinfo/copyright
#: C/index.docbook:22
msgid "<year>2000</year><holder>Free Software Foundation, Inc.</holder>"
msgstr "<year>2000</year><holder>Free Software Foundation, Inc.</holder>"

#. (itstool) path: articleinfo/author
#: C/index.docbook:26
msgid "<surname>Free Software Foundation</surname>"
msgstr "<surname>Free Software Foundation</surname>"

#. (itstool) path: publisher/publishername
#: C/index.docbook:31
msgid "GNOME Documentation Project"
msgstr "Projet de documentation GNOME"

#. (itstool) path: revhistory/revision
#: C/index.docbook:35
msgid "<revnumber>1.1</revnumber> <date>2000-03</date>"
msgstr "<revnumber>1.1</revnumber> <date>03/2000</date>"

#. (itstool) path: para/address
#: C/index.docbook:43
#, no-wrap
msgid ""
msgstr ""
"Free Software Foundation, Inc. \\
" <street>51 Franklin Street, Fifth Floor</street>, \\
" <city>Boston</city>, \\
" <state>MA</state> <postcode>02110-1301</postcode> \\
"<city>USA</city>"
msgstr ""
"Free Software Foundation, Inc. \\
" <street>51 Franklin Street, Fifth Floor</street>, \\
" <city>Boston</city>, \\
" <state>MA</state> <postcode>02110-1301</postcode> \\
"<city>USA</city>"

#. (itstool) path: legalnotice/para
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msgstr ""
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msgstr ""
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#. (itstool) path: sect1/title
#: C/index.docbook:97
msgid "APPLICABILITY AND DEFINITIONS"
msgstr "APPLICABILITÉ ET DEFINITIONS"

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#: C/index.docbook:98
msgid ""This License applies to any manual or other work that contains a notice "
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"of this License. The <quote>Document</quote>, below, refers to any such "
"manual or work. Any member of the public is a licensee, and is addressed as "
"<quote>you</quote>." 
msgstr "Cette Licence couvre tout manuel ou tout autre travail crit contenant une "
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#: C/index.docbook:107
msgid ""A <quote>Modified Version</quote> of the Document means any work containing "
"the Document or a portion of it, either copied verbatim, or with "
"modifications and/or translated into another language." 
msgstr "Une <quote>Version modifiée</quote> du Document désigne tout travail en "
"contenant la totalité ou seulement une portion de celui-ci, copie mot pour "
"mot, modifiée et/ou traduite dans une autre langue." 

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msgid ""A <quote>Secondary Section</quote> is a named appendix or a front-matter "
"section of the <link linkend="fdl-document">Document</link> that deals "
"exclusively with the relationship of the publishers or authors of the "
"Document to the Document’s overall subject (or to related matters) and "
"contains nothing that could fall directly within that overall subject. (For "
"example, if the Document is in part a textbook of mathematics, a Secondary "
"Section may not explain any mathematics.) The relationship could be a matter "
"of historical connection with the subject or with related matters, or of "
"legal, commercial, philosophical, ethical or political position regarding "
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rappports entre l'auteur ou l'éditeur et le sujet (ou tout autre sujet "
"connexe) du Document, sans toutefois être en rapport direct avec le sujet "
"lui-même (par exemple, si le Document est un manuel de mathématiques, une "
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"sources documentaires, des dispositions légales, commerciales, "
"philosophiques, ou des positions théiques ou politiques susceptibles de "
"concerner le sujet trait."

#. (itstool) path: sect1/para
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"those of Invariant Sections, in the notice that says that the <link linkend=""/fdl-document">Document</link> is released under this License."

msgid "Les <quote>Sections inaltérables</quote> sont des <link linkend="/fdl-" "secondary">sections secondaires</link> considérés comme ne pouvant être "
"modifiés et cités comme telles dans la notice légale qui place le <link "
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#. (itstool) path: sect1/para
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msgid "The <quote>Cover Texts</quote> are certain short passages of text that are "
"listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says "
"that the <link linkend="/fdl-document">Document</link> is released under "
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msgid "Les <quote>Textes de couverture</quote> sont les textes courts situés sur "
"les pages de couverture avant et arrière du <link linkend="/fdl-document" "">Document</link>, et cités comme tels dans la mention légale de ce <link "
"linkend="/fdl-document">Document</link>.

#. (itstool) path: sect1/para
#: C/index.docbook:146
msgid "A <quote>Transparent</quote> copy of the <link linkend="/fdl-document"> "
"Document</link> means a machine-readable copy, represented in a format whose "
specification is available to the general public, whose contents can be " "viewed and edited directly and straightforwardly with generic text editors " "or (for images composed of pixels) generic paint programs or (for drawings) " "some widely available drawing editor, and that is suitable for input to text " "formatters or for automatic translation to a variety of formats suitable for " "input to text formatters. A copy made in an otherwise Transparent file " "format whose markup has been designed to thwart or discourage subsequent " "modification by readers is not Transparent. A copy that is not " "<quote>Transparent</quote> is called <quote>Opaque</quote>.

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"document">Document</link> soit préserv et que les conditions indiquent "
"précemment soient respectées."
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msgid ""
msgid "List on the <link linkend="fdl-title-page">Title Page</link>, as authors, " 
"one or more persons or entities responsible for authorship of the " 
"modifications in the <link linkend="fdl-modified">Modified Version</link>, " 
"together with at least five of the principal authors of the <link linkend="fdl-document">Document</link> (all of its principal authors, if it has " 
"less than five)."
msgstr ""
msgid "Mentionner sur la <link linkend="fdl-title-page">Page de titre</link> en " 
"tand qu'auteurs une ou plusieurs des personnes ou entités responsables des " 
"modifications de la <link linkend="fdl-modified">Version modifiée</link>, " 
"avec au moins les cinq principaux auteurs du <link linkend="fdl-document" 
"/>Document</link> (ou tous les auteurs s'il y en a moins de cinq)."

msgid ""
msgid "State on the <link linkend="fdl-title-page">Title Page</link> the name of " 
"the publisher of the <link linkend="fdl-modified">Modified Version</link>, " 
"as the publisher."
msgstr ""
msgid "Prciser sur la <link linkend="fdl-title-page">Page de titre</link> le nom " 
"de l'éditeur de la <link linkend="fdl-modified">Version modifiée</link>, " 
"en tant qu'éditeur du Document."

msgid ""
msgid "Preserve all the copyright notices of the <link linkend="fdl-document" 
"/>Document</link>.
" 
msgstr ""
msgid "Preserver intégralement toutes les notices de copyright du <link linkend="fdl-document" 
"/>Document</link>.
"

msgid ""
msgid "Add an appropriate copyright notice for your modifications adjacent to the " 
"other copyright notices.
"msgstr ""
msgid "Ajouter une notice de copyright adjacente aux autres notices pour vos " 
"propres modifications."

msgid ""
"Include, immediately after the copyright notices, a license notice giving "
"the public permission to use the \(</link linkend="fdl-modified">Modified "
"Version</link> under the terms of this License, in the form shown in the "
"Addendum below."

"Inclure immédiatement après les notices de copyright une notice donnant "
"quiconque l'autorisation d'utiliser la \(</link linkend="fdl-modified" "
"\(>Version modifiée</link> selon les termes de cette Licence, sous la forme "
"présente dans l'annexe indique ci-dessous."

"Preserve in that license notice the full lists of \(</link linkend="fdl-"
"invariant"> Invariant Sections</link> and required \(</link linkend="fdl-
"cover-texts">Cover Texts</link> given in the \(</link linkend="fdl-document" "
">Document's</link> license notice."

"Prserve dans cette notice la liste complte des \(</link linkend="fdl-"
"invariant"> Sections inaltrables</link> et les \(</link linkend="fdl-cover-
"texts">Textes de couverture</link> donnés avec la notice de la Licence du "
"\(</link linkend="fdl-document">Document</link>.")"

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"to it an item stating at least the title, year, new authors, and publisher "
"of the \(</link linkend="fdl-modified">Modified Version</link> as given on "
"the \(</link linkend="fdl-title-page">Title Page</link>. If there is no "
"section entitled '<quote>History</quote>' in the \(</link linkend="fdl-document" "
">Document</link>, create one stating the title, year, authors, and "
"publisher of the Document as given on its Title Page, then add an item "
"describing the Modified Version as stated in the previous sentence."

"Preserve la section nomme '<quote>Historique</quote>' et son titre, et y "
"ajouter une nouvelle entre décivant le titre, l'année, les nouveaux "
"auteurs et l'éditeur de la \(</link linkend="fdl-modified">Version modifiée</link> "
"\(>Page de "
"titre</link>, ainsi qu'un descriptif des modifications apportées depuis la "
"précédente version. S'il n'y a pas de section nomme <quote>Historique</quote>
"quote> dans le <link linkend="fdl-document">Document</link>, créer une "
telle section précisant le titre, l'année, les auteurs et l'éditeur du "
"Document tel que précis sur la <link linkend="fdl-title-page">Page de "
"titre</link>, et ajouter une entrée décrivant la <link linkend="fdl-modified" ">
">Version modifiée</link> tel que précis dans la phrase précédente.

#. (itstool) path: listitem/para
#: C/index.docbook:372
msgid ""
"Preserve the network location, if any, given in the <link linkend="fdl-
"document">Document</link> for public access to a <link linkend="fdl-
"transparent">Transparent</link> copy of the Document, and likewise the "
"network locations given in the Document for previous versions it was based "
"on. These may be placed in the <quote>History</quote> section. You may omit "
a network location for a work that was published at least four years before "
"the Document itself, or if the original publisher of the version it refers "
to gives permission."
msgstr ""
"Conserver l'adresse réseau ventuellement indiquée dans le <link linkend=""
"fdl-document">Document</link> permettant quiconque d'accéder une "
"<link linkend="fdl-transparent">Copie transparente</link> du Document, "
"ainsi que les adresses réseau indiquées dans le Document pour les versions "
"précédentes sur lesquelles le Document se base. Ces liens peuvent être "
"placés dans la section <quote>Historique</quote>. Vous pouvez ne pas "
"conservier les liens pour un travail datant de plus de quatre ans avant la "
"version courante ou si l'éditeur d'origine vous en accorde la permission."

#. (itstool) path: listitem/para
#: C/index.docbook:387
msgid ""
"In any section entitled <quote>Acknowledgements</quote> or "
"<quote>Dedications</quote>, preserve the section's title, and preserve in "
"the section all the substance and tone of each of the contributor "
"acknowledgements and/or dedications given therein."
msgstr ""
"Si une section <quote>Dédicaces</quote> ou une section <quote>Remerciements</quote> "
"quote> sont présentes, les informations et les appréciations concernant les "
"contributeurs et les personnes auxquelles s'adressent ces remerciements "
"doivent être conservées, ainsi que le titre de ces sections."

#. (itstool) path: listitem/para
#: C/index.docbook:397
msgid ""
"Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> "
"of the <link linkend="fdl-document">Document</link>, unaltered in their "
text and in their titles. Section numbers or the equivalent are not "
"considered part of the section titles."
msgstr ""
"Conserver sans modification les \<link linkend="fdl-invariant">Sections " 
"inaltérables</link> du \<link linkend="fdl-document">Document</link>, ni " 
dans leurs textes, ni dans leurs titres. Les numéros de sections ne sont pas " 
"considérés comme faisant partie du texte des sections."

#. (itstool) path: listitem/para 
#: C/index.docbook:407 
msgid "" 
"Delete any section entitled \<quote>Endorsements</quote>. Such a section may " 
"not be included in the \<link linkend="fdl-modified">Modified Version</link> " 
"link>."

msgstr ""
"Effacer toute section intitulée \<quote>Approbations</quote>. Une telle " 
"section ne peut pas être incluse dans une \<link linkend="fdl-modified" " 
{}">Version modifiée</link>.

#. (itstool) path: listitem/para 
#: C/index.docbook:416 
msgid "" 
"Do not retitle any existing section as \<quote>Endorsements</quote> or to " 
"conflict in title with any \<link linkend="fdl-invariant">Invariant " 
"Section</link>.

msgstr "" 
"Ne pas renommer une section existante sous le titre \<quote>Approbations</link> " 
"quote> ou sous un autre titre entrant en conflit avec le titre d'une \<link " 
"linkend="fdl-invariant">Section inaltérable</link>."

#. (itstool) path: sect1/para 
#: C/index.docbook:425 
msgid "" 
"If the \<link linkend="fdl-modified">Modified Version</link> includes new " 
"front-matter sections or appendices that qualify as \<link linkend="fdl-" "secondary">Secondary Sections</link> and contain no material copied from " 
"the Document, you may at your option designate some or all of these sections " 
"as invariant. To do this, add their titles to the list of \<link linkend=" " 
"\"fdl-invariant\">Invariant Sections</link> in the Modified Version's " 
"license notice. These titles must be distinct from any other section titles." 

msgstr "" 
"Si la \<link linkend="fdl-modified">Version modifiée</link> contient de " 
"nouvelles sections préliminaires ou de nouvelles annexes considérées comme " 
"des \<link linkend="fdl-secondary">Sections secondaires</link> et que " 
"celles-ci ne contiennent aucun lment copi partir du Document, vous " 
"pouvez, à votre convenance, désigner une ou plusieurs comme tant des " 
"Sections inaltérables. Pour ce faire, ajoutez leurs titres dans la liste des " 
"\<link linkend="fdl-invariant">Sections inaltérables</link> au sein de la " 
"notice de Licence de la Version modifiée. Ces titres doivent être distincts " 
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"d'origine, ou, dfaut, un numro unique. Les mmes modifications doivent " 
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"Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "
"<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend="" />
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"software."

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"que el programari sigui lliure per a tots els seus usuaris i usuries."

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msgid ""
msgid "When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."
msgstr ""
"Quan parlem de programari lliure ens referim a la llibertat, no al preu. Les "
"nostres llicencies públiques generals estan pensades per assegurar que "
"tingueu la llibertat de distribuir copies del programari lliure (i de cobrar "
"per aquest servei, si voleu); que rebeu el codi font o que, si el voleu, el "
"pugueu rebre; que pugueu modificar el programari o fer-ne servir parts en "
"programes lliures nous; i que sapigueu que podeu fer totes aquestes coses."

#: C/index.docbook:79(sect1/para)
msgid ""
msgid "This license, the Lesser General Public License, applies to some specially "
"designated software packages--typically libraries--of the Free Software "
"Foundation and other authors who decide to use it. You can use it too, but "
"we suggest you first think carefully about whether this license or the "
"ordinary General Public License is the better strategy to use in any "
"particular case, based on the explanations below."
msgstr ""

#: C/index.docbook:88(sect1/para)
msgid ""
msgid "When we speak of free software, we are referring to freedom of use, not "
"price. Our General Public Licenses are designed to make sure that you have "
"the freedom to distribute copies of free software (and charge for this "
"service if you wish); that you receive source code or can get it if you want "
"it; that you can change the software and use pieces of it in new free "
"programs; and that you are informed that you can do these things."
msgstr ""
"Quan parlem de programari lliure ens referim a la llibertat, no al preu. Les "
"nostres llicencies públiques generals estan pensades per assegurar que "
"tingueu la llibertat de distribuir copies del programari lliure (i de cobrar "
"per aquest servei, si voleu); que rebeu el codi font o que, si el voleu, el "
"pugueu rebre; que pugueu modificar el programari o fer-ne servir parts en "
"programes lliures nous; i que sapigueu que podeu fer totes aquestes coses."
msgid ""
"To protect your rights, we need to make restrictions that forbid "
"distributors to deny you these rights or to ask you to surrender these "
"rights. These restrictions translate to certain responsibilities for you if "
"you distribute copies of the library or if you modify it." 
msgstr ""
"Per protegir els vostres drets, cal que apliquem restriccions que "
"prohibeixin a tothom de negar-vos aquests drets o demanar-vos que hi "
"renuncieu. Aquestes restriccions suposen determinades responsabilitats per a "
"vs si distribueu cpies del programari o si el modifiqueu."

#: C/index.docbook:105(sect1/para)
msgid ""
"For example, if you distribute copies of the library, whether gratis or for "
"a fee, you must give the recipients all the rights that we gave you. You "
"must make sure that they, too, receive or can get the source code. If you "
"link other code with the library, you must provide complete object files to "
"the recipients, so that they can relink them with the library after making "
"changes to the library and recompiling it. And you must show them these "
"terms so they know their rights." 
msgstr ""

#: C/index.docbook:115(sect1/para)
msgid ""
"We protect your rights with a two-step method: (1) we copyright the library, "
"and (2) we offer you this license, which gives you legal permission to copy, "
"distribute and/or modify the library." 
msgstr ""

#: C/index.docbook:121(sect1/para)
msgid ""
"To protect each distributor, we want to make it very clear that there is no "
"warranty for the free library. Also, if the library is modified by someone "
"else and passed on, the recipients should know that what they have is not "
"the original version, so that the original author's reputation will not be "
"affected by problems that might be introduced by others." 
msgstr ""

#: C/index.docbook:130(sect1/para)
msgid ""
"Finally, software patents pose a constant threat to the existence of any "
"free program. We wish to make sure that a company cannot effectively "
"restrict the users of a free program by obtaining a restrictive license from "
"a patent holder. Therefore, we insist that any patent license obtained for a "
"version of the library must be consistent with the full freedom of use "
"specified in this license." 
msgstr ""
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the Lesser General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.
Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a work based on the library and a work that uses the library. The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called this License). Each licensee is addressed as you.

A library means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The Library, below, refers to any such software library or work which has been distributed under these terms. A work based on the Library means either the Library or any derivative work under
"copyright law: that is to say, a work containing the Library or a portion of "
"it, either verbatim or with modifications and/or translated "
"straightforwardly into another language. (Hereinafter, translation is "
"included without limitation in the term <quote>modification</quote>.)"
msgstr ""

#: C/index.docbook:233(sect2/para)
msgid ""
"<quote>Source code</quote> for a work means the preferred form of the work "
"for making modifications to it. For a library, complete source code means "
"all the source code for all modules it contains, plus any associated "
"interface definition files, plus the scripts used to control compilation and "
"installation of the library."
msgstr ""

#: C/index.docbook:241(sect2/para)
msgid ""
"Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running a program "
"using the Library is not restricted, and output from such a program is "
"covered only if its contents constitute a work based on the Library "
"(independent of the use of the Library in a tool for writing it). Whether "
"that is true depends on what the Library does and what the program that uses "
"the Library does."
msgstr ""

#: C/index.docbook:254(sect2/title)
msgid "Section 1"
msgstr "Secci 1"

#: C/index.docbook:255(sect2/para)
msgid ""
"You may copy and distribute verbatim copies of the Library's complete source "
"code as you receive it, in any medium, provided that you conspicuously and "
"appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and distribute a copy of this "
"License along with the Library."
msgstr ""
"Podeu copiar i distribuir cpies literals del codi font de la biblioteca tal "
"com el rebeu, en qualsevol mitj, sempre que publiqueu en cada cpia, de "
"manera adient i ben visible, una nota de copyright i una renncia de "
"garantia; manteniu intactes tots els avisos que fan referncia a aquesta "
"llicencia i a l'absncia de garanties de cap mena; i distribuu una cpia "
"d'aquesta llicencia juntament amb la biblioteca."

#: C/index.docbook:265(sect2/para)
msgid ""
"You may charge a fee for the physical act of transferring a copy, and you "
"may at your option offer warranty protection in exchange for a fee."
msgstr ""
"Podeu cobrar un preu per l'acte físic de trametre una còpia i podeu, si així "
"ho voleu, oferir alguna garantia a canvi d'un preu."

#: C/index.docbook:273(sect2/title)
msgid "Section 2"
msgstr "Secció 2"

#: C/index.docbook:283(listitem/para)
msgid "The modified work must itself be a software library."
msgstr ""

#: C/index.docbook:288(listitem/para)
msgid "You must cause the files modified to carry prominent notices stating that "
"you changed the files and the date of any change."
msgstr ""
"Heu de fer que els fitxers modificats portin indicacions ben visibles que "
"diguin que heu modificat els fitxers, i hi heu d'escriure la data de la "
"modificació."

#: C/index.docbook:294(listitem/para)
msgid "You must cause the whole of the work to be licensed at no charge to all "
"third parties under the terms of this License."
msgstr ""

#: C/index.docbook:300(listitem/para)
msgid "If a facility in the modified Library refers to a function or a table of "
"data to be supplied by an application program that uses the facility, other "
"than as an argument passed when the facility is invoked, then you must make "
"a good faith effort to ensure that, in the event an application does not "
"supply such function or table, the facility still operates, and performs "
"whatever part of its purpose remains meaningful."
msgstr ""

#: C/index.docbook:310(listitem/para)
msgid "(For example, a function in a library to compute square roots has a purpose "
"that is entirely well-defined independent of the application. Therefore, "
"Subsection 2d requires that any application-supplied function or table used "
"by this function must be optional: if the application does not supply it, "
"the square root function must still compute square roots.)"
msgstr ""
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of <link linkend="sect1">Section 1</link>.
"link> above, provided that you also meet all of these conditions: <_:orderedlist-1/>
"msgstr ""
"Podeu modificar la copia o copies de la biblioteca o qualsevol tros de la "biblioteca i, així, fer una obra basada en la biblioteca, i podeu copiar i "distribuir aquestes modificacions o obres sota els termes de la <link "linkend="sect1">Seccio 1</link> anterior, sempre que també compliu les "condicions següents: <_:orderedlist-1/>"

#: C/index.docbook:352(sect2/title)
msgid "Section 3"
msgstr "Secci 3"

#: C/index.docbook:354(sect2/para)
msgid ""
"You may opt to apply the terms of the ordinary GNU General Public License "instead of this License to a given copy of the Library. To do this, you must "alter all the notices that refer to this License, so that they refer to the "ordinary GNU General Public License, version 2, instead of to this License. "(If a newer version than version 2 of the ordinary GNU General Public "License has appeared, then you can specify that version instead if you "wish.) Do not make any other change in these notices."
msgstr ""

#: C/index.docbook:365(sect2/para)
msgid ""
"Once this change is made in a given copy, it is irreversible for that copy, "so the ordinary GNU General Public License applies to all subsequent copies "and derivative works made from that copy."
msgstr ""

#: C/index.docbook:371(sect2/para)
msgid ""
"This option is useful when you wish to copy part of the code of the Library "into a program that is not a library."
msgstr ""

#: C/index.docbook:378(sect2/title)
msgid "Section 4"
msgstr "Secci 4"

#: C/index.docbook:380(sect2/para)
msgid ""
"You may copy and distribute the Library (or a portion or derivative of it, "under <link linkend="\"sect2\">Section 2</link> ) in object code or "executable form under the terms of Sections <link linkend="\"sect1\">1</link> "and <link linkend="\"sect2\">2</link> above provided that you accompany it "with the complete corresponding machine-readable source code, which must be "
distributed under the terms of Sections <a>1</a> and <a>2</a> above on a medium customarily used for "software interchange."

"If distribution of object code is made by offering access to copy from a "
"designated place, then offering equivalent access to copy the source code "
"from the same place satisfies the requirement to distribute the source code, "
"even though third parties are not compelled to copy the source along with "
"the object code."

A program that contains no derivative of any portion of the Library, but is "
designed to work with the Library by being compiled or linked with it, is "
called a <quote>work that uses the Library</quote>. Such a work, in "
isolation, is not a derivative work of the Library, and therefore falls "
outside the scope of this License."

However, linking a <quote>work that uses the Library</quote> with the "
Library creates an executable that is a derivative of the Library (because "
it contains portions of the Library), rather than a <quote>work that uses "
the library</quote>. The executable is therefore covered by this License. "
"Section 6" states terms for distribution of "
such executables."

When a <quote>work that uses the Library</quote> uses material from a header "
"file that is part of the Library, the object code for the work may be a "
"derivative work of the Library even though the source code is not. Whether "
"this is true is especially significant if the work can be linked without the "
"Library, or if the work is itself a library. The threshold for this to be "
"true is not precisely defined by law."
If such an object file uses only numerical parameters, data structure
"layouts and accessors, and small macros and small inline functions (ten"
"lines or less in length), then the use of the object file is unrestricted,"
"regardless of whether it is legally a derivative work. (Executables"
"containing this object code plus portions of the Library will still fall"
"under <link linkend="sect6">Section 6</link>.)"

 Otherwise, if the work is a derivative of the Library, you may distribute
"the object code for the work under the terms of <link linkend="sect6">Section 6</link>. Any executables containing that work also fall"
"under <link linkend="sect6">Section 6</link>, whether or not they are"
"linked directly with the Library itself."

As an exception to the Sections above, you may also combine or link a
"<quote>work that uses the Library</quote> with the Library to produce a work"
"containing portions of the Library, and distribute that work under terms of"
"your choice, provided that the terms permit modification of the work for the"
"customer's own use and reverse engineering for debugging such modifications."

Accompany the work with the complete corresponding machine-readable source
"code for the Library including whatever changes were used in the work (which"
"must be distributed under Sections <link linkend="sect1">1</link> and"
"<link linkend="sect2">2</link> above); and, if the work is an executable"
"linked with the Library, with the complete machine-readable <quote>work that"
"uses the Library</quote>, as object code and/or source code, so that the"
"user can modify the Library and then relink to produce a modified executable"
"containing the modified Library. (It is understood that the user who changes"
"the contents of definitions files in the Library will not necessarily be"
"able to recompile the application to use the modified definitions.)"

Use a suitable shared library mechanism for linking with the Library. A"
"suitable mechanism is one that (1) uses at run time a copy of the library "
"already present on the user's computer system, rather than copying library "
"functions into the executable, and (2) will operate properly with a modified "
"version of the library, if the user installs one, as long as the modified "
"version is interface-compatible with the version that the work was made with."

msgid ""
msgstr ""
#: C/index.docbook:500(listitem/para)
msgid ""
msgstr ""
"Accompany the work with a written offer, valid for at least three years, to "
"give the same user the materials specified in <link linkend="sect6a" "
"Subsection 6a</link> , above, for a charge no more than the cost of "
"performing this distribution."

msgid ""
msgstr ""
#: C/index.docbook:509(listitem/para)
msgid ""
msgstr ""
"If distribution of the work is made by offering access to copy from a "
"designated place, offer equivalent access to copy the above specified "
"materials from the same place."

msgid ""
msgstr ""
#: C/index.docbook:516(listitem/para)
msgid ""
msgstr ""
"Verify that the user has already received a copy of these materials or that "
"you have already sent this user a copy."

msgid ""
msgstr ""
#: C/index.docbook:462(sect2/para)
msgid ""
msgstr ""
"You must give prominent notice with each copy of the work that the Library "
"is used in it and that the Library and its use are covered by this License. "
"You must supply a copy of this License. If the work during execution "
"displays copyright notices, you must include the copyright notice for the "
"Library among them, as well as a reference directing the user to the copy of "
"this License. Also, you must do one of these things: <_:orderedlist-1/>"

msgid ""
msgstr ""
#: C/index.docbook:524(sect2/para)
msgid ""
msgstr ""
"For an executable, the required form of the <quote>work that uses the "
"Library</quote> must include any data and utility programs needed for "
"reproducing the executable from it. However, as a special exception, the "
"materials to be distributed need not include anything that is normally "
"distributed (in either source or binary form) with the major components "
"(compiler, kernel, and so on) of the operating system on which the "
"executable runs, unless that component itself accompanies the executable."
It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License...
"will not have their licenses terminated so long as such parties remain in 
"full compliance."

"You are not required to accept this License, since you have not signed it. 
"However, nothing else grants you permission to modify or distribute the 
"Library or its derivative works. These actions are prohibited by law if you 
"do not accept this License. Therefore, by modifying or distributing the 
"Library (or any work based on the Library), you indicate your acceptance of 
"this License to do so, and all its terms and conditions for copying, 
"distributing or modifying the Library or works based on it."

"Each time you redistribute the Library (or any work based on the Library), 
"the recipient automatically receives a license from the original licensor to 
"copy, distribute, link with or modify the Library subject to these terms and 
"conditions. You may not impose any further restrictions on the recipients' 
"exercise of the rights granted herein. You are not responsible for enforcing 
"compliance by third parties with this License."

"If, as a consequence of a court judgment or allegation of patent 

"infringement or for any other reason (not limited to patent issues),"
"conditions are imposed on you (whether by court order, agreement or"
"otherwise) that contradict the conditions of this License, they do not"
"excuse you from the conditions of this License. If you cannot distribute so"
"as to satisfy simultaneously your obligations under this License and any"
"other pertinent obligations, then as a consequence you may not distribute"
"the Library at all. For example, if a patent license would not permit"
"royalty-free redistribution of the Library by all those who receive copies"
"directly or indirectly through you, then the only way you could satisfy both"
"it and this License would be to refrain entirely from distribution of the"
"Library."

msgstr ""

"Si, a conseqüència d'una decisió judicial, una demanda per infracció d'una"
"patent o per qualsevol altra raó (no exclusivament relacionada amb patents),"
"se us imposen condicions (tant si s'hi per ordre judicial, acord, o el que"
"sigui) que contradiuen les condicions d'aquesta llicència, no quedeu excusat"
"de les condicions d'aquesta llicència. Si no us s'hi possible distribuir de"
"manera que satisfueu alhora les obligacions que us imposa aquesta llicència i"
"qualsevol altra obligació pertinents, aleshores no podeu distribuir els"
"programa en absolut. Per exemple, si una llicència de patent no permet"
"redistribuir gratutament la biblioteca a aquells que hagin rebut còpies de"
"vs directament o indirectament, aleshores la nica manera en què podreu"
"satisfet tant així com aquesta llicència seria abstenir-vos completament de"
"distribuir la biblioteca."

#: C/index.docbook:637(sect2/para)
msgid ""

"If any portion of this section is held invalid or unenforceable under any"
"particular circumstance, the balance of the section is intended to apply,"
"and the section as a whole is intended to apply in other circumstances."

msgstr ""

"Si qualsevol fragment d'aquesta secció queds invalidat o no es pogeu fer"
"complir en qualsevol circumstància particular, la intenció s que s'apliqui"
"el balan de la secció, i que s'apliqui la secció en la seva totalitat en"
"altres circumstàncies."

#: C/index.docbook:643(sect2/para)
msgid ""

"It is not the purpose of this section to induce you to infringe any patents"
"or other property right claims or to contest validity of any such claims;"
"this section has the sole purpose of protecting the integrity of the free"
"software distribution system which is implemented by public license"
"practices. Many people have made generous contributions to the wide range of"
"software distributed through that system in reliance on consistent"
"application of that system; it is up to the author/donor to decide if he or"
"she is willing to distribute software through any other system and a"
"licensee cannot impose that choice."

msgstr ""
"El proposit d'aquesta secció no s'induir-vos a infringir cap patent ni cap "
"altre requeriment del dret a la propietat, o a discutir-ne la validesa;
"l'unic proposit d'aquesta secció s'arreglar la integritat del sistema de "
"distribució de programari lliure, que s'implementa amb pràctiques de "
"licència pública. Molta gent ha fet generoses contribucions a l'ampli "
"ventall de programari distribuït per aquest sistema refiant-se de "
"l'aplicació consistent del sistema; li pertoca a l'autor, autora o donant "
"decidir si vol distribuir programari per algun altre sistema, i un "
"beneficiari de la licència no pot imposar aquesta elecció."

#: C/index.docbook:656(sect2/para)
msgid ""
msgstr ""
"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."
msgstr ""
"Aquesta secció pretén deixar del tot clar el que es considera una "
"conseqüència de la resta de la llicència."

#: C/index.docbook:663(sect2/title)
msgid "Section 12"
msgstr "Secció 12"

#: C/index.docbook:665(sect2/para)
msgid ""
msgstr ""
"If the distribution and/or use of the Library is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Library under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded. "
"In such case, this License incorporates the limitation as if written in the "
"body of this License."
msgstr ""
"Si hi ha pasos que restringeixen la distribució o l's de la biblioteca, ja "
"sigui per patents o per interfeccions sota copyright, el possessor del "
"copyright original que posi la biblioteca sota aquesta llicència pot afegir "
"limitacions geogràfiques explícites que exclouguin aquests pasos, de manera "
"que la distribució només quedi permesa dins dels pasos no exclosos, o entre "
"ells. En tal cas, aquesta llicència incorpora la limitació com si estigues "
"escrita en el text de la llicència."

#: C/index.docbook:677(sect2/title)
msgid "Section 13"
msgstr "Secció 13"

#: C/index.docbook:679(sect2/para)
msgid ""
msgstr ""
"The Free Software Foundation may publish revised and/or new versions of the "
"Lesser General Public License from time to time. Such new versions will be "
"similar in spirit to the present version, but may differ in detail to "
"address new problems or concerns."

#: C/index.docbook:686(sect2/para)
msgid ""
"Each version is given a distinguishing version number. If the Library "
" specifies a version number of this License which applies to it and "
" <quote>any later version</quote», you have the option of following the terms "
" and conditions either of that version or of any later version published by "
" the Free Software Foundation. If the Library does not specify a license "
" version number, you may choose any version ever published by the Free "
" Software Foundation."
msgid ""

#: C/index.docbook:698(sect2/title)
msgid "Section 14"
msgstr "Secci 14"

#: C/index.docbook:700(sect2/para)
msgid ""
"If you wish to incorporate parts of the Library into other free programs "
" whose distribution conditions are incompatible with these, write to the "
" author to ask for permission. For software which is copyrighted by the Free "
" Software Foundation, write to the Free Software Foundation; we sometimes "
" make exceptions for this. Our decision will be guided by the two goals of "
" preserving the free status of all derivatives of our free software and of "
" promoting the sharing and reuse of software generally."
msgid ""

#: C/index.docbook:713(sect2/title)
msgid "NO WARRANTY"
msgstr "SENSE GARANTIA"

#: C/index.docbook:714(sect2/subtitle)
msgid "Section 15"
msgstr "Secci 15"

#: C/index.docbook:716(sect2/para)
msgid ""
"BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "
" LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE "
" STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "
" LIBRARY <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED "
" OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF "
" MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "
" THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY "
" PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"
"CORRECTION."

msgid "" msgstr ""  

"ATS QUE LA BIBLIOTECA T UNA LLICÈNCIA GRATUITA, NO SE N'OFEREIX CAP TIPUS "
"DE GARANTIA, EN LA MESA PERMESA PER LES LLEIS APLICABLES. LLEVAT DEL "
"CASOS EN QU'T S'AFIRMI EL CONTRARI PER ESCRIT, ELS LLICENCIADORS I/O LES "
"ALTRES PARTS OFEREIXEN LA BIBLIOTECA <quote>TAL COM S</quote>, SENSE CAP "
"TIPUS DE GARANTIA, NI EXPLCITA NI IMPLICITA; AIXÍ INCLUD, SENSE LIMITAR—" 
"S'H, LES GARANTIES IMPLICITES DE COMERCIALITZACI I ADEQUACI A UN S "
"CONCRET. TOT EL RISC PEL QUE FA A LA QUALITAT I RENDIMENT DE LA BIBLIOTECA "
"S'VOSTRE. EN CAS QUE LA BIBLIOTECA RESULTS DEFECTUOSA, VS ASSUMIU TOT EL "
"COST D'ASSISTENCIA, REPARACI O CORRECCI."

#: C/index.docbook:730(sect2/title) 
msgid "Section 16" 
msgstr "Secci 16" 

#: C/index.docbook:732(sect2/para) 
msgid "" msgstr ""  

"IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "
"THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
"SUCH DAMAGES." 

msgid "" msgstr ""  

"EL POSSEDOR DEL COPYRIGHT, O QUALSEVOL ALTRA PART QUE PUGUI MODIFICAR O "
"REDISTRIBUÏR LA BIBLIOTECA TAL I COM ES PERMET MS AMUNT NO US HAUR DE "
"RESPONDER EN CAP CAS, TRET DEL QUE REQUEREIX LA LLEI APLICABLE O ELS ACORDS "
"PER ESCRIT, PER PERJUDICIS, INCLUSOS ELS INCIDENTALS, DERIVATS, ESPECIALS O "
"GENERALS QUE ES DERIVIN DE L'S O DE LA IMPOSSIBILITAT D'S DE LA BIBLIOTECA "
"INCLOSES, ENTRE D'ALTRES, LES PRÒVES DE DADES, LES DADES QUE LA BIBLIOTECA "
"HAGI MALMS, LES PRÒVES QUE US HAGI PROVOCAT A VS O A TERCERS O LA "
"IMPOSSIBILITAT QUE LA BIBLIOTECA FUNCIONI AMB QUALSEVOL ALTRE PROGRAMA), "
"FINS I TOT SI AQUEST POSSEDOR O ALTRA PART HA ESTAT ADVERTIDA DE LA "
"IMPOSSIBILITAT D'AQUESTS PERJUDICIS." 

# edit by Changwoo Ryu <cwryu@debian.org>, 2007, 2008. 
# 
msgid "" msgstr ""  

"Project-Id-Version: lgpl"n" 
"POT-Creation-Date: 2008-02-24 23:28+0900"n" 
"PO-Revision-Date: 2008-11-22 01:21+0900"n" 
"Last-Translator: Changwoo Ryu <cwryu@debian.org>"n" 
"Language-Team: GNOME Korea <gnome-kr-hackers@listd.kldp.net>"n"
"MIME-Version: 1.0"
"Content-Type: text/plain; charset=UTF-8"
"Content-Transfer-Encoding: 8bit"

#: ../C/lgpl.xml:17(title)
msgid "GNU Lesser General Public License"
msgstr "GNU"

#: ../C/lgpl.xml:19(year)
msgid "2000"
msgstr "2000"

#: ../C/lgpl.xml:20(holder)
msgid "Free Software Foundation, Inc."
msgstr "Free Software Foundation, Inc."

#: ../C/lgpl.xml:23(surname)
msgid "Free Software Foundation"
msgstr "Free Software Foundation"

#: ../C/lgpl.xml:26(publishername)
msgid "GNOME Documentation Project"
msgstr ""

#: ../C/lgpl.xml:30(revnumber)
msgid "2.1"
msgstr "2.1"

#: ../C/lgpl.xml:31(date)
msgid "1999-02"
msgstr "1999-02"

#: ../C/lgpl.xml:35(para)
msgid ""
"<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth "
"Floor</street>, <city>Boston</city>, <state>MA</state><postcode>02110-1301</"/
"postcode><country>USA</country></address>.
msgstr ""
"<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth "
"Floor</street>, <city>Boston</city>, <state>MA</state><postcode>02110-1301</"/
"postcode><country>USA</country></address>.

#: ../C/lgpl.xml:43(para)
msgid ""
"Everyone is permitted to copy and distribute verbatim copies of this license "
"document, but changing it is not allowed."
msgstr ""
""
".

#: ../C/lgpl.xml:48(releaseinfo)
msgid "Version 2.1, February 1999"
msgstr "2.1, 1999 2"

#: ../C/lgpl.xml:51(para)
msgid ""
msgstr ""
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public Licenses are "
"intended to guarantee your freedom to share and change free software - to "
"make sure the software is free for all its users."
msgstr ""
" "
" . GNU "
" "
" ."

#: ../C/lgpl.xml:61(title)
msgid "Preamble"
msgstr ""

#: ../C/lgpl.xml:63(para)
msgid ""
msgstr ""
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public Licenses are "
"intended to guarantee your freedom to share and change free software--to "
"make sure the software is free for all its users."
msgstr ""
" "
" . GNU "
" "
" ."

#: ../C/lgpl.xml:70(para)
msgid ""
msgstr ""
"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."
msgstr ""
" "
" . GNU "
" "
" ."
This license, the Lesser General Public License, applies to some specially designated software packages—typically libraries—of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.
"For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights."

"We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library."

"To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others."

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"Finally, software patents pose a constant threat to the existence of any "
"free program. We wish to make sure that a company cannot effectively "
"restrict the users of a free program by obtaining a restrictive license from "
"a patent holder. Therefore, we insist that any patent license obtained for a "
"version of the library must be consistent with the full freedom of use "
"specified in this license."

msgid ""
"      .  
"          
"      .     
"       LGPL    
"       ."

#: ../C/lgpl.xml:139(para)
msgid ""
"Most GNU software, including some libraries, is covered by the ordinary GNU "
"General Public License. This license, the GNU Lesser General Public License, "
"applies to certain designated libraries, and is quite different from the "
"ordinary General Public License. We use this license for certain libraries "
"in order to permit linking those libraries into non-free programs."

msgid ""
"    GNU  GPL .  
"  LGPL    GPL    
"  .  LGPL      
" ."

#: ../C/lgpl.xml:148(para)
msgid ""
"When a program is linked with a library, whether statically or using a "
"shared library, the combination of the two is legally speaking a combined "
"work, a derivative of the original library. The ordinary General Public "
"License therefore permits such linking only if the entire combination fits "
"its criteria of freedom. The Lesser General Public License permits more lax "
"criteria for linking other code with the library."

msgid ""
"    ,   
"            
",     2  . GPL 
"   GPL   
"  . LGPL   
" ."

#: ../C/gpl.xml:158(para)
msgid ""
"We call this license the <quote>Lesser</quote> General Public License "
"because it does Less to protect the user's freedom than the ordinary General "
"Public License. It also provides other free software developers Less of an "
"advantage over competing non-free programs. These disadvantages are the "

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"reason we use the ordinary General Public License for many libraries."
"However, the Lesser license provides advantages in certain special"
"circumstances."
msgid ""
"    <quote></quote>      
"    GPL   .
"    LGPL          
"    GPL     .   
"    LGPL   .
"    .   
"    LGPL ."

#: ../C/lgpl.xml:168(para)
msgid ""
"For example, on rare occasions, there may be a special need to encourage the"
"widest possible use of a certain library, so that it becomes a de-facto"
"standard. To achieve this, non-free programs must be allowed to use the"
"library. A more frequent case is that a free library does the same job as"
"widely used non-free libraries. In this case, there is little to gain by"
"limiting the free library to free software only, so we use the Lesser"
"General Public License."
msgid ""
"    .        
"    .         
"    ,        
"    .
"    ,
"    GNU C   
"    GNU/ GNU/   
"    .

#: ../C/lgpl.xml:178(para)
msgid ""
"In other cases, permission to use a particular library in non-free programs"
"enables a greater number of people to use a large body of free software. For"
"example, permission to use the GNU C Library in non-free programs enables"
"many more people to use the whole GNU operating system, as well as its"
"variant, the GNU/Linux operating system."
msgid ""
"    .   
"    GNU C   
"    GNU/ GNU/   
"    .

#: ../C/lgpl.xml:187(para)
msgid ""
"Although the Lesser General Public License is Less protective of the users’"
"freedom, it does ensure that the user of a program that is linked with the"
"Library has the freedom and the wherewithal to run that program using a "
"modified version of the Library."

msgid ""
msgstr "" 
"LGPL , LGPL "
" "
" "
" ."

#: ../C/lgpl.xml:194(para)
msgid ""
msgstr ""
"The precise terms and conditions for copying, distribution and modification "
"follow. Pay close attention to the difference between a <quote>work based on "
"the library</quote> and a <quote>work that uses the library</quote>. The "
"former contains code derived from the library, whereas the latter must be "
"combined with the library in order to run."

msgid ""
msgstr ""
" . <quote>" 
" <quote> <quote> </quote> <quote> </quote> "
" . "
" ."

#: ../C/lgpl.xml:205(title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr ""

#: ../C/lgpl.xml:208(title)
msgid "Section 0"
msgstr "0"

#: ../C/lgpl.xml:209(para)
msgid ""
msgstr ""
"This License Agreement applies to any software library or other program "
"which contains a notice placed by the copyright holder or other authorized "
"party saying it may be distributed under the terms of this Lesser General "
"Public License (also called <quote>this License</quote>). Each licensee is "
"addressed as <quote>you</quote>.

msgid ""
msgstr ""
" GNU (, <quote>LGPL</quote>)" 
" .) "
" "
" (, <quote>)" 
" , <quote>LGPL "
" ."

#: ../C/lgpl.xml:217(para)
msgid ""
msgstr ""
"A <quote>library</quote> means a collection of software functions and/or "

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"data prepared so as to be conveniently linked with application programs "
"(which use some of those functions and data) to form executables."

msgid "" msgstr ""
"<quote></quote> "
" "
" .

#: ../C/lgpl.xml:223(para)
msgid ""
msgstr ""
"The <quote>Library</quote>, below, refers to any such software library or "
"work which has been distributed under these terms. A <quote>work based on "
"the Library<quote> means either the Library or any derivative work under "
"copyright law: that is to say, a work containing the Library or a portion of "
"it, either verbatim or with modifications and/or translated "
"straightforwardly into another language. (Hereinafter, translation is "
"included without limitation in the term <quote>modification</quote>.)"

msgid " " msgstr " <quote></quote> <quote> </quote> 2 . . . ( . )"

#: ../C/lgpl.xml:233(para)
msgid ""
msgstr ""
"<quote>Source code</quote> for a work means the preferred form of the work "
"for making modifications to it. For a library, complete source code means "
"all the source code for all modules it contains, plus any associated "
"interface definition files, plus the scripts used to control compilation and "
"installation of the library."

msgid ""
msgstr ""
" " msgstr " "
" . "
" . "
" . "

#: ../C/lgpl.xml:241(para)
msgid ""
msgstr ""
"Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running a program "
"using the Library is not restricted, and output from such a program is "
"covered only if its contents constitute a work based on the Library "
"(independent of the use of the Library in a tool for writing it). Whether "
"that is true depends on what the Library does and what the program that uses "
"the Library does."

msgid ""
msgstr ""
" " msgstr " "
" . "
" . "
" . "
" 2 "
" . 2 2 "
" . "
" . "


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Section 1

You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, "the square root function must still compute square roots.

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.)
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of <link linkend="sect1">Section 1</link> above, provided that you also meet all of these conditions:

"<placeholder-1/>"

"<link linkend="sect1">Section 1</link> " <placeholder-1/>"
"You may opt to apply the terms of the ordinary GNU General Public License "
"instead of this License to a given copy of the Library. To do this, you must "
"alter all the notices that refer to this License, so that they refer to the "
"ordinary GNU General Public License, version 2, instead of to this License. "
"(If a newer version than version 2 of the ordinary GNU General Public "
"License has appeared, then you can specify that version instead if you "
"wish.) Do not make any other change in these notices."

msgstr ""
" Linux GPL "
" LGPL GPL "
" GPL 2. (GPL 2 "
" ) "
" "

#: ../C/lgpl.xml:365(para)
msgid ""
"Once this change is made in a given copy, it is irreversible for that copy, "
"so the ordinary GNU General Public License applies to all subsequent copies "
"and derivative works made from that copy."

msgstr ""
" GPL "
" LGPL GPL "

#: ../C/lgpl.xml:371(para)
msgid ""
"This option is useful when you wish to copy part of the code of the Library "
"into a program that is not a library."

msgstr ""
" "
" "

#: ../C/lgpl.xml:378(title)
msgid "Section 4"

msgstr "4"

#: ../C/lgpl.xml:380(para)
msgid ""
"You may copy and distribute the Library (or a portion or derivative of it, "
"under <link linkend="sect2">Section 2</link> ) in object code or "
"executable form under the terms of Sections <link linkend="sect1">1</link >1 <link linkend="sect2">2</link>
"and <link linkend="sect1">1</link >2 <link linkend="sect2">2</link> above provided that you accompany it "
"with the complete corresponding machine-readable source code, which must be "
"distributed under the terms of Sections <link linkend="sect1">1</link > and "
"<link linkend="sect1">1</link >2 <link linkend="sect2">2</link> above on a medium customarily used for "
"software interchange."

msgstr ""
" <link linkend="sect1">1</link > <link linkend="sect2">2"
If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a work that uses the Library. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a work that uses the Library with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a work that uses the library. The executable is therefore covered by this License. <link linkend="sect6">Section 6</link> states terms for distribution of such executables.
When a work that uses the Library uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
"<link linkend="sect6">6</link>"

#: ../C/lgpl.xml:451(title)
msgid "Section 6"
msgstr "6"

#: ../C/lgpl.xml:453(para)
msgid ""
msgstr ""

"As an exception to the Sections above, you may also combine or link a "
"<quote>work that uses the Library</quote> with the Library to produce a work "
"containing portions of the Library, and distribute that work under terms of "
"your choice, provided that the terms permit modification of the work for the "
"customer's own use and reverse engineering for debugging such modifications."
msgstr ""

". <quote> "
"</quote> "
" . "
" . "
" (reverse engineering) "
" . "

#: ../C/lgpl.xml:473(para)
msgid ""
msgstr ""

"Accompany the work with the complete corresponding machine-readable source "
"code for the Library including whatever changes were used in the work (which "
"must be distributed under Sections <link linkend="sect1">1</link> and "
"<link linkend="sect2">2</link> above); and, if the work is an executable "
"linked with the Library, with the complete machine-readable <quote>work that "
"uses the Library</quote>, as object code and/or source code, so that the "
"user can modify the Library and then relink to produce a modified executable "
"containing the modified Library. (It is understood that the user who changes "
"the contents of definitions files in the Library will not necessarily be "
"able to recompile the application to use the modified definitions.)"
msgstr ""

" . <link linkend="sect1">1</link> <link "
"linkend="sect2">2</link> . "
" . "
" . "
" <quote> </quote> "
" . "
" . ( "
" . "
" . )"

#: ../C/lgpl.xml:489(para)
"Use a suitable shared library mechanism for linking with the Library. A
"suitable mechanism is one that (1) uses at run time a copy of the library
"already present on the user's computer system, rather than copying library
"functions into the executable, and (2) will operate properly with a modified
"version of the library, if the user installs one, as long as the modified
"version is interface-compatible with the version that the work was made with."

"Accompany the work with a written offer, valid for at least three years, to
"give the same user the materials specified in <link linkend="sect6a"/>
"Subsection 6a, above, for a charge no more than the cost of
"performing this distribution."

"If distribution of the work is made by offering access to copy from a
"designated place, offer equivalent access to copy the above specified
"materials from the same place."

"Verify that the user has already received a copy of these materials or that
"you have already sent this user a copy."

"You must give prominent notice with each copy of the work that the Library
"is used in it and that the Library and its use are covered by this License."
"You must supply a copy of this License. If the work during execution "
"displays copyright notices, you must include the copyright notice for the "
"Library among them, as well as a reference directing the user to the copy of "
"this License. Also, you must do one of these things: <placeholder-1/>
msgstr ""
" "
" "
". LGPL  ."
=" 
"
" LGPL 
"=
" . "
"<placeholder-1/>

#: ../C/lgpl.xml:524(para)
msgid ""
"For an executable, the required form of the <quote>work that uses the "
"Library</quote> must include any data and utility programs needed for "
"reproducing the executable from it. However, as a special exception, the "
"materials to be distributed need not include anything that is normally "
"distributed (in either source or binary form) with the major components "
"(compiler, kernel, and so on) of the operating system on which the "
"executable runs, unless that component itself accompanies the executable."
msgstr ""
" <quote> <quote> "
" = 
" "
" ( ) ( ) "
" = 
" . 

#: ../C/lgpl.xml:535(para)
msgid ""
"It may happen that this requirement contradicts the license restrictions of "
"other proprietary libraries that do not normally accompany the operating "
"system. Such a contradiction means you cannot use both them and the Library "
"together in an executable that you distribute."
msgstr ""
" = 
" = 
" . 

#: ../C/gpl.xml:546(title)
msgid "Section 7"
msgstr "7"

#: ../C/gpl.xml:548(para)
msgid ""
"You may place library facilities that are a work based on the Library side-"
"by-side in a single library together with other library facilities not "
"covered by this License, and distribute such a combined library, provided "
"that the separate distribution of the work based on the Library and of the "
"other library facilities is otherwise permitted, and provided that you do "
"these two things:

msgid ""
""
""
""
""
""

#: ../C/lgpl.xml:559(para)
msgid ""
"Accompany the combined library with a copy of the same work based on the "
"Library, uncombined with any other library facilities. This must be "
"distributed under the terms of the Sections above."

msgid ""
""
""
""
""

#: ../C/lgpl.xml:567(para)
msgid ""
"Give prominent notice with the combined library of the fact that part of it "
"is a work based on the Library, and explaining where to find the "
"accompanying uncombined form of the same work."

msgid ""
""
""
""

#: ../C/lgpl.xml:577(title)
msgid "Section 8"
msgstr "8"

#: ../C/gpl-3.0.txt:1534(paragraph)
msgid "You may not copy, modify, sublicense, link with, or distribute the Library "
"except as expressly provided under this License. Any attempt otherwise to "
"copy, modify, sublicense, link with, or distribute the Library is void, and "
"will automatically terminate your rights under this License. However, "
"parties who have received copies, or rights, from you under this License "
"will not have their licenses terminated so long as such parties remain in "
"full compliance."

msgid ""
You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.
If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the "Library."

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."

msgid ""
msgstr ""

#: ../C/lgpl.xml:656(para)
msgid ""
msgstr ""

"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."

msgid "" 
msgstr ""

#: ../C/lgpl.xml:663(title)
msgid "Section 12"
msgstr "12"

#: ../C/lgpl.xml:665(para)
msgid ""
msgstr ""

"If the distribution and/or use of the Library is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Library under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded. "
"In such case, this License incorporates the limitation as if written in the "
"body of this License."

msgid "" 
msgstr ""

#: ../C/lgpl.xml:677(title)
msgid "Section 13"
msgstr "13"

#: ../C/lgpl.xml:679(para)
msgid ""
msgstr ""

"The Free Software Foundation may publish revised and/or new versions of the "
"Lesser General Public License from time to time. Such new versions will be "

"similar in spirit to the present version, but may differ in detail to "
"address new problems or concerns."

msgid ""
msgstr ""
"
"      "
"      ."

#: ../C/lgpl.xml:686(para)
msgid ""
msgstr ""
"Each version is given a distinguishing version number. If the Library "
"specifies a version number of this License which applies to it and "
"<quote>any later version</quote>, you have the option of following the terms "
"and conditions either of that version or of any later version published by "
"the Free Software Foundation. If the Library does not specify a license "
"version number, you may choose any version ever published by the Free "
"Software Foundation."

msgid ""
msgstr ""
"
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "

#: ../C/lgpl.xml:698(title)
msgid "Section 14"
msgstr "14"

#: ../C/lgpl.xml:700(para)
msgid ""
msgstr ""
"If you wish to incorporate parts of the Library into other free programs "
"whose distribution conditions are incompatible with these, write to the "
"author to ask for permission. For software which is copyrighted by the Free "
"Software Foundation, write to the Free Software Foundation; we sometimes "
"make exceptions for this. Our decision will be guided by the two goals of "
"preserving the free status of all derivatives of our free software and of "
"promoting the sharing and reuse of software generally."

msgid ""
msgstr ""
"
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "
"    .    "

#: ../C/lgpl.xml:713(title)
msgid "NO WARRANTY"
msgstr ""
"BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "
"LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE "
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "
"LIBRARY <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED "
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF "
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"THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY "
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."

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"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
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Open Source Used In Data Center Network Manager 11 11.5(4) 7107
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Open Source Used In Data Center Network Manager 11 11.5(4) 7109

<title></title>


<para>    .         <link linkend="fdl-document">  </link>   <quote>    </quote>   (   ) ,              (   ) .</para>

</sect1>

<sect1 id="fdl-using" label="none">
<title></title>

<para>                       .</para>

<blockquote><para>Copyright    .</para>
       <para>GNU     1.1                 .   <link linkend="fdl-invariant">  </link> <quote>xxx</quote> <link linkend="fdl-cover-texts">  </link> <quote>xxx</quote>, <link linkend="fdl-cover-texts">  </link> <quote>xxx</quote>. <quote>GNU    </quote>   .</para>
</blockquote>

<para>,  <link linkend="fdl-invariant">  </link>        <quote>   </quote> .          <quote>   </quote> <quote>   </quote>  .</para>

<para>, <ulink type="http" url="http://korea.gnu.org/people/chsong/copyleft/gpl.ko.html">GNU    </ulink> .</para>

</sect1>

</article>

# translation of desktop-lgpl.HEAD.po to Arabic
# Khaled Hosny <khaledhosny@eglug.org>, 2007.
msgid ""
msgstr ""
"Project-Id-Version: desktop-lgpl.HEAD
"POT-Creation-Date: 2007-03-16 03:20+0000
"PO-Revision-Date: 2007-03-16 12:00+0200
"Last-Translator: Khaled Hosny <khaledhosny@eglug.org>
"Language-Team: Arabic <doc@arabeyes.org>
"MIME-Version: 1.0
"Content-Type: text/plain; charset=UTF-8
"Content-Transfer-Encoding: 8bit
"X-Generator: KBabel 1.11.4
"Plural-Forms: nplurals=4; plural=n==1 ? 0 : n==2 ? 1 : n>=3 && n<=10 ? 2 : 3

#: C/gpl.xml:17(title)
msgid "GNU General Public License"
msgstr ""

#: C/gpl.xml:19(year)
msgid "2000"
msgstr "2000"
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users.
sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too."

#: C/gpl.xml:81(para)
msgid "When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things."

#: C/gpl.xml:90(para)
msgid "To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it."

#: C/gpl.xml:97(para)
msgid "For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights."

#: C/gpl.xml:109(para)
msgid "copyright the software, and"

#: C/gpl.xml:114(para)
msgid "offer you this license which gives you legal permission to copy, distribute and/or modify the software."

#: C/gpl.xml:104(para)
msgid "We protect your rights with two steps: <placeholder-1/>"

#: C/gpl.xml:122(para)
msgid "Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations."

#: C/gpl.xml:131(para)
msgid "Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all."
The precise terms and conditions for copying, distribution and modification follow.

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Section 0

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If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the
In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following: 

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
msgid "If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code."
msgstr ""

#: C/gpl.xml:316(title)
msgid "Section 4"
msgstr ""

#: C/gpl.xml:318(para)
msgid "You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance."
msgstr ""

#: C/gpl.xml:328(title)
msgid "Section 5"
msgstr ""

#: C/gpl.xml:330(para)
msgid "You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it."
msgstr ""

#: C/gpl.xml:341(title)
msgid "Section 6"
msgstr ""

#: C/gpl.xml:343(para)
msgid "Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License."
msgstr ""

#: C/gpl.xml:353(title)
msgid "Section 7"
msgstr ""

#: C/gpl.xml:355(para)
msgid "If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations,
then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.”

msgid "If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.”

msgid "It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.”

msgid "This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.”

msgid "If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.”

msgid "The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.”

msgid "Each version is given a distinguishing version number. If the Program specifies a version number of this
License which applies to it and <quote>any later version</quote>, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation."

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"Section 11"

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FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES."

msgstr ""

#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
#: C/gpl.xml:0(None)
msgid "translator-credits"
msgstr ""
# Galician translation for gnome-desktop.
# Copyright (C) 2013 gnome-desktop's COPYRIGHT HOLDER
# This file is distributed under the same license as the gnome-desktop package.
# Fran Dieguez <frandieguez@gnome.org>, 2013.
msgid ""
msgstr ""
"Project-Id-Version: gnome-desktop master\n"
"POT-Creation-Date: 2013-08-31 11:22+0000\n"
"PO-Revision-Date: 2013-09-02 23:03+0200\n"
"Last-Translator: Fran Dieguez <frandieguez@gnome.org>\n"
"Language-Team: gnome-l10n-gl@gnome.org\n"
"Language: gl\n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=UTF-8\n"
"Content-Transfer-Encoding: 8bit\n"
"Plural-Forms: nplurals=2; plural=(n != 1);\n"
"X-Generator: Virtaal 0.7.1\n"
"X-Project-Style: gnome\n"

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
msgctxt "_"
msgid "translator-credits"
msgstr "Fran Dieguez <frandieguez@gnome.org>, 2013;"

#. (itstool) path: articleinfo/title
#: C/index.docbook:17
msgid "GNU General Public License"
msgstr "Licenza Publica Xeral de GNU"

#. (itstool) path: articleinfo/copyright
#: C/index.docbook:18
msgid "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"
msgstr "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"

#. (itstool) path: articleinfo/author
#: C/index.docbook:23
msgid "<surname>Free Software Foundation</surname>"
msgstr "<surname>Free Software Foundation</surname>"

#. (itstool) path: publisher/publishername
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When we speak of free software, we are referring to freedom, not price. Our "General Public Licenses are designed to make sure that you have the freedom "to distribute copies of free software (and charge for this service if you "wish), that you receive source code or can get it if you want it, that you "can change the software or use pieces of it in new free programs; and that "you know you can do these things."
"Cando se fala de software libre flase de liberdade, non de prezo. As nosas "
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"servizo, se as o desexa), que recibe o cdigo fonte ou pode recibilo se as "
"o desexa, que ten a posibilidade de modificar o software ou empregar partes "
"del en novos programas libres e que, ademais, consciente de que pode "
"facer todo isto."

"To protect your rights, we need to make restrictions that forbid anyone to "
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"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it."

"Para protexer os seus dereitos, cmpre introducir certas restricns que "
"impidan que calquera outro lle poida negar estes dereitos ou pedirlle que "
"renuncie a eles. Estas restricns implican determinadas responsabilidades "
"para vostede, no caso de distribuir copias do software ou modificalo."

"For example, if you distribute copies of such a program, whether gratis or "
"for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights."

"Por exemplo, se distribue copias dun programa libre, sexa gratis ou non, "
"tenlle que ceder aos receptores todos os dereitos que ten vostede. Terase "
"que asegurar de que eses receptores tamm reciben ou poden recibir o cdigo "
"fonte e ter que mostrarlles os termos desta licenza para informalos dos "
"seus dereitos."

"offer you this license which gives you legal permission to copy, distribute "
"and/or modify the software."

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.
"A seguir detllanse os termos e condicins exactos para a copia, "
"distribucin e modificacin."

#. (itstool) path: sect1/title
#: C/index.docbook:147
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr "TERMOS E CONDICINS PARA A COPIA, DISTRIBUCIN E MODIFICACIN"

#. (itstool) path: sect2/title
#: C/index.docbook:150
msgid "Section 0"
msgstr "Seccin 0"

#. (itstool) path: sect2/para
#: C/index.docbook:151
msgid """This License applies to any program or other work which contains a notice "
"placed by the copyright holder saying it may be distributed under the terms "
"of this General Public License. The <quote>Program</quote>, below, refers to "
"any such program or work, and a <quote>work based on the Program</quote> "
"means either the Program or any derivative work under copyright law: that is "
"to say, a work containing the Program or a portion of it, either verbatim or "
"with modifications and/or translated into another language. (Hereinafter, "
"translation is included without limitation in the term <quote>modification</" 
"quote>.) Each licensee is addressed as <quote>you</quote>.

msgstr ""Esta licenza aplicable a calquera programa ou produto doutro tipo no que "
"figure un aviso inserido polo titular do copyright que especifique que se "
"pode distribuir baixo os termos desta licenza pblica xeral. De aqu en "
"adiante, o termo <quote>Programa</quote> referirse a calquera programa ou "
"produto deste tipo, mentres que o termo <quote>produto baseado no "
"Programa</quote> referirse tanto ao programa coma a calquera produto "
"derivado consonte a lei de propiedade intelectual, dicir, calquera produto "
"que contea o programa ou unha parte del, sexa textual ou con modificacins "
"e/ou traducida a outra lingua. (De aqu en adiante, a traducin inclese "
"sen limite ningn no termo <quote>modificacin</quote>.) As licenzas estn "
"redactadas na forma de cortesa <quote>vostede</quote>.

msgstr ""Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running the Program "
"is not restricted, and the output from the Program is covered only if its "
"contents constitute a work based on the Program (independent of having been "
"made by running the Program). Whether that is true depends on what the "
"Program does."
"Calquera actividade distinta da copia, distribución e modificación non est "
cuberta por esta licenza, sen que queda fora do seu mítico do aplicación. "
"Non se restrinxen a acción de executar o Programa, e os resultados tirados "
do Programa estan cubertos se o seu contido constite un produto baseado "
o Programa (sen importar se foi realizado mediante a execución do "
Programa). Que isto sexa certo ou non depender do que faga o Programa."

#. (itstool) path: sect2/title
#: C/index.docbook:173
msgid "Section 1"
msgstr "Sección 1"

#. (itstool) path: sect2/para
#: C/index.docbook:174
msgid ""
msgstr ""
"You may copy and distribute verbatim copies of the Program's source code as "
you receive it, in any medium, provided that you conspicuously and "
appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and give any other recipients of "
"the Program a copy of this License along with the Program."
msgstr ""
"Pode modificar a sa copia ou copias do Programa, ou calquera parte del, e "
"obter as un produto baseado no Programa, as como copiar e distribuir as "
"devanditas modificacións ou produto de acordo cos termos do apartado 1 "
"anterior, sempre que cumpra tamén com todas as condicións seguintes:"

#. (itstool) path: sect2/para
#: C/index.docbook:183
msgid ""
msgstr ""
"You may charge a fee for the physical act of transferring a copy, and you "
"may at your option offer warranty protection in exchange for a fee."
msgstr ""
"Pode cobrar unha taxa polo acto físico de transferir unha copia e, se "
"vostede quixer, pode tamén ofrecer unha determinada garantía a cambio do "
"pagamento dunha taxa."

#. (itstool) path: sect2/title
#: C/index.docbook:190
msgid "Section 2"
msgstr "Sección 2"

#. (itstool) path: listitem/para
#: C/index.docbook:199
msgid ""
msgstr ""
"You must cause the modified files to carry prominent notices stating that "
you changed the files and the date of any change."
msgstr ""
"Pode modificar a sa copia ou copias do Programa, ou calquera parte del, e "
"obter as un produto baseado no Programa, as como copiar e distribuir as "
"devanditas modificacins ou produto de acordo cos termos do apartado 1 "
"anterio, sempre que cumpra tamn con todas as condicins seguintes:"

You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of "
"this License."

Debe facer que calquera produto distribuido ou publicado por vostede, que en "
"todo ou en parte contea ou derive do Programa ou de calquera parte do "
"Programa, obte unha licenza no seu conxunto sen que isto repercuta en "
"ningn gasto para calquera terceira parte de acordo cos termos desta "
"licenza."

Exception:

If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."

Se o Programa en si mesmo interactivo pero non adoita mostrar avisos deste "
"tipo, non necesario que o seu produto baseado no Programa exhiba nin "
"avo."

If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. 

Se o programa modificado adoita ler comandos de forma interactiva ao "
"executalo, debe facer que, cando se execute para tal uso interactivo na"
"forma mis habitual, mostre ou exhiba un aviso no que se inclan as 
"oportunas informacins relativas propiedade intelectual do programa e 
"ausencia de toda garanta (ou, se for o caso, ao feito de que vostede quen 
"proporciona a garanta), a indicacin de que os usuarios poden redistribur 
"o programa consonte estas condicins e a informacin necesaria para que o 
"usuario saiba como acceder a unha copia desta licenza. <_:note-1/>"

#. (itstool) path: sect2/para
#: C/index.docbook:191
msgid ""
msgstr ""
"You may modify your copy or copies of the Program or any portion of it, thus 
"forming a work based on the Program, and copy and distribute such 
"modifications or work under the terms of <link linkend="sect1">Section 1</link> above, provided that you also meet all of these conditions: <_:orderedlist-1/>"

#. (itstool) path: sect2/para
#: C/index.docbook:236
msgid ""
msgstr ""
"These requirements apply to the modified work as a whole. If identifiable 
"sections of that work are not derived from the Program, and can be 
"reasonably considered independent and separate works in themselves, then 
"this License, and its terms, do not apply to those sections when you 
"distribute them as separate works. But when you distribute the same sections 
"as part of a whole which is a work based on the Program, the distribution of 
"the whole must be on the terms of this License, whose permissions for other 
"licensees extend to the entire whole, and thus to each and every part 
"regardless of who wrote it."

#. (itstool) path: sect2/para
"Estos requisitos aplcanse ao producto modificado no seu conxunto. Se o 
"producto contm seccins facilmente identificables non derivadas do Programa, 
"que razonablemente se poidan considerar como produtos separados e 
"independentes por si mesmos, esta licenza e mais os seus termos non sern 
"aplicables s devanditas seccins cuando se distribuan como produtos 
"separados. Pero se esas mesmas seccins se distribuen como parte dun todo. 
"consistentes nun produto baseado no Programa, a distribucin do todo deber 
"de accoller aos termos desta licenza, cuxas disposicins, aplicables a 
"todos os demais titulares da licenza, abranguen o conxunto completo e, en 
"consecuencia, todas e cada unha das partes do conxunto independente de 
"quen as escribise."
Thus, it is not the intent of this section to claim rights or contest your "rights to work written entirely by you; rather, the intent is to exercise "the right to control the distribution of derivative or collective works "based on the Program."

As, o obxectivo deste apartado non reclamar dereitos ou rebater os seus "dereitos sobre calquera produto escrito por vostede na sa totalidade; mis "ben ao contrario, o seu obxectivo exercer o dereito de controlar a "distribucin de produtos derivados ou colectivos baseados no Programa."

In addition, mere aggregation of another work not based on the Program with "the Program (or with a work based on the Program) on a volume of a storage "or distribution medium does not bring the other work under the scope of this "License."

Ademais, a simple agregacin ao Programa (ou a un produto baseado no "Programa) doutro produto non baseado no Programa nun volume dun medio de "distribucin ou almacenamento non implica a inclusin do outro produto no "mbito de aplicacin desta licenza."

Accompany it with the complete corresponding machine-readable source code, "which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a "medium customarily used for software interchange; or,"

"Acompaalo do correspondente cdigo fonte completo nun formato lexible por ""maquina, que se ha de distribuir de acordo co estipulado nos apartados 1 e 2 ""anteriores nun soporte tipicamente utilizado para o intercambio de ""software."

"Accompany it with a written offer, valid for at least three years, to give ""any third party, for a charge no more than your cost of physically "
"performing source distribution, a complete machine-readable copy of the "
corresponding source code, to be distributed under the terms of Sections 1 "
and 2 above on a medium customarily used for software interchange; or,"
msgstr ""
"Acompaalo dunha oferta por escrito, cunha validez mínima de tres anos, na "
que se entregue a calquera terceiro interesado, por un custo nunca superior "
"aos gastos nos que vostede poida incorrer pola execución física da "
distribución do código fonte, unha copia completa en formato lexible por "
"maquina do código fonte correspondente, que se ha de distribuir de acordo co "
estipulado nos apartados 1 e 2 anteriores nun soporte tipicamente utilizado "
"para o intercambio de software."

#. (itstool) path: listitem/para
#: C/index.docbook:287
msgid ""
"Accompany it with the information you received as to the offer to distribute "
corresponding source code. (This alternative is allowed only for "
noncommercial distribution and only if you received the program in object "
"code or executable form with such an offer, in accord with Subsection b "
"above.)"
msgstr ""
"Acompaalo da informacion que recibiu vostede verbo da oferta de distribuir "
"o código fonte correspondente. (Esta opción s est permitida para a "
"distribución non-comercial, e únicamente no caso de que vostede recibise o "
"programa en código obxecto ou forma executable cunha oferta como a que se "
"acaba de explicar, de acordo co subapartado b anterior.)"

#. (itstool) path: sect2/para
#: C/index.docbook:263
msgid ""
"You may copy and distribute the Program (or a work based on it, under <link "
"linkend="sect2">Section 2</link>) in object code or executable form under "
"the terms of <link linkend="sect1">Sections 1</link> and <link linkend="" 
"sect2">2</link> above provided that you also do one of the following: <_:" 
"orderedlist-1/>
msgstr ""
"Pode copiar e distribuir o Programa (ou un producto baseado nel, segundo os "
"termos do <link linkend="sect2">apartado 2</link>) en código obxecto ou "
"forma executable de acordo co establecido nos <link "
"linkend="sect1">apartados 1</link> e <link linkend="sect2">2</link> "
"anteriores, sempre que cumpra tamén con un dos seguintes requisitos: "
"<_:orderedlist-1/>

#. (itstool) path: sect2/para
#: C/index.docbook:297
msgid ""
"The source code for a work means the preferred form of the work for making "
"modifications to it. For an executable work, complete source code means all "
"the source code for all modules it contains, plus any associated interface "
"definition files, plus the scripts used to control compilation and "
"installation of the executable. However, as a special exception, the source "
"code distributed need not include anything that is normally distributed (in "
"either source or binary form) with the major components (compiler, kernel, "
"and so on) of the operating system on which the executable runs, unless that "
"component itself accompanies the executable."

msgstr ""

"Entendese por cdigo fonte dun traballo o seu formato idneo hora de "
"realizar modificacins nel. No caso dun traballo executable, entndese por "
"cdigo fonte completo todo o cdigo fonte para todos os mdulos que incle, "
"ademais de todos os ficheiros de definicin de interfaces asociados e os "
"scripts utilizados para controlar a compilacin e a instalacin do "
"executable. Porn, como caso excepcional, o cdigo fonte distribuido non "
"precisa inclur nada que se distriba normalmente (xa sena de forma binaria "
"ou fonte) cos compoentes principais (compilador, ncleo etc.) do sistema "
"operativo en que se executa o executable, ags que ese propio compoente "
"acompae o executable."

#. (itstool) path: sect2/para
#: C/index.docbook:307
msgid ""
msgstr ""

"If distribution of executable or object code is made by offering access to "
"copy from a designated place, then offering equivalent access to copy the "
"source code from the same place counts as distribution of the source code, "
"even though third parties are not compelled to copy the source along with "
"the object code."
msgstr ""

"Se a distribucin do cdigo obxecto ou executable se realiza concedendo "
"acceso de copia desde un lugar determinado, entn a concesin de acceso "
"equivalente para copiar o cdigo fonte do mesmo lugar considrase como "
"distribucin do cdigo fonte, anda que ningn terceiro estea obrigado a "
"copiar o cdigo fonte xunto co obxecto."

#. (itstool) path: sect2/para
#: C/index.docbook:316
msgid "Section 4"
msgstr "Seccin 4"

#. (itstool) path: sect2/para
#: C/index.docbook:318
msgid ""
msgstr ""

"You may not copy, modify, sublicense, or distribute the Program except as "
"expressly provided under this License. Any attempt otherwise to copy, "
"modify, sublicense or distribute the Program is void, and will automatically "
"terminate your rights under this License. However, parties who have received "
"copies, or rights, from you under this License will not have their licenses "
"terminated so long as such parties remain in full compliance."
You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

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If any later version of this License is published, you may distribute copies of the Program according to the latest version of the License unaltered and in accordance with its terms.

Non lle est permitido copiar, modificar, emitir unha sublicenza nin distribuir o Programa ags nos termos especificamente estipulados nesta licenza. Calquera outro intento de copiar, modificar, emitir unha sublicenza ou distribuir o Programa ser considerado nulo, e implicar a cancelacin automtica dos dereitos que lle concede esta licenza. No entanto, as partes s que vostede concedera copias ou dereitos consonte os termos desta licenza non vern resoltas as sas respectivas licenzas, sempre que cumpran plenamente con todo o que nelas se estipula.
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties to this License."

msgstr ""

"Cada vez que redistribua o Programa (ou calquera produto baseado no "
"Programa), o receptor recibir automaticamente unha licenza por parte do "
"emisor da licenza orixinal que lle permitir copiar, distribuir ou modificar "
"o Programa consonte estes termos e condicins. Vostede non poder impor "
"ningunha outra restricin sobre o exercicio dos dereitos nela estipulados "
"por parte do receptor. Vostede non responsable hora de esixirlle a un "
"terceiro o cumprimento dos termos estipulados nesta licenza."

#. (itstool) path: sect2/title
#: C/index.docbook:353
msgid "Section 7"
msgstr "Seccin 7"

#. (itstool) path: sect2/para
#: C/index.docbook:355
msgid "If, as a consequence of a court judgment or allegation of patent "
"infringement or for any other reason (not limited to patent issues), "
"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
"excuse you from the conditions of this License. If you cannot distribute so "
"as to satisfy simultaneously your obligations under this License and any "
"other pertinent obligations, then as a consequence you may not distribute "
"the Program at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Program by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Program."

msgstr ""

"Se, como consecuencia dun proceso xudicial ou dunha acusacin por violacin "
"de patentes, ou por calquera outra causa (sen restrinixirse aos temas de "
"patentes), resultase a imposicin de calquera condicin sobre vostede (xa "
"sexa por orde xudicial, por acordo ou por calquera outra causa) que "
"contradiga as condicins desta licenza, iso non o escusa do cumprimento das "
"condicins desta licenza. De non lle ser posible distribuir o Programa "
"respectando as obrigas contradas baixo esta licenza e, asemade, calquera "
"outra obriga pertinente, entn ter que deixar de distribulo en ningn "
"modo. Por exemplo, no caso de existir unha licenza de patente que non "
"permitise a redistribucin do Programa exenta de dereitos de autor por parte "
"de todos aqueles que recibisen copias de maneira directa ou indirecta de "
"vostede, o nico xeito de cumprir cos termos da devandita licenza de patente "
"e mais desta licenza ao mesmo tempo sera evitando por completo a "
"distribucin do Programa."

#. (itstool) path: sect2/para
"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply and "
"the section as a whole is intended to apply in other circumstances."

"No caso de que calquera seccin deste apartado se considerase non vlida ou "
"non executable baixo calquera circunstancia concreta ser de aplicacin o "
"resto do apartado e, en calquera outras circunstancias, aplicarase o "
"apartado no seu conxunto."

"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system, which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."

"O obxectivo deste apartado non  inducilo a infrinxir ninguunha "
"reivindicacin de patente nin de calquera outro dereito de propiedade "
"intellectual, as como tampouco impugnar a validez deste tipo de "
"reivindicacins. O nico que pretende este apartado  protexer a integridade "
"do sistema de distribucin do software libre, levado  prctica mediante o "
"desenvolvemento de licenzas pblicas. Moitas persoas contriburun "
"xenerosamente ao desenvolvemento do amplo abano de software distribudo a "
"travs deste sistema, coa confianza de que se aplicar consistentemente. S "
"o autor/doador pode decidir se est disposto a distribuir o seu software "
"mediante calquera outro sistema; o titular dunha licenza non pode impor este "
"tipo de eleccin."

"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."

"Este apartado pretende deixar ben claro o que considera que  consecuencia "
"do resto desta licenza."
If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

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Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and any later version, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

A Free Software Foundation poder publicar versins revisadas e/ou novas desta licenza xeral no momento en que o estime oportuno. As novas versins mantern o mesmo esprito ca a actual, se ben poden diferir nalgns detalles do contido co obxectivo de facer fronte a novos problemas ou preocupacins.

"If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

"The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

"Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and any later version, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation.

"No caso de que nalguns pases se restrinxa a distribucin e/ou o uso do Programa pola execucin dalgunha patente ou interface protexida por copyright, o titular orixinal do copyright que somete o Programa aos termos desta licenza poder engadir unha limitacin explcita distribucin xeografica que excla aqueles pases, de xeito que s se permita a distribucin nos ou entre os pases non suxeitos devandita exclusin. Se este for o caso, a licenza incorporara a limitacin citada nos mesmos termos que se fose redactada como parte do corpo desta licenza.

A Free Software Foundation poder publicar versins revisadas e/ou novas desta licenza xeral no momento en que o estime oportuno. As novas versins mantern o mesmo esprito ca a actual, se ben poden diferir nalgns detalles do contido co obxectivo de facer fronte a novos problemas ou preocupacins."
"the Free Software Foundation. If the Program does not specify a version 
"number of this License, you may choose any version ever published by the 
"Free Software Foundation."
msgid ""
"Cada versin leva un nmero identificativo diferente. Se o Programa 
"especifica que lle aplicable unha versin especifica desta licenza e 
"calquera versin posterior", vostede poder escoller entre cinguirse aos 
"termos e condicins ben da primeira versin ou ben de calquera versin 
"posterior publicada pola Free Software Foundation. Se o Programa non 
"especifica ningn nmero de versin desta licenza, vostede ter a opcin de 
"escoller calquera versin de entre todas as publicadas pola Free Software 
"Foundation."

#. (itstool) path: sect2/title
#: C/index.docbook:420
msgid "Section 10"
msgstr "Seccin 10"

#. (itstool) path: sect2/para
#: C/index.docbook:422
msgid ""
"If you wish to incorporate parts of the Program into other free programs 
"whose distribution conditions are different, write to the author to ask for 
"permission. For software which is copyrighted by the Free Software 
"Foundation, write to the Free Software Foundation; we sometimes make 
"exceptions for this. Our decision will be guided by the two goals of 
"preserving the free status of all derivatives of our free software and of 
"promoting the sharing and reuse of software generally."
msgstr ""
"Se desexa incluir partes do Programa noutros programas libres cunhas 
"condicins de distribucin distintas, deber de se dirixir ao autor por 
"escrito para lle pedir a sa autorizacin. No caso do software co copyright 
"da Free Software Foundation, dirxase por escrito Free Software 
"Foundation, que en ocasins fai excepcins nestes casos. A decisin que 
"tomemos basearase nos nosos dous obxectivos de preservar o estatus libre de 
"calquera produto derivado do nosso software libre e de promover o 
"compartimento e a reutilizacin do software en xeral."

#. (itstool) path: sect2/title
#: C/index.docbook:432
msgid "NO WARRANTY"
msgstr "AUSENCIA DE GARANTA"

#. (itstool) path: sect2/subtitle
#: C/index.docbook:433
msgid "Section 11"
msgstr "Seccin 11"
BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE "STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "PROGRAM <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER IMPLIED "OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF "MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM "PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "CORRECTION."

DADO QUE SE TRATA DUN PROGRAMA ACOMPAADO DUNHA LICENZA GRATUTA, DENTRO DOS "LMITES PERMITIDOS POLA LEXISLACIÓN APLICABLE CONSIDRASE UN PROGRAMA "EXENTO DE TODA GARANTA. AGS QUE SE ESPECIFIQUE O CONTRARIO POR ESCRITO, "OS TITULARES DO COPYRIGHT E/OU OUTRAS PARTES CEDEN O PROGRAMA \"TAL CAL\" SEN "NINGN TIPO DE GARANTA, NIN EXPLICITA NIN IMPLICITA, INCLUDAS, ANDA QUE "SEN EXCLUSIVIDADE, AS GARANTAS IMPLICITAS DE COMERCIABILIDADE E IDONEIDADE "PARA UN DETERMINADO FIN. A TOTALIDADE DOS RISCOS ASSOCIADOS CALIDADE E AO "RENDAMENTO DO PROGRAMA RECAE SOBRE VOSTEDE. SE O PROGRAMA RESULTASE "DEFECTUOSO, VOSTEDE TER QUE ASUMIR OS CUSTOS DE CALQUERA REPARACIN, "ARRANXO OU EMENDA."

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), "EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "SUCH DAMAGES."

EN NINGN CASO, AGS QUE AS O ESIXA A LEXISLACIÓN APLICABLE OU QUE EXISTA "UN ACORDO POR ESCRITO ENTRE AS PARTES, SE LLE ESIXIR RESPONSABILIDADE AO "TITULAR DO COPYRIGHT, OU A CALQUERA OUTRA PARTE AUTORIZADA PARA MODIFICAR "E/OU REDISTRIBUIR O PROGRAMA CONSONTE OS TERMOS DESCritos ANTERIORMENTE, "POLOS DANOS E PERDAS OCASIONADOS, INCLUDIDOS OS DANOS XERAIS, ESPECIAIS, "INCIDENTAIS OU DE IMPORTANCIA DE CALQUERA TIPO QUE PODAN DERIVAR DO USO OU "
"DA INCAPACIDADE DE USO DO PROGRAMA (O QUE INCLE, ANDA QUE SEN RESTRICIN," 
"BEN A PERDA DE DATOS, OU BEN A INTERPRETACIN IMPRECISA DE DATOS, OU BEN AS " 
"PERDAS OCASIONADAS A VOSTEDE OU A UN TERCEIRO, OU BEN A IMPOSIIBILIDADE DE " 
"EXECUTAR O PROGRAMA CON CALQUERA OUTRO PROGRAMA), MESMO SE O DEVANDITO " 
"TITULAR OU A OUTRA PARTE FOSEN ADVERTIDOS DA POSIBILIDADE DE QUE SE " 
"PRODUCISEN OS DANOS DESCRITOS ANTERIORMENTE."

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# Funda Wang <fundawang@linux.net.cn>, 2006.

msgid ""
msgstr ""

"Project-Id-Version: desktop-gpl doc\n"
"POT-Creation-Date: 2010-07-27 09:27+0000\n"
"PO-Revision-Date: 2010-07-29 10:41+0800\n"
"Last-Translator: Yinghua Wang <wantinghard@gmail.com>\n"
"Language-Team: Chinese (simplified) <i18n-zh@googlegroups.com>\n"
"MIME-Version: 1.0\n"
"Content-Type: text/plain; charset=UTF-8\n"
"Content-Transfer-Encoding: 8bit\n"

#: C/gpl.xml:17(title)
msgid "GNU General Public License"
msgstr "GNU "

#: C/gpl.xml:19(year)
msgid "2000"
msgstr "2000"

#: C/gpl.xml:20(holder)
msgid "Free Software Foundation, Inc."
msgstr "Free Software Foundation, Inc."

#: C/gpl.xml:24(surname)
msgid "Free Software Foundation"
msgstr ""

#: C/gpl.xml:28(publishername)
msgid "GNOME Documentation Project"
msgstr "GNOME "

#: C/gpl.xml:33(revnumber)
msgid "2"
msgstr "2"

#: C/gpl.xml:34(date)
msgid "1991-06"
msgstr "1991-06"
The licenses for most software are designed to take away your freedom to
"share and change it. By contrast, the GNU General Public License is intended
"to guarantee your freedom to share and change free software - to make sure
"the software is free for all its users."

GNU
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

copyright the software, and offer you this license which gives you legal permission to copy, distribute and/or modify the software.
We protect your rights with two steps: PlaceHolder-1.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.
"This License applies to any program or other work which contains a notice "
"placed by the copyright holder saying it may be distributed under the terms "
"of this General Public License. The <quote>Program</quote>, below, refers to "
"any such program or work, and a <quote>work based on the Program</quote> "
"means either the Program or any derivative work under copyright law: that is "
"to say, a work containing the Program or a portion of it, either verbatim or "
"with modifications and/or translated into another language. (Hereinafter, "
"translation is included without limitation in the term <quote>modification</" 
"quote>.) Each licensee is addressed as <quote>you</quote>."

msgid ""
msgid "GPL<quote></quote>
<quote></quote>(licensee)<quote></quote>"

#: C/gpl.xml:163(para)
msgid ""
msgid "Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running the Program "
"is not restricted, and the output from the Program is covered only if its "
"contents constitute a work based on the Program (independent of having been "
"made by running the Program). Whether that is true depends on what the "
"Program does."

msgid ""
msgid "()

#: C/gpl.xml:173(title)
msgid "Section 1"
msgid " 1 "

#: C/gpl.xml:174(para)
msgid ""
msgid "You may copy and distribute verbatim copies of the Program's source code as "
"you receive it, in any medium, provided that you conspicuously and "
"appropriately publish on each copy an appropriate copyright notice and "
"disclaimer of warranty; keep intact all the notices that refer to this "
"License and to the absence of any warranty; and give any other recipients of "
"the Program a copy of this License along with the Program."

msgid ""
"You may charge a fee for the physical act of transferring a copy, and you "
"may at your option offer warranty protection in exchange for a fee."

"You must cause the modified files to carry prominent notices stating that "
"you changed the files and the date of any change."

"You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of "
"this License."

"If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."

"If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
under these conditions, and telling the user how to view a copy of this "
"License. <placeholder-1/>"
msgid ""
msgstr ""
"
"
")
"
"<placeholder-1/>"

#: C/gpl.xml:191(para)
msgid ""
msgid ""
"You may modify your copy or copies of the Program or any portion of it, thus "
"forming a work based on the Program, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</" 
"link> above, provided that you also meet all of these conditions: "
"<placeholder-1/>"
msgid ""
msgstr ""
"
"
"<link linkend="sect1">1</link>"
"<placeholder-1/>"

#: C/gpl.xml:236(para)
msgid ""
msgid ""
"These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Program, and can be "
"reasonably considered independent and separate works in themselves, then "
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Program, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it." 
msgid ""
msgstr ""
"
"
"
"
"
"
"
"
"
"
"
"

#: C/gpl.xml:247(para)
msgid ""
msgid ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Program." 
msgid ""
msgstr ""
"
"
In addition, mere aggregation of another work not based on the Program with "
the Program (or with a work based on the Program) on a volume of a storage "
or distribution medium does not bring the other work under the scope of this "
"License."

Accompany it with the complete corresponding machine-readable source code, "
which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a medium "
customarily used for software interchange; or,"

Accompany it with a written offer, valid for at least three years, to give "
any third party, for a charge no more than your cost of physically "
performing source distribution, a complete machine-readable copy of the "
corresponding source code, to be distributed under the terms of Sections 1 "
and 2 above on a medium customarily used for software interchange; or,"

Accompany it with the information you received as to the offer to distribute "
corresponding source code. (This alternative is allowed only for "
noncommercial distribution and only if you received the program in object "
"code or executable form with such an offer, in accord with Subsection b "
"above.)"
You may copy and distribute the Program (or a work based on it, under <link linkend="sect2">Section 2</link>) in object code or executable form under "the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following:

- (<placeholder-1/>)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all "the source code for all modules it contains, plus any associated interface "definition files, plus the scripts used to control compilation and "installation of the executable. However, as a special exception, the source "code distributed need not include anything that is normally distributed (in "either source or binary form) with the major components (compiler, kernel, "and so on) of the operating system on which the executable runs, unless that "component itself accompanies the executable."

If distribution of executable or object code is made by offering access to "copy from a designated place, then offering equivalent access to copy the "source code from the same place counts as distribution of the source code," even though third parties are not compelled to copy the source along with "the object code."
You may not copy, modify, sublicense, or distribute the Program except as "
expressly provided under this License. Any attempt otherwise to copy, "
"modify, sublicense or distribute the Program is void, and will automatically "
"terminate your rights under this License. However, parties who have received "
"copies, or rights, from you under this License will not have their licenses "
"terminated so long as such parties remain in full compliance."

You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Program or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Program (or any work based on the Program), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Program or works based on it."

Each time you redistribute the Program (or any work based on the Program), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute or modify the Program subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients’ "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties to this License."
Section 7

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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.
This section is intended to make thoroughly clear what is believed to be a "consequence of the rest of this License."

If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. "In such case, this License incorporates the limitation as if written in the "body of this License."

The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns."
"specifies a version number of this License which applies to it and "
"<quote>any later version</quote>, you have the option of following the terms "
"and conditions either of that version or of any later version published by "
"the Free Software Foundation. If the Program does not specify a version "
"number of this License, you may choose any version ever published by the "
"Free Software Foundation."
msgid """
"<quote>"""
"</quote>"
msgstr ""

#: C/gpl.xml:420(title)
msgid "Section 10"
msgstr " 10 "

#: C/gpl.xml:422(para)
msgid ""
msgid "If you wish to incorporate parts of the Program into other free programs "
"whose distribution conditions are different, write to the author to ask for "
"permission. For software which is copyrighted by the Free Software "
"Foundation, write to the Free Software Foundation; we sometimes make "
"exceptions for this. Our decision will be guided by the two goals of "
"preserving the free status of all derivatives of our free software and of "
"promoting the sharing and reuse of software generally.""
msgstr ""
msgstr ""

#: C/gpl.xml:432(title)
msgid "NO WARRANTY"
msgstr ""

#: C/gpl.xml:433(subtitle)
msgid "Section 11"
msgstr " 11 "

#: C/gpl.xml:435(para)
msgid ""
"BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "
"PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE "
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "
"PROGRAM <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED "
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF "
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "
"THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM "
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."
msgstr ""

"</quote></quote>"
msgstr ""
msgstr ""

#: C/gpl.xml:446(title)
msgid "Section 12"
msgstr "12"

#: C/gpl.xml:448(para)
msgid ""

"IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "
"THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS). "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
"SUCH DAMAGES."
msgstr ""

"("
")"

""

#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2
#: C/gpl.xml:0(None)
msgid "translator-credits"
msgstr "Funda Wang <fundawang@linux.net.cn>, 2006."
#
"<miroslavnikolic@rocketmail.com>, 2012.
msgid ""
msgstr ""

"Project-Id-Version: desktop-gpl"
"POT-Creation-Date: 2012-08-18 21:44+0000"
"PO-Revision-Date: 2012-09-11 21:11+0200"
"Last-Translator: <miroslavnikolic@rocketmail.com>
"Language-Team: Serbian <gnom@prevod.org>
"Language: sr"
"MIME-Version: 1.0"
"Content-Type: text/plain; charset=UTF-8"
"Content-Transfer-Encoding: 8bit"
"Plural-Forms: nplurals=4; plural=n==1? 3 : n%10==1 && n%100!=-11 ? 0 : "
"
"n%10>=2 && n%10<=4 && (n%100<10 || n%100>=20) ? 1 : 2;\n"

#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
msgid "translator-credits"
msgctxt "_
"
msgid "translator-credits"
msgstr ""
" <miroslavnikolic@rocketmail.com>\n"
"\n"
"http://prevod.org  "

#: C/index.docbook:17(articleinfo/title)
msgid "GNU General Public License"
msgstr ""

#: C/index.docbook:18(articleinfo/copyright)
msgid "Free Software Foundation, Inc." 
msgid "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"
msgstr "<year>2000</year> <holder>Free Software Foundation, Inc.</holder>"

#: C/index.docbook:23(articleinfo/author)
msgid "Free Software Foundation"
msgstr "<surname>Free Software Foundation</surname>"

#: C/index.docbook:28(publisher/publishername)
msgid "GNOME Documentation Project"
msgstr ""

#: C/index.docbook:32(revhistory/revision)
msgid "<revnumber>2</revnumber> <date>1991-06</date>" 
msgstr "<revnumber>2</revnumber> <date>1991-06</date>"

#: C/index.docbook:40(para/address)
#, no-wrap
msgid "Free Software Foundation, Inc. <street>51 Franklin Street, Fifth Floor</street>, <city>Boston</city>, <state>MA</state> <postcode>02110-1301</postcode> <country>USA</country> <address>.
"
msgstr ""
"Free Software Foundation, Inc. \n"
"\t <street>51 Franklin Street, Fifth Floor</street>, \n"
"\t <city>Boston</city>, \n"
"\t <state>MA</state> <postcode>02110-1301</postcode>\n"
"\t <country>USA</country>\n"
"\t"
msgstr ""
"Free Software Foundation, Inc. \n"
"\t <street>51 Franklin Street, Fifth Floor</street>, \n"
"\n" "\n" "\n" "\n" "\n" "\n"

#: C/index.docbook:39(legalnotice/para)
msgid "\n"
msgstr "\n"

#: C/index.docbook:48(legalnotice/para)
msgid ""
msgstr ""

"Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed."
msgstr ""

#: C/index.docbook:54(articleinfo/releaseinfo)
msgid "Version 2, June 1991"
msgstr "2, 1991"

#: C/index.docbook:58(abstract/para)
msgid ""
msgstr ""

"The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users."
msgstr ""

#: C/index.docbook:67(sect1/title)
msgid "Preamble"
msgstr ""

#: C/index.docbook:69(sect1/para)
msgid ""
msgstr ""

"The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software - to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation "software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too."
msgstr ""
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you "can change the software or use pieces of it in new free programs; and that you know you can do these things."

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.
We protect your rights with two steps: 

Also, for each author's protection and ours, we want to make certain that 
"everyone understands that there is no warranty for this free software. If " 
"the software is modified by someone else and passed on, we want its " 
"recipients to know that what they have is not the original, so that any " 
"problems introduced by others will not reflect on the original authors’ " 
"reputations."

Finally, any free program is threatened constantly by software patents. We " 
"wish to avoid the danger that redistributors of a free program will " 
"individually obtain patent licenses, in effect making the program " 
"proprietary. To prevent this, we have made it clear that any patent must be " 
"licensed for everyone's free use or not licensed at all."
The precise terms and conditions for copying, distribution and modification follow.

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you receive it, in any medium, provided that you conspicuously and
appropriately publish on each copy an appropriate copyright notice and
disclaimer of warranty; keep intact all the notices that refer to this
License and to the absence of any warranty; and give any other recipients of
the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you
may at your option offer warranty protection in exchange for a fee.

You must cause the modified files to carry prominent notices stating that
you changed the files and the date of any change.

You must cause any work that you distribute or publish, that in whole or in
part contains or is derived from the Program or any part thereof, to be
licensed as a whole at no charge to all third parties under the terms of
this License.
Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

You may modify your copy or copies of the Program or any portion of it, "

"
You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such work under the terms of Section 1 above, provided that you also meet all of these conditions:

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.
"In addition, mere aggregation of another work not based on the Program with 
"the Program (or with a work based on the Program) on a volume of a storage 
"or distribution medium does not bring the other work under the scope of this 
"License."

Accompany it with the complete corresponding machine-readable source code, 
"which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a 
"medium customarily used for software interchange; or," 

Accompany it with a written offer, valid for at least three years, to give 
"any third party, for a charge no more than your cost of physically 
"performing source distribution, a complete machine-readable copy of the 
"corresponding source code, to be distributed under the terms of Sections 1 
"and 2 above on a medium customarily used for software interchange; or," 

Accompany it with the information you received as to the offer to distribute 
"corresponding source code. (This alternative is allowed only for 
"noncommercial distribution and only if you received the program in object 
"
"code or executable form with such an offer, in accord with Subsection b "
"above.)"

msgid ""

" "( "
" "
" " )"

#: C/index.docbook:263(sect2/para)
msgid ""

"You may copy and distribute the Program (or a work based on it, under "
"form under the terms of <link linkend="sect1">Sections 1</link> and "
"the following: <placeholder-1/>"

msgid ""

"You may copy and distribute the Program (or a work based on it, under <link 
"linkend="sect2">Section 2</link>) in object code or executable "
"the terms of <link linkend="sect1">Sections 1</link> and <link linkend=" 
"sect2">2</link>) above provided that you also do one of the following: <_: 
"orderedlist-1/>"

msgid ""

" "( "
" "<link linkend="sect2"> 2</link>) Section 2"<link "
"linkend="sect1"> 1</link> <link 
"sect2">2</link> : "
"<_:orderedlist-1/>"

#: C/index.docbook:297(sect2/para)
msgid ""

"The source code for a work means the preferred form of the work for making "
"modifications to it. For an executable work, complete source code means all "
"the source code for all modules it contains, plus any associated interface "
"definition files, plus the scripts used to control compilation and "
"installation of the executable. However, as a special exception, the source "
"code distributed need not include anything that is normally distributed in "
"either source or binary form with the major components (compiler, kernel, "
"and so on) of the operating system on which the executable runs, unless that "
"component itself accompanies the executable.""

msgid ""

" "( "
" "
" "
" "
" "
" ( ) "
" (,, ) "
" , "

Open Source Used In Data Center Network Manager 11 11.5(4) 7159
If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

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"distributing or modifying the Program or works based on it."
msgstr ""
"     ,     . "
",""
"  .          "
". ,     (    ") ,        "
"  ,        ".            "

#: C/index.docbook:341(sect2/title)
msgid "Section 6"
msgstr " 6"

#: C/index.docbook:343(sect2/para)
msgid ""
"Each time you redistribute the Program (or any work based on the Program), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute or modify the Program subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties to this License."
msgstr ""
"     (      ") ,         "
" ,         "
"    .      ".            "

#: C/index.docbook:353(sect2/title)
msgid "Section 7"
msgstr " 7"

#: C/index.docbook:355(sect2/para)
msgid ""
"If, as a consequence of a court judgment or allegation of patent "
"infringement or for any other reason (not limited to patent issues), "
"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
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"the Program at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Program by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Program."
msgstr ""
If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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"THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM "
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."

msgid "" 
msgstr ""

"IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "
"THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
"SUCH DAMAGES."

msgid "" 
msgstr ""

#~ msgid "2000" 
#~ msgstr "2000"

#~ msgid "2" 
#~ msgstr "2"

#~ msgid "1991-06" 
#~ msgstr "1991-06"
Preamble

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Elker knn dsse Lizenzurkunn verveelfltigen un unvernnerte Kopien verbreeden; nnern snd aver nich tolaten.

Version 2, June 1991

You can apply it to your programs, too.

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designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things."

msgstr "De Beteken "$frie" Programme betreckt sik op Friheit, nich op de Pries. Use Lizenzen schalln de Friheit garantereern, Kopien un frien Programmen to verbreeden (un ook wat fr dssen Deenst to bereknen, wenn je dat wullst), de Mglichkeit, de Programme as Welltext to kregen or de Welltext to kregen, wenn je dat wullst. De Lizenzen schalln garanteren, dat je de Programme mnern or Deels vun in neje frie Programmen bruken knnst - un dat je weeten deist, dat 'at tolaten is, dat je 'at allens maken knnst."

#: C/gpl.xml:90(para)
#, fuzzy
msgid "To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it."

msgstr "Um Ihre Rechte zu schtzen, mssen wir Einschrnkungen machen, die es jedem verbieten, Ihnen diese Rechte zu verweigern oder Sie aufzufordern, auf diese Rechte zu verzichten. Aus diesen Einschrnkungen folgen bestimmte Verantwortlichkeiten fr Sie, wenn Sie Kopien der Software verbreiten oder sie verndern."

#: C/gpl.xml:97(para)
#, fuzzy
msgid "For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights."

msgstr "Beispielsweise mssen Sie den Empfngern alle Rechte gewhren, die Sie selbst haben, wenn Sie - kostenlos oder gegen Bezahlung - Kopien eines solchen Programms verbreiten. Sie mssen sicherstellen, dass auch die Empfnger den Quelltext erhalten bzw. erhalten knnnen. Und Sie mssen ihnen diese Bedingungen zeigen, damit sie ihre Rechte kennen."

#: C/gpl.xml:109(para)
msgid "copyright the software, and"

msgid "Wi stellen de Programme unner een Urheverrecht (Copyright), un"

#: C/gpl.xml:114(para)

msgid "offer you this license which gives you legal permission to copy, distribute and/or modify the software."

msgid "wi geven ji disse Lizenz, de ji dat Recht givt, de Programme to veveelfltigen, to verbreeden un/or to vernern."

#: C/gpl.xml:104(para)

msgid "We protect your rights with two steps: <placeholder-1>";

msgid "Wi sekern diene Rechte in twej Schritten: <placeholder-1>";

#: C/gpl.xml:122(para)
#, fuzzy

msgid "Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations."

msgid "Um die Autoren und uns zu schtzen, wollen wir darber hinaus sicherstellen, dass jeder erfht, dass fr diese"
freie Software keinerlei Garantie besteht. Wenn die Software von jemand anderem modifiziert und weitergegeben wird, melden wir, dass die Empfänger wissen, dass sie nicht das Original erhalten haben, damit irgendwelche von anderen verursachte Probleme nicht den Ruf des ursprünglichen Autors schädigen."

#: C/gpl.xml:131(para)
#: fuzzy
msgid "Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all."

#: C/gpl.xml:139(para)
msgid "The precise terms and conditions for copying, distribution and modification follow."
msgstr "Nu kmmen de Regeln fr de Verveelfltigen, Verbreeden un Bewarken:"

#: C/gpl.xml:147(title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr "Regeln fr de Verfeelfltigen, Verbreeden un Bewarken"

#: C/gpl.xml:150(title)
msgid "Section 0"
msgstr "Paragraph 0"

#: C/gpl.xml:151(para)
#: fuzzy
msgid "This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The <quote>Program</quote>, below, refers to any such program or work, and a <quote>work based on the Program</quote> means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term <quote>modification</quote>.) Each licensee is addressed as <quote>you</quote>."
msgstr "Diese Lizenz gilt fr jedes Programm und jedes andere Datenwerk, in dem ein entsprechender Vermerk des Copyright-Inhabers darauf hinweist, da das Datenwerk unter den Bestimmungen dieser General Public License verbreitet werden darf. Im folgenden wird jedes derartige Programm oder Datenwerk als ,das <quote>Programm</quote> bezeichnet; die Formulierung <quote>auf dem Programm basierendes Datenwerk</quote> bezeichnet das Programm sowie jegliche Bearbeitung des Programms im urheberrechtlichen Sinne, also ein Datenwerk, welches das Programm, auch auszugsweise, sei es unverändert oder verändert und/oder in eine andere Sprache übersetzt, enthält. (Im folgenden wird die Übersetzung ohne Einschränkung als <quote>Bearbeitung</quote> eingestuft.) Jeder Lizenznehmer wird im folgenden als <quote>Sie</quote> angesprochen."

#: C/gpl.xml:163(para)
#: fuzzy
msgid "Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its
contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does."

msgstr "Andere Handlungen als Vervielfältigung, Verbreitung und Bearbeitung werden von dieser Lizenz nicht berührt; sie fallen nicht in ihren Anwendungsbereich. Der Vorgang der Ausführung des Programms wird nicht eingeschränkt, und die Ausgaben des Programms unterliegen dieser Lizenz nur, wenn der Inhalt ein auf dem Programm basierendes Datenwerk darstellt (unabhängig davon, dass die Ausgabe durch die Ausführung des Programmes erfolgte). Ob dies zutrifft, hängt von den Funktionen des Programms ab."

#: C/gpl.xml:173(title)
msgid "Section 1"
msgstr "Paragraph 1"

#: C/gpl.xml:174(para)
#, fuzzy
msgid "You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program."

msgstr "Sie dürfen auf beliebigen Medien unveränderte Kopien des Quelltextes des Programms, wie sie ihm erhalten haben, anfertigen und verbreiten. Voraussetzung hierfür ist, dass Sie mit jeder Kopie einen entsprechenden Copyright-Vermerk sowie einen Haftungsausschluss veröffentlichen, alle Vermerke, die sich auf diese Lizenz und das Fehlen einer Garantie beziehen, unverändert lassen und den weiteren allen anderen Empfängern des Programms zusammen mit dem Programm eine Kopie dieser Lizenz zukommen lassen."

#: C/gpl.xml:183(para)
msgid "You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee."

msgstr "Je kannst für den eigentlichen Kopievorgang eine Gebühr kregen. Wenn je dat willst, kannst je eene Gebühr eene Garantie fr dat Programm anbeeden."

#: C/gpl.xml:190(title)
msgid "Section 2"
msgstr "Paragraph 2"

#: C/gpl.xml:199(para)
msgid "You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change."

msgstr "Je mus de dernerten Dateien mit ee'm opfliigen Henwies ustatten, de op dien nnern un de Dag vun elke nnern henwiesen deit."

#: C/gpl.xml:205(para)
msgid "You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License."

msgstr "Ji mutt seker steln, dat elke vun dien Orbiet, de je verbreeden or penlich maken wullst, de heel or te'm Deel vun de Programm avleeten is, Dritten gegenwer as heel unner de Regeln vun dsser Lizenz ohn Lizenzgebhren to'r Verfgen stellst."
msgid "Exception:
msgstr "Utnahm:

#: C/gpl.xml:224(para)
#, fuzzy
msgid "If the Program itself is interactive but does not normally print such an announcement, your work based on
the Program is not required to print an announcement."
msgstr "Wenn das Programm selbst interaktiv arbeitet, aber normalerweise keine derartige Meldung ausgibt, muss
Ihr auf dem Programm basierendes Datenwerk auch keine solche Meldung ausgeben."

#: C/gpl.xml:213(para)
#, fuzzy
msgid "If the modified program normally reads commands interactively when run, you must cause it, when started
running for such interactive use in the most ordinary way, to print or display an announcement including an
appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and
that users may redistribute the program under these conditions, and telling the user how to view a copy of this
License. <placeholder-1/>"
msgstr "Wenn das vernderte Programm normalerweise bei der Ausfhrung interaktiv Kommandos einliest, mssen Sie
dafr sorgen, da es, wenn es auf dem blichsten Wege fr solche interaktive Nutzung gestartet wird, eine Meldung
ausgibt oder ausdruckt, die einen geeigneten Copyright-Vermerk enthlt sowie einen Hinweis, da es keine
Gewhrleistung gibt (oder anderenfalls, da Sie Garantie leisten), und da die Benutzer das Programm unter diesen
Bedingungen weiter verbreiten drfen. Auch mu der Benutzer darauf hingewiesen werden, wie er eine Kopie dieser
Lizenz ansehen kann. <placeholder-1/>"

#: C/gpl.xml:191(para)
#, fuzzy
msgid "You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the
Program, and copy and distribute such modifications or work under the terms of <link linkend="sect1">Section
1</link> above, provided that you also meet all of these conditions: <placeholder-1/>"
msgstr "Sie drfen Ihre Kopie(n) des Programms oder eines Teils davon verndern, wodurch ein auf dem Programm
basierendes Datenwerk entsteht; Sie drfen derartige Bearbeitungen unter den Bestimmungen von <link
linkend="sect1">Paragraph 1</link> vervielfltigen und verbreiten, vorausgesetzt, da zuszlich alle im folgenden
genannten Bedingungen erfllt werden: <placeholder-1/>"

#: C/gpl.xml:236(para)
#, fuzzy
msgid "These requirements apply to the modified work as a whole. If identifiable sections of that work are not
derived from the Program, and can be reasonably considered independent and separate works in themselves, then
this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole
must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to
each and every part regardless of who wrote it."
msgstr "Diese Anforderungen gelten fr das bearbeitete Datenwerk als Ganzes. Wenn identifizierbare Teile des
Datenwerkes nicht von dem Programm abgeleitet sind und vernnftigerweise als unabhngige und eigenstndige
Datenwerke fr sich selbst zu betrachten sind, dann gelten diese Lizenz und ihre Bedingungen nicht fr die betroffenen
Teile, wenn Sie diese als eigenstndige Datenwerke weitergeben. Wenn Sie jedoch dieselben Abschnitte als Teil
eines Ganzen weitergeben, das ein auf dem Programm basierendes Datenwerk darstellt, dann muss die Weitergabe
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
msgid "Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)"
msgstr "Liefern Sie das Programm zusammen mit dem schriftlichen Angebot der Zurverfügungstellung des Quelltextes aus, das Sie selbst erhalten haben. (Diese Alternative ist nur für nicht-kommerzielle Verbreitung zulässig und nur, wenn Sie das Programm als Objectcode oder in ausführbarer Form mit einem entsprechenden Angebot gem Absatz b erhalten haben.)"

#: C/gpl.xml:263(para)
#, fuzzy
msgid "You may copy and distribute the Program (or a work based on it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following: <placeholder-1/>"
msgstr "Sie dürfen das Programm (oder ein darauf basierendes Datenwerk gem <link linkend="sect2">Paragraph 2</link>) als Objectcode oder in ausführbarer Form unter den Bedingungen der Paragraphen <link linkend="sect1">1</link> und <link linkend="sect2">2</link> kopieren und weitergeben - vorausgesetzt, dass Sie außerdem eine der folgenden Leistungen erbringen: <placeholder-1/>"

#: C/gpl.xml:297(para)
#, fuzzy
msgid "The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable."
msgstr "Unter dem Quelltext eines Datenwerkes wird diejenige Form des Datenwerkes verstanden, die für Bearbeitungen vorzugsweise verwendet wird. Fr ein ausführbares Programm bedeutet „der komplette Quelltext“: Der Quelltext aller im Programm enthaltenen Module einschließlich aller zugehörigen Modulschnittstellen-Definitionsdateien sowie der zur Compilation und Installation verwendeten Skripte. Als besondere Ausnahme jedoch braucht der verteilte Quelltext nichts von dem zu enthalten, was blicherweise (entweder als Quelltext oder in binärer Form) zusammen mit den Hauptkomponenten des Betriebssystems (Kernel, Compiler usw.) geliefert wird, unter dem das Programm läuft - es sei denn, diese Komponente selbst gehört zum ausführbaren Programm."

#: C/gpl.xml:307(para)
#, fuzzy
msgid "If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code."
msgstr "Wenn die Verbreitung eines ausführbaren Programms oder von Objectcode dadurch erfolgt, da der Kopierzugriff auf eine dafür vorgesehene Stelle gewährt wird, so gilt die Gewährung eines gleichwertigen Zugriffs auf den Quelltext als Verbreitung des Quelltextes, auch wenn Dritte nicht dazu gezwungen sind, den Quelltext zusammen mit dem Objectcode zu kopieren."

#: C/gpl.xml:316(title)
msgid "Section 4"
msgstr "Paragraph 4"
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Section 6

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Section 6

Open Source Used In Data Center Network Manager 11 11.5(4) 7174
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This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this
License.”

msgid "Dsser Paragraph is dato dacht, dtlich klartostellen, wat as Rutkamen ut'm Rest von dsser Lizenz to verstohn is."

#: C/gpl.xml:390(title)
msgid "Section 8"
msgstr "Paragraph 8"

#: C/gpl.xml:392(para)
#, fuzzy
msgid "If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License."
msgstr "Wenn die Verbreitung und/oder die Benutzung des Programms in bestimmten Staaten entweder durch Patente oder durch urheberrechtlich geschützte Schnittstellen eingeschränkt ist, kann der Urheberrechtsinhaber, der das Programm unter diese Lizenz gestellt hat, eine explizite geographische Begrenzung der Verbreitung angeben, in der diese Staaten ausgeschlossen werden, so dass die Verbreitung nur innerhalb und zwischen den Staaten erlaubt ist, die nicht ausgeschlossen sind. In einem solchen Fall beinhaltet diese Lizenz die Beschränkung, als wären sie in diesem Text niedergeschrieben."

#: C/gpl.xml:402(title)
msgid "Section 9"
msgstr "Paragraph 9"

#: C/gpl.xml:404(para)
#, fuzzy
msgid "The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns."
msgstr "Die Free Software Foundation kann von Zeit zu Zeit berarbeitete und/oder neue Versionen der General Public License veröffentlichen. Solche neuen Versionen werden vom Grundprinzip her der gegenwärtigen entsprechen, können aber im Detail abweichen, um neuen Problemen und Anforderungen gerecht zu werden."

#: C/gpl.xml:410(para)
#, fuzzy
msgid "Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and <quote>any later version</quote>, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation."
If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

Da das Programm ohne jegliche Kosten lizenziert wird, besteht keinerlei Gewährleistung für das Programm, soweit dies gesetzlich zulässig ist. Sofern nicht anderweitig schriftlich bestätigt, stellen die Copyright-Inhaber und/oder Dritte das Programm so zur Verfügung, „wie es ist“ , ohne irgendeine Gewährleistung, weder ausdrücklich noch implizit, einschließlich - aber nicht begrenzt auf - Marktreife oder Verwendbarkeit für einen bestimmten Zweck. Das volle Risiko bezüglich Qualität und Leistungsfähigkeit des Programms liegt bei Ihnen. Sollte sich das Programm als fehlerhaft herausstellen, liegen die Kosten für notwendigen Service, Reparatur oder Korrektur bei Ihnen.
In no event unless required by applicable law or agreed to in writing will any copyright holder, or any other party who may modify and/or redistribute the program as permitted above, be liable to you for damages, including any general, special, incidental or consequential damages arising out of the use or inability to use the program (including but not limited to loss of data or data being rendered inaccurate or losses sustained by you or third parties or a failure of the program to operate with any other programs), even if such holder or other party has been advised of the possibility of such damages.

In keinem Fall, außer wenn durch geltendes Recht gefordert oder schriftlich zugesichert, ist irgendein Copyright-Inhaber oder irgendein Dritter, der das Programm wie oben erlaubt modifiziert oder verbreitet hat, Ihnen gegenüber für irgende welche Schäden haftbar, einschließlich jeglicher allgemeiner oder spezieller Schäden, Schäden durch Nebenwirkungen (Nebenwirkungen) oder Folgeschäden, die aus der Benutzung des Programms oder der Unbenutzbarkeit des Programms folgen (einschließlich - aber nicht beschränkt auf - Datenverluste, fehlerhafte Verarbeitung von Daten, Verluste, die von Ihnen oder anderen getragen werden müssen, oder dem Unvermögen des Programms, mit irgendeinem anderen Programm zusammenzuarbeiten), selbst wenn ein Copyright-Inhaber oder Dritter ber die Möglichkeit solcher Schäden unterrichtet worden war.

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Markup by Eric Baudais <baudais@okstate.edu>
Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Dec 16, 2000

The GNU Public License 2 in DocBook
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Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Dec 16, 2000
We protect your rights with two steps:

- copyright the software,
offer you this license which gives you legal permission to copy, 
distribute and/or modify the software.

You may modify your copy or copies of the Program or any portion of it, thus 
forming a work based on the Program, and copy and distribute such modifications 
or work under the terms of <link linkend="sect1">Section 1</link> above, provided 
that you also meet all of these conditions:

You must cause the modified files to carry prominent notices stating that
you changed the files and the date of any change.
</para>
</listitem>
</listitem>
</para>
You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
</para>
</listitem>
</listitem>
</para>
If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

<note>
<title>Exception:</title>
<para>
If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.
</para>
</note>

</para>
</listitem>
</orderedlist>
</para>

You may copy and distribute the Program (or a work based on it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of
<link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following:

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  <listitem>
    <para>
      Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a medium customarily used for software interchange; or,
    </para>
  </listitem>
  <listitem>
    <para>
      Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
    </para>
  </listitem>
  <listitem>
    <para>
      Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
    </para>
  </listitem>
</orderedlist>

"Open Source Used In Data Center Network Manager 11 11.5(4) 7182"
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(2), (2), 3.

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<title></title>

<para>
We protect your rights with two steps:
</para>

<orderedlist numeration="arabic">
  <listitem>
    <para>
copyright the software, and
</para>
  </listitem>
  <listitem>
    <para>
offer you this license which gives you legal permission to copy,
distribute and/or modify the software.
</para>
  </listitem>
</orderedlist>

<para>
() . () .
</para>

<para>
()
</para>

<para>
.
</para>

</sect1>

<sect1 id="terms" label="none">
<title><strong></strong></title>

</sect1>
You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

1. You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
2. You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
3. If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.
<note>
<title>Exception:</title>
<para>
If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.
</para>
</note>

<para>      .                                   .                       .
</para>

<para>                              .
</para>

<para>              (   )            .
</para>

</sect2>

<sect2 id="sect3" label="3">
<title> 3</title>
<para>
You may copy and distribute the Program (or a work based on it, under <link linkend="sect2">Section 2</link>) in object code or executable form under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following:
</para>

<orderedlist numeration="loweralpha">
<li>
<para>
Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a medium customarily used for software interchange; or,
</para>
</li>
<li>
<para>
Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
</para>
</li>
</orderedlist>
Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
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<title>9</title>
<para>.</para>
<quote>. .</quote>. </sect>

<sect id="sect10" label="10">
<title>10</title>
<para>. ( ).</para>
</sect>

<sect id="sect11" label="11">
<title><strong>11</strong></title>
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<author><surname>Free Software Foundation</surname></author>

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<revhistory>
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<legalnotice id="legalnotice">
<para>Tothom pot copiar i distribuir còpies literals d'aquest document de llicència, per no es permet de fer-hi modificacions.</para>
</legalnotice>

<releaseinfo>Versi 2, Juny de 1991</releaseinfo>

<abstract role="description">
Les llicencies de la majoria de programari estan dissenyades per a prendre-us la llibertat de compartir-lo i modificar-lo. Contrariament, la Llicència Pública General de GNU està pensada per a garantir-vos la llibertat de compartir i modificar el programari lliure, per tal d'assegurar que el programari sigui lliure per a tots els seus usuaris i usuaris.<para></abstract>

<othercredit class="translator">
<personname>
<firstname>Slvia Miranda</firstname></personname>
</othercredit>

<copyright>
<year>2007</year>
</copyright>

<holder>Slvia Miranda</holder>

<othercredit class="translator">
<personname>
<firstname>Gil Forcada</firstname></personname>
</othercredit>
Les llicències de la majoria de programari estan dissenyades per a prendre-us la llibertat de compartir-lo i modificar-lo. Contrariament, la Llicència pública general de GNU est pensada per a garantir-vos la llibertat de compartir i modificar el programari lliure, per tal d'assegurar que el programari sigui lliure per a tots els seus usuaris i usuries. Aquesta Llicència pública general s'aplicable a la majoria de programari de la Free Software Foundation (Fundació per al programari lliure) i a qualsevol altre programa els autors del qual es comprometin a utilitzar-la (algunes altres programari de la Free Software Foundation, en canvi, esté protegit per la Llicència pública general per a biblioteques de GNU). També podeu aplicar-la als vostres programes.

Quan parlem de programari lliure ens referim a la llibertat, no al preu. Les nostres llicències públiques generals estan pensades per assegurar que tingueu la llibertat de distribuir còpies del programari lliure (i de cobrar per aquest servei, si voleu); que rebue el codi font o que, si el voleu, el pugueu rebrer; que pugueu modificar el programari o fer-ne servir parts en programes lliures nous; i que sapigueu que podeu fer totes aquestes coses.

Per a protegir els vostres drets, cal que apliquem restriccions que prohibeixin a tothom de negar-vos aquests drets o demanar-vos que hi renunciue. Aquestes restriccions suposen determinades responsabilitats per a vs si distribueu còpies del programari o si el modificueu.

Protegim els vostres drets amb dos passos:

Ens reservem el copyright del programari, i

Us oferim aquesta llicència que us dona permis legal per a copiar, distribuir i/o modificar el programari.

A més a més, per protegir-nos i protegir l'autor o autora, volem estar segurs que tothom entn que no hi ha cap garantia per a aquest programari lliure. Si alguna modificació el programari i el passa, volem que els destinataris siguen que el que tenen no és l'original, per tal que qualsevol problema que hagin pogut introduir terceres persones no repercuteixi en la reputació de l'autor o autora original.
Finalment, qualsevol programa lliure est constantment amenaat per les patents de programari. Volem evitar el perill que els redistribudors d'un programa lliure acabin obtenint llicencies de patents i que, com a conseqüència d'així, el programa esdevinguí propietat exclusiva d'alg. Per evitar-ho, hem deixat clar que, de qualsevol patent, se n'han d'emetre llicencies per a tothom o no emetre'n cap. 

Les condicions exactes per a la cpia, distribució i modificació són les següents.

**TERMES I CONDICIONS PER A LA CPIA, DISTRIBUCIÓ I MODIFICACIÓ**

Aquesta llicència s'aplica a qualsevol programa o altra obra que contingui un avís del possessor del copyright que digui que es pot distribuir sota els termes d'aquesta llicència pública general. D'ara endavant, el "programa" es refereix a aquest programa o obra, i una "obra basada en el programa" es refereix al programa o alguna part del programa, ja sigui literalment o amb modificacions o traduïdas a altres llengües (d'ara endavant, les traduccions s'inclouen sense cap limitació en el terme "modificació"). Ens referim a cada beneficiari de la llicència com a "vos".

Les activitats que no siguin cpia, distribució o modificació no es tenen en compte en aquesta llicència, queden fora del seu mítig. No es restringeix l'acte d'exècutar el programa, i la llicència noms protegeix la producció que s'obtingui amb el programa si el seu contingut constitueix una obra basada en el programa (independentment de si s'ha creat executant el programa). Que aquest sigui el cas o no depèn de qu qui faci el programa.

Podeu copiar i distribuir còpies literals del codi font del programa tal com el rebu, en qualsevol mitjà, sempre que publiqueu en cada còpia, de manera adient i ben visible, una nota de copyright i una renúncia de garantia; manteniu intacts tots els avisos que fan referència a aquesta llicència i a l'absència de garanties de cap mena; i liureu a qualsevol altre destinatari del programa una còpia d'aquesta llicència juntament amb el programa.

Podeu cobrar un preu per l'acte físic de trames entre una còpia i podeu, si així ho voleu, oferir alguna garantia a canvi d'un preu.

Podeu modificar la còpia o còpies del programa o qualsevol tros del programa i, així, fer una obra basada en el programa, i podeu copiar i distribuir aquestes modificacions o obres sota els termes de la llicència anterior, sempre que també compliu les condicions següents: 

- Heu de fer que els fitxers modificats portin indicacions ben visibles que diguin que heu modificat els
fitxers, i hi heu d'escriure la data de la modificació.

Heu d'atorgar gratutament a totes les terceres parts els termes d'aquesta mateixa llicència sobre la totalitat de qualsevol obra que distribueu o publiquueu, que completament o en part contingui o sigui un derivat del programa o qualsevol part del programa.

Si el programa modificat normalment illegeix instruccions interactivament quan s'executa, heu de fer que quan s'arrenqui per a aquest s interactiu de la manera ms habitual, imprimeixi o mostri un missatge que inclogui una nota de copyright adient i un avís de que no hi ha garantia (o, si no, que digui que la garantia l'oferiu vs mateix) i que els usuaris poden redistributeu el programa sota aquestes condicions, i que indiqui a l'usuari o usuaria com veure una còpia d'aquesta llicència.

Si el programa s'interactiu per normalment no porta cap indicació com la que s'ha descrit, tampoc cal que les obres que feu basades en el programa en portin cap.

Aquests requeriments afecten l'obra modificada com un tot. Si hi ha parts identificables que no estan derivades del programa, i es poden considerar raonablement com a obres independents i separades en si mateixes, aleshores aquesta llicència i els seus termes no s'apliquen a aquelles parts quan les distribueu com a obres separades. Per quan distribueu aquestes mateixes parts integrades en un tot que sigui una obra basada en el programa, la distribució del tot s'ha de fer d'acord amb els termes d'aquesta llicència, i els permisos atorgats a altres beneficiaris abasten el tot sencer i, per tant, totes i cadascuna de les parts, independentment de qui les hagi escrites.

Així doncs, la intenció d'aquesta secció no s'ha de reclamar o disputar-vos cap dret a codi que hagueu escrit del tot vs mateix. La intenció s'ha de exercir el dret a controlar la distribució d'obres derivades o collectives basades en el programa.

A ms a ms, la simple agregació amb el programa (o amb una obra basada en el programa) d'altres obres no basades en el programa en un volum d'un mitjà d'emmagatzematament o de distribució no posa aquestes altres obres sota l'mbit de la llicència.

Podeu copiar i distribuir el programa (o una obra basada en el programa, segons la secció 2) en forma executable o de codi objecte d'acord amb els termes de les seccions 1 i 2 anteriors, amb la condició que també feu una de les coses següents: la secció 3 (secció 3)
L'acompanyeu amb un oferiment per escrit, amb validesa com a mínim fins al cap de tres anys, de subministrar a tota tercera part, i per un preu no superior al que us costi físicament realitzar la distribució, el codi font complet corresponent, que es distribueix d'acord amb els termes de les seccions 1 i 2 anteriors en un mitjà utilitzat habitualment per a l'intercanvi de programari; o, </para>

L'acompanyeu amb la informació que hagué rebut de l'oferiment de distribuir el codi font corresponent (aquesta alternativa només s'permés per a la distribució no comercial i només si heu rebut el programa en forma executable o de codi objecte amb aquest oferiment, d'acord amb la subsecció b anterior).</para>

El codi font per a una obra vol dir la forma preferida de l'obra per a fer-hi modificacions. Per una obra executable, el codi font complet vol dir tot el codi font per a tots els mduls que conté, mls tots els fitxers de definició d'interfícies associats si s'escull, mls els scripts que es facin servir per a controlar la compilació i la instal·lació de l'executable si s'escull. Tanmateix, com a excepció especial, el codi font que es distribueix no cal que inclogui res del que normalment es distribueixi (sia en forma binària o de codi font) amb els components principals (compilador, nucli o similars) del sistema operatiu en què s'executa el programa, tret que el component en qüestió acompanyi l'executable. 

Si la distribució de l'executable consisteix a donar accés per a copiar-lo d'un lloc determinat, aleshores serveix com a distribució del codi font el fet de donar un accés equivalent per a copiar el codi font, encara que les terceres parts no estiguin obligades a copiar el codi font en copiar el codi objecte.

No podeu copiar, modificar, reemetre llicències, o distribuir el programa si no s de la forma expressa que atorga aquesta Llicència. Qualsevol altre intent de copiar, modificar, reemetre llicències, o distribuir el programa s'il·licit i finalitzar automàticament els drets que hagué obtingut d'aquesta llicència. Tanmateix, les parts que hagin rebut de vs còpies o drets d'acord amb aquesta llicència no veuran les seves llicències finalitzades mentre segueixin observant-les estrictament. 

No esteu obligat a acceptar aquesta llicència, ja que no l'heu signada. Tanmateix, no hi ha cap altra opció que us doni permés per modificar o distribuir el programa o les seves obres derivades. Aquestes accions queden prohibides per la llei si no accepteu aquesta llicència. Així doncs, en modificar o distribuir el programa o les seves obres derivades, indiqueu que accepteu aquesta llicència per a fer-ho, i tots els seus termes i condicions per copiar, distribuir o modificar el programa o obres que hi estiguin basades.
<para>Cada cop que distribueu el programa (o qualsevol obra basada en el programa), el destinatari rep automàticament, de qui va emetre la llicència originàriament, una llicència per copiar, distribuir o modificar el programa sotmesa a aquests termes i condicions. No podeu imposar cap ms restricció a l'exercici dels drets que aqui es confereixen. No sou responsable de fer complir aquesta llicència a terceres parts.</para>

<sect2 id="sect7" label="7">
<title>Secció 7</title>

<para>Si, a conseqüència d'una decisió judicial, una demanda per infracció d'una patent o per qualsevol altra ra (no exclusivament relacionada amb patents), se us imposen condicions (tant si s per ordre judicial, acord, o el que sigui) que contradiuen les condicions d'aquesta llicència, no quedeu excusat de les condicions d'aquesta llicència. Si no us s possible distribuir de manera que satisfiui alhora les obligacions que us imposa aquesta llicència i qualsevol altra obligació pertinent, aleshores no podeu distribuir el programa en absolut. Per exemple, si una llicència de patent no permet redistributeu de manera que satisfeu alhora les obligacions que us imposa aquesta llicència i alhora les condicions d'aquesta llicència, no podeu distribuir el programa. Si qualsevol fragment d'aquesta secció queds invalidat o no es pogui fer complir en qualsevol circumstància particular, la intenció s que s'apliqui el balan de la secció, i que s'apliqui la secció en la seva totalitat en altres circumstàncies.</para>

<para>El propòsit d'aquesta secció no s induir-vos a infringir cap patent ni cap altre requeriment del dret a la propietat, o a discussir-ne la validesa; l'inc propòsit d'aquesta secció s protegir la integritat del sistema de distribució de programari lliure, que s'implementa amb pràctiques de llicència pública. Molta gent ha fet generoses contribucions a l'ampli ventall de programari distribuït per aquest sistema refiant-se de l'aplicació consistent del sistema; li pertoca a l'autor, autora o donant decidir si vol distribuir programari per algun altre sistema, i un beneficiari de la llicència no pot imposar aquesta elecció.</para>

<para>Aquesta secció pretén deixar del tot clar el que es considera una conseqüència de la resta de la llicència.</para>
</sect2>

<sect2 id="sect8" label="8">
<title>Secció 8</title>

<para>Si hi ha pasos que restringeixen la distribució o l'ús del programari, ja sigui per patents o per interfeccions sota copyright, el possessor del copyright original que posi el programa sota aquesta llicència pot afegir limitacions geogràfiques explícites que exclouïn aquests pasos, de manera que la distribució no s permés dins dels pasos no exclosos, o entre ells. En tal cas, aquesta llicència incorpora la limitació com si estigués escrita en el text de la llicència.</para>
</sect2>

<sect2 id="sect9" label="9">
<title>Secció 9</title>

<para>La Free Software Foundation pot publicar versions revisades o noves de la llicència pública general de tant en tant. Aquestes versions noves seran semblants en esperit a la versió present, per poden diferir en detalls per tractar
noves preocupacions o problemes.</para>

<para>Cada versi rep un número de versi distintiu. Si el programa especifica un número de versi d'aquesta llicència que li s'aplica i que també s'aplica a <quote>qualsevol versi posterior</quote>, teniu l'oportunitat de seguir els termes i condicions de la versió especificada o bé els de qualsevol versi publicada posteriorment per la Free Software Foundation. Si el programa no especifica un número de versi d'aquesta llicència, podeu triar qualsevol versi que hagi publicat la Free Software Foundation en qualsevol data.</para>

</sect2>

<sect2 id="sect10" label="10">
<title>Secció 10</title>

<para>Si voleu incorporar parts del programa en altres programes lliures les condicions de distribució dels quals són diferents, escriviu a l'autor per demanar-li permís. Per al programari que està sota copyright de la Free Software Foundation, escriviu a la Free Software Foundation; de vegades em excepcions per a permetre-ho. Prendrem la nostra decisió guiats per objectius de mantenir la condició de lliure de tots els derivats del nostre programari lliure i de promoure la compartició i la reutilització del programari en general.</para>

</sect2>

<sect2 id="sect11" label="11">
<title>SENSE GARANTIA</title>

<subtitle>Secció 11</subtitle>

<para>ATS QUE EL PROGRAMARI T'UNA Llicència GRATUita, NO SE N'OfeReix CAP TIPUS DE GARANTIA, EN LA MEsura PERMesa PER les LlEIS APLICABLEs. Llevat dels casos en què s'aFIRMI el CONTRARI PER ESCRIT, els llïciEnCIadors i/o les ALTres PARTs OFERExen el PROGRAMA <quote>TAL COM S</quote>, SEnSe CAT TIPUS DE GRANtia, ni EXPlCiTA ni IMPlCiTA; AIXI INClou, SEnSe LIMITAR-S’HI, les GARANTIES IMPlCiTES de COMERCIAlització i ADEQUACIÓ A un S CONCRET. Tot el risc pel que fa a la qualitat i rendiment del programa s'hi Vostre. En cas que el programa results defectuos, vs assumiu tot el cost d'assistència, reparació o correcció.</para>

</sect2>

<sect2 id="sect12" label="12">
<title>Secció 12</title>

<para>El posseidor del copyright, o qualsevol altra part que pugui modificar o redistribuir el programa tal com es permet a més amunt no us haur de respondre en cap cas, tret del que requereixo la llei aplicable o els acords per escrit, per perjudicis, inclosos els incidentalos, derivats, especials o generals que es derivin de l's o de la impossibilitat d's del programa (incloses, entre d'altres, les prdues de daques, les daques que el programa hagi malms, les prdues que us hagi provocat a vs o a tcers o la impossibilitat que el programa funcioni amb qualsevol altra programa), fins i tot si aquest posseidor o altra part ha estat advertida de la possibilitat d'aquests perjudicis.</para>

</sect2>

</sect1>
</article>
Licenza Publica Xeral de GNU

A maiora das licenzas de software estn concibidas para privar o usuario da sa liberdade de compartir e modificar ese software. Pola contra, a licenza pública xeral de GNU busca garantir a sa liberdade para compartir e modificar software libre, para se asegurar de que o software libre para todos os seus usuarios.

Permitese a copia e distribucin de copias textuais desta licenza, sempre que non se introduza ningunha modificacin.

Versin 2, Xuo de 1991

Fran Dieguez
A maioria das licenças de software estm concibidas para privar o usuario da sa liberdade de compartir e modificar ese software. Pola contra, a licença pública xeral de GNU busca garantir a sa liberdade para compartir e modificar software libre, para se asegurar de que o software libre para todos os seus usuarios. Esta licença pública xeral de aplicación maiora do software da Free Software Foundation, as como a calquera outro programa cuxos autores se comprometan a utilizalas (hai outro software da Free Software Foundation que se rexite, no seu lugar, pola licença pública xeral reducida de GNU). Tamm pode aplicala aos seus propios programas.

Cando se fala de software libre flase de liberdade, non de prezo. As nosas licenças públicas xerais estn deseadas co obxectivo de asegurar a sa liberdade para distribuír copias de software libre (e cobrar por este servizo, se as o desexa), que recibe o código fonte ou pode recibilo se as o desexa, que ten a posibilidade de modificar o software ou empregar partes del en novos programas libres e que, ademais, consciente de que pode facer todo isto.

Para protexer os seus dereitos, compre introducir certas restricns que impidan que calquera outro lle poida negar estes dereitos ou pedírille que renuncie a eles. Estas restricns implican determinadas responsabilidades para vostede, no caso de distribuír copias do software ou modificalo.

Por exemplo, se distribe copias dun programa libre, sexa gratis ou non, tenlle que ceder aos receptores todos os dereitos que ten vostede. Terase que asegurar de que eses receptores tamm reciben ou poden recibir o código fonte e ter que mostrarlles os termos desta licenza para informalos dos seus dereitos.

Dous son os pasos para protexer os seus dereitos: 
- O software baixo copyright e
- Ofrecerlle esta licenza, que o autoriza legalmente para copiar, distribuír e/ou modificar o software.

Ademais, como medida de protección para todos os autores e para ns mesmos, importante deixarlles claro a todas as partes que non existe garanta para este software libre. No caso de que calquera usuario modifique o software e logo o distribúa a un terceiro, os receptores deben saber que o que se lle entrega non o software orixinal, de xeito que calquera problema introducido pola outra parte non afecte a reputación dos autores orixinais.
Por último, cualquiera programa libre está constantemente amenazado por patentes de software. A nuestra intención evitar el perigo de que los redistribuidores de un programa libre obtengan licencias de patente por su conta, convirtiendo así su programa en software registrado. Para evitar que esto suceda, dejamos claro que cualquiera patente debe de garantizar la cesión de la licencia a cualquiera usuario posible, de manera que todo el mundo pueda usar el programa libremente, o, en caso contrario, no debe de garantizar licencia ninguna a ninguno.

A seguir detallan los términos y condiciones exactos para la copia, distribución y modificación.

TERMOS E CONDICIONS PARA A COPIA, DISTRIBUCIÓN E MODIFICACIÓN

Esta licencia aplicable a cualquier programa o producto de otro tipo en que figure un aviso insertado por el titular del copyright que especifique que se puede distribuir bajo los términos de esta licencia pública general. De aquí en adelante, el término "Programa" referirse a cualquier programa o producto de este tipo, mientras que el término "producto basado en el Programa" referirse tanto al programa como a cualquier producto derivado conforme a la ley de propiedad intelectual, decir, cualquier producto que contenga el programa o una parte del, sea textual o con modificaciones y/o traducida a otra lengua. (De aquí en adelante, la traducción incluye sin limitación el término "modificación".) Las licencias están redactadas en la forma de cortesía "vosotras".

Calquera actividad distinta de la copia, distribución e modificación no está cubierta por esta licencia, salvo que quedan fuera del ámbito de aplicación. No se restrinja a la acción de ejecutar el Programa, y los resultados tirados del Programa están cubiertos si el su contenido consiste en un producto basado en el Programa (sin importar si fue realizado mediante la ejecución del Programa). Que esto sea cierto o no dependerá de lo que haga el Programa.

Puede modificar su copia o copias del Programa, o cualquier parte de él, y obtener un producto basado en el Programa, así como copiar y distribuir las modificaciones o producto de acuerdo con los términos del apartado 1 anterior, siempre que cumpla tan con todas las condiciones siguientes:

Puede cobrar una tarifa por el acto físico de transferir una copia y, si lo desea, puede también ofrecer una determinada garantía a cambio del pago de una tarifa.
Programa, as como copiar e distribuir as devanditas modificacions ou produto de acordo cos termos do apartado 1 anterior, sempre que cumpra tamén con todas as condicions seguintes:

- Debe facer que calquera produto distribuido ou publicado por vostede, que en todo ou en parte contea ou derive do Programa ou de calquera parte do Programa, obteña unha licenza no seu conxunto sen que isto repercuta en ningun gasto para calquera terceira parte de acordo cos termos desta licenza.

- Se o programa modificado adoita ler comandos de forma interactiva ao executaloo, debe facer que, cando se execute para tal uso interactivo na forma mis habitual, mostre ou exhiba un aviso no que se inclan as oportunas informacions relativas propiedade intelectual do programa e ausencia de toda garanta (ou, se for o caso, ao feito de que vostede quen proporciona a garanta), a indicacín de que os usuarios poden redistribuir o programa consonte estas condicions e a informacín necesaria para que o usuario saiba como acceder a unha copia desta licenza.

- Se o Programa en si mesmo interactivo pero non adoita mostrar avisos deste tipo, non necesario que o seu produto baseado no Programa exhiba ningun aviso.

- Estes requisitos aplcanse ao producto modificado no seu conxunto. Se o produto contén seccins facilmente identificables non derivadas do Programa, que razoablemente se poidan considerar como produtos separados e independentes por si mesmos, esta licenza e mais os seus termos non sern aplicables s devanditas seccins cando se distriban como produtos separados. Pero se esas mesmas seccins se distriben como parte dun todo consistente nun produto baseado no Programa, a distribucín do todo deber de se acoller aos termos desta licenza, cuxas disposicions, aplicables a todos os demais titulares da licenza, abranguen o conxunto completo e, en consecuencia, todas e cada unha das partes do conxunto independentemente de quen as escribise.

- As, o obxectivo deste apartado non reclamar dereitos ou rebater os seus dereitos sobre calquera produto escrito por vostede na sa totalidade; mis ben ao contrario, o seu obxectivo exercer o dereito de controlar a distribucin de produtos derivados ou colectivos baseados no Programa.

- Ademais, a simple agregacin ao Programa (ou a un produto baseado no Programa) doutro produto non baseado no Programa nun volume dun medio de distribucin ou almacenamento non implica a inclusin do outro produto no mbito de aplicacin desta licenza.

Para copiar e distribuir o Programa (ou un producto baseado nel, segundo os termos do <link linkend="sect2">apartado 2</link>) en cdigo obxecto ou forma executable de acordo co establecido nos <link linkend="sect1">apartados 1</link> e <link linkend="sect2">antes</link> anteriores, siempre que cumpra tamén con un dos seguintes requisitos: <orderedlist numeration="loweralpha">
de software.</para>
</listitem>
</orderedlist></para>
</sect2>

<sect2 id="sect4" label="4">
<title>Seccin 4</title>

<para>Non lle est permitido copiar, modificar, emitir una sublicencia nin distribuir o Programa a
nos termos especificamente estipulados nesta licenza. Calquera outro intento de copiar, modificar, emitir
una sublicencia ou distribuir o Programa ser considerado nulo, e implicar a cancelacin automtica
dos dereitos que lle concede esta licenza. No entanto, as partes s que vostede concedera copias ou
dereitos consonte os termos desta licenza non vern resoltas as sas respectivas licenzas, sempre que
cumpran plenamente con todo o que nelas se estipula.</para>
</sect2>

<sect2 id="sect5" label="5">
<title>Seccin 5</title>

<para>Dado que anda non a asinou, non est obrigado a aceptar os termos desta licenza. Porn, ela
o nico que o autoriza a modificar ou distribuir o Programa ou calquera outro produto derivado del.
Estas accins estn prohibidas por lei mentres non acepte esta licenza. Xa que logo, mediante a
modificacin ou distribucin do Programa (ou de calquera produto baseado no Programa) vostede
expresa a sa aceptacin desta licenza para a realizacin das devanditas accins, as como de todos os
termos e condicins estipulados nela para a copia, distribucin ou modificacin do
Programa ou de calquera produto baseado nel.</para>
Cada vez que redistribuya el Programa (o cualquier producto basado en el Programa), el receptor recibirá automáticamente una licencia por parte del emisor de la licencia original que le permitirá copiar, distribuir o modificar el Programa conforme a estos términos y condiciones. Usted no podrá imponer ninguna otra restricción sobre el ejercicio de los derechos estipulados por parte del receptor. Usted es responsable de exigirle a terceros el cumplimiento de las condiciones estipuladas en esta licencia.

Si, como consecuencia de un proceso judicial o de una acusación por violación de patentes, o por cualquier otra causa (sin limitarse a temas de patentes), se imponen cualquier condición sobre usted (ya sea por orden judicial, por acuerdo o por alguna otra causa) que contradiga las condiciones de esta licencia, esto no le exime del cumplimiento de las condiciones de esta licencia. Si no le es posible distribuir el Programa cumpliendo con las obligaciones contraídas bajo esta licencia y, asimismo, cualquier otra obligación relevante, tendrá que dejar de distribuirlo de ningún modo. Por ejemplo, en el caso de que exista una licencia de patente que no permita la redistribución del Programa para evitar los derechos de autor de todos aquellos que reciben copias de manera directa o indirecta de usted, el único modo de cumplir con las condiciones de esa licencia de patente y esta licencia es evitar por completo la distribución del Programa.

Si alguna sección de este apartado se considera inaplicable o no se pueda poner en práctica en una circunstancia específica, se aplicará el resto del apartado y, en otras circunstancias, se aplicará todo el apartado en su conjunto.

El objetivo de este apartado no induce a infrinquir ninguna reivindicación de patente ni de cualquier otro derecho de propiedad intelectual, así como tampoco impugna la validez de tales reivindicaciones. Su único objetivo proteger la integridad del sistema de distribución de software libre, llevado a la práctica mediante la creación de licencias públicas. Muchas personas han contribuido con generosidad al desarrollo de la amplia gama de software distribuido a través de este sistema, con la confianza de que se aplican consistentemente. El autor/donador puede decidir si está dispuesto a distribuir su software mediante cualquier otro sistema; el titular de una licencia no puede imponer este tipo de elección.

Este apartado pretende dejar bien claro qué consecuencia tiene el resto de esta licencia.

En el caso de que en algunos países se restrinja la distribución y/u uso del Programa por una patente o interface protegida por copyright, el titular original del copyright que somete el Programa a los términos de esta licencia podrá exigir una restricción explícita de distribución geográfica que excluya aquellos países, de tal modo que se permita la distribución en otros países. Si esto es el caso, la licencia incorporará la restricción citada en los mismos términos que se fuese redactada como parte del cuerpo de esta licencia.
Sección 9

A Free Software Foundation poder publicar versiones revisadas e/ou novas desta licenza pública xeral no momento en que o estime oportuno. As novas versiones mantém o mesmo espírito ca a actual, se ben poden diferir nalgunos detalles do contido co obxectivo de facer fronte a novos problemas ou preocupacións.

Sección 10

Se desexa incluir partes do Programa noutros programas libres cunhas condicions de distribución distintas, deber de se dirixir ao autor por escrito para lle pedir a sa autorización. No caso do software co copyright da Free Software Foundation, dirxase por escrito Free Software Foundation, que en ocasións fai excepcións nestes casos. A decisión que tomemos basearase nos nosos dous obxectivos de preservar o estatus libre de calquera produto derivado do noso software libre e de promover o compartimento e a reutilización do software en xeral.

Sección 11

DADO QUE SE TRATA DUN PROGRAMA ACOMPAÑADO DUNHA LICENZA GRATUITA, DENTRO DOS LÍMITES PERMITIDOS POLA LEXISLACIÓN APLICABLE CONSIDERASE UN PROGRAMA EXENTO DE TODA GARANZA. AGS QUE SE ESPECIFIQUE O CONTRARIO POR ESCRITO, OS TITULARES DO COPYRIGHT E/OU OUTRAS PARTES CEÑEN O PROGRAMA "TAL CAL" SEN NINGUN TIPO DE GARANZA, NIN EXPLCITA NIN IMPLCITA, INCLUDAS, ANDA QUE SEN EXCLUSIVIDADE, AS GARANTAS IMPLCITAS DE COMERCIABILIDADE E IDONEIDADE PARA UN DETERMINADO FIN. A TOTALIDADE DOS RISCOS ASOCIADOS CALIDADE E AO RENDIMIENTO DO PROGRAMA RECAE SOBRE VOSTEDE. SE O PROGRAMA RESULTASE DEFECTUOSO, VOSTEDE TER QUE ASUMIR OS CUSTOS DE CALQUERA REPARACIÓN, ARRANXO OU EMENDA.

Sección 12

EN NINGUN CASO, AGS QUE AS O ESIXA A LEXISLACIÓN APLICABLE OU QUE EXISTA UN ACORDO POR ESCRITO ENTRE AS PARTES, SE LLE ESIXIR RESPONSABILIDADE AO TITULAR DO COPYRIGHT, OU A CALQUERA OUTRA PARTE AUTORIZADA PARA MODIFICAR E/OU REDISTRIBUIR O PROGRAMA CONSONTE OS TERMOs DESCritos ANTERIORMENTE, POLOS DANOS E PERDAS.
Ocasionados, incluidos os danos xerais, especiais, incidentais ou de importancia de Calquera tipo que poñan derivar do uso ou da incapacidade de uso do programa (o que inclúe, andando que sen restrición, ben a perda de datos, ou ben a interpretación imprecisa de datos, ou ben as perdas ocasionadas a vostede ou a un terceiro, ou ben a imposibilidade de executar o programa con calquera outro programa), mesmo se o devandito titular ou a outra parte foisen advertidos da posibilidade de que se producisen os danos descritos anteriormente.

</sect2>
</sect1>

<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE article PUBLIC "-//OASIS//DTD DocBook XML V4.1.2//EN" "http://www.oasis-open.org/docbook/xml/4.1.2/docbookx.dtd">
<!--The GNU Free Documentation License 1.1 in DocBook
Markup by Eric Baudais <baudais@okstate.edu>
Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Dec 16, 2000-->
La finalitat d'aquesta Llicncia s crear manuals, llibres de text o altres documents escrits pel que fa a la llibertat; per assegurar tothom la llibertat real de copiar-los i redistribuir-los, modificant-los o no, amb finalitats comercials o no. Addicionalment, aquesta Llicncia assegura l'autor i l'editor una manera d'obtenir crdit per la seva obra sense ser considerat responsables de les modificacions fetes pels altres.

Aquesta Llicncia s una mena de copyleft, el que significa que les obres que es derivin del document tamb han de ser lliures en el mateix sentit, i complementa la Llicncia pblica general de GNU, que s una llicncia de copyleft dissenyada per al programari lliure.

Hem dissenyat aquesta Llicncia per tal d'utilitzar-la en manuals de programari lliure, perqu el programari
lliure necessita documentació lliure: un programa lliure ha de venir amb manuals que tinguin les mateixes llibertats que t'el programari. Per aquesta Llicncia no es limita als manuals de programari; es pot utilitzar per a qualsevol obra de text, independentment del seu tema o de si s'ha publicat en forma impresa o no. Recomanem aquesta Llicncia especialment per a obres la finalitat de les quals sigui formació o consulta.</para>

</sect1>

<sect1 id="fdl-section1" label="1">
<title>CAMP D'APLICACIÓ I DEFINICIONS</title>
<para id="fdl-document">Aquesta Llicncia s'aplica a qualsevol manual o altra mena d'obra que inclogui un avs del propietari del copyright que digui que es pot distribuir sota els termes d'aquesta Llicncia. Amb "Document" ens referirem a aquest manual o obra. Qualsevol membre del públic s un "autoritzat" i ens hi adrearem com a "vs".</para>

<para id="fdl-modified">Una "Versió modificada" del document significa qualsevol obra que contingui el document o una part d'ell, ja sigui copiat literalment o amb modificacions i/o traduït a un altre idioma.</para>

<para id="fdl-secondary">Una "Secció secundària" s un annex amb tot el o una secció preliminar del "Document" que t a veure exclusivament amb la relació dels editors o autors del Document amb el tema general del Document (o amb temes relacionats) i no conté res que pugui entrar directament dins d'aquest tema general (per exemple, si el Document s en part un llibre de matemàtiques, una Secció secundària pot no parlar gens de matemàtiques). La relació pot ser un assumpte de connexió històrica amb el tema o amb assumptes relacionats, o de posicions jurídiques, comercials, filosòfiques, tèciques o polítiques relatives a ells.</para>

<para id="fdl-invariant">Les "Seccions invariables" sn determinades "Seccions secundàries" els trets de les quals indiquen que sn Seccions invariables en l'avs que indica que el "Document" es distribueix sota aquesta Llicncia.</para>

<para id="fdl-cover-texts">Els "Textos de portada" sn determinats fragments breus de text que consten com a Textos de portada o Textos de contraportada en l'avs que indica que el "Document" es distribueix sota aquesta Llicncia.</para>

<para id="fdl-transparent">Una còpia "Transparent" del "Document" significa una còpia que pugui ser llegida per una màquina, presentada en un format les especificacions del qual siguin accessibles al públic en general, els continguts de la qual es poden visualitzar i editar directament amb editors de text generals, o, per a imatges compostes de pixels, amb programes gràfics generals, o, per a dibuixos, amb editors de dibuixos fàcilment accessibles, i que es pugui introduir a formatters de text, o a traductors automàtics en una varietat de formats que es puguin introduir a formatters de text. Una còpia feta en un format de fitxa Transparent, l'etiquetatge del qual s'hagi dissenyat per obstaculitzar o dissuadir als lectors de fer-hi ulteriors modificacions no s Transparent. Una còpia que no s "Transparent" s'anomena "Opaca".</para>

<para>Alguns dels formats adequats per a còpies Transparencs sn: ASCII net sense etiquetatge, format d'entrada Texinfo, format d'entrada LaTeX, SGML o XML que utilitzen un DTD accessible per a tot hom, i HTML senzill que compleixi amb els estàndards que estiguin dissenyat per a la modificació humana. Els formats opacs inclouen PostScript, PDF, els formats de propietat que noms es poden llegir i editar per processadors de textos de propietat, SGML o XML el DTD i/o eines de processament dels quals no siguin fàcilment accessibles, i HTML generat automàticament per alguns processadors de textos noms per a la sortida.</para>
La *Página de títol* significa, per a un llibre imprès, la pròpia pàgina de títol, mas totes aquelles pàgines que siguin necessàries per contenir, de manera ilegible, el material que aquesta Llicència requereix que aparegui a la pàgina de títol. Per a les obres que, a causa del format de les quals, no tinguin pròpiament una pàgina de títol, la *Página de títol* significa el text proper a l'aparició més destacada del títol de l'obra, precedent el començament del cos del text.</para>

**CPIES LITERALS**<para>Podeu copiar i distribuir el [link linkend="fdl-document">Document</link> en qualsevol suport, de manera comercial o no, sempre que aquesta Llicència, els avisos de copyright, i l'avs de llicència que diu que aquesta Llicència s'aplica al Document, es reproduueixin en totes les còpies, i que no hi afequi altres condicions que les d'aquesta Llicència. No podeu utilitzar mitjans tecnics per impedir o controlar la lectura de successives còpies de les còpies que feu o distribueu. Podeu acceptar, per, una compensació a canvi de les còpies. Si distribueu un nombre prou gran de còpies tamb heu de seguir les condicions de la [link linkend="fdl-section3">secció 3</link>. </para>

Tamb podeu prestar-ne còpies, amb les mateixes condicions esmentades, i exhibir-ne còpies públicament.</para>

**CPIES EN GRANS QUANTITATS**<para>Si publiqueu ms de 100 còpies impreses, o en un suport que habitualment tingui cobertes impreses, del [link linkend="fdl-document">Document</link>, i l'avs de llicència del Document requerix [link linkend="fdl-cover-texts">Textos de portada</link>, heu d'acompanyar les còpies de cobertes que portin, clarament ilegible, tots aquests Textos de portada: Textos de portada a la portada i Textos de contraportada a la contraportada. A totes dues cobertes s'ha d'indicar, clarament ilegible, que sou l'editor d'aquestes còpies. La portada ha d'indicar el títol complet, i totes les paraules han de destacar i veure's d'igual manera. Podeu afegir material addicional a les cobertes. Les còpies amb canvis noms a les cobertes, mentre conservin el títol del [link linkend="fdl-document">Document</link> i satisfacin aquestes condicions, es poden considerar còpies literals en altres aspectes. </para>

Si els textos requerits per a qualsevol de les cobertes sn massa densos per encabir-los de manera que quedin ilegibles, cal que poseu els primaries (tants com sigui raonablement possible) en la coberta real, i la resta en pàgines adjacents.</para>

Si publiqueu o distribueu ms de 100 còpies [link linkend="fdl-transparent">Opaques</link> del [link linkend="fdl-document">Document</link>, heu d'incloure amb cadascuna d'elles una còpia [link linkend="fdl-transparent">Transparent</link>, ilegible per una màquina, o b incloure-hi, o indicar-hi, una ubicació de xarxa accessible públicament que contingui una còpia Transparent completa del Document i sense material afegit des d'on tothom que utilitzi la xarxa pugui baixar-se, utilitzant protocols de xarxa públics. Si utilitzeu aquesta darrera opció, en començar la distribució de gran quantitat de còpies Opaques heu de prendre les mesures raonablement necessàries per tal d'assegurar que la còpia Transparent a qu'accedeixi seguir disponible, en la ubicació indicada, com a mínim durant un any a comptar des del moment en que distribueu al públic (directament o a través dels vostres representants o minoristes) l'última còpia Opaça d'aquesta edici.</para>

Es prega, per no s'exigeix, que us poseu en contacte amb els autors del [link linkend="fdl-document">Document</link> abans de redistribuir un gran nombre de còpies; d'aquesta manera, els autors us podran facilitar una versió actualitzada del Document, si s que n'hi ha alguna. </para>
MODIFICACIONS

Podeu copiar i distribuir una versió modificada del Document d'acord amb les condicions de les seccions 2 i 3, sempre que distribuïeu la versió modificada d'acord precisament amb aquesta Llicència, amb la versió modificada actuant com a Document, autoritzant d'aquesta manera la distribució i modificació de la versió modificada a qualsevol que en posseeixi una còpia. A més, a la versió modificada hi heu de fer el següent:

- Utilitzeu a la Pàgina de títol (i a les cobertes, si n'hi ha) un títol diferent del Document i del de les versions anteriors (que, si n'hi ha, han d'estar detallades a la secció Històrial del Document). Podeu utilitzar el mateix títol d'una versió anterior si l'editor original d'aquesta versió ho autoritzà.
- Relacioneu a la Pàgina de títol, com a autors, una o més persones o entitats responsables de la realització de les modificacions de la Versió modificada, juntament amb almenys cinc dels autors principals del Document (o tots els autors principals, si en menys de cinc).
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- Afegiu, al costat dels altres avisos de copyright, un avís de copyright adequat per a les vostres modificacions.
- Incloueu, immediatament després dels avisos de copyright, un avís de llicència donant autorització pública per utilitzar la Versió modificada d'acord amb els termes d'aquesta llicència, en el formulari que s'indica a l'addendum de ms avall.
- Conserveu, en aquest avís de llicència, la relació completa de Seccions.
Invariables</para>
</listitem>

<listitem>
<para>Incloeu una epia no alterada d'aquesta Llicencia.</para>
</listitem>

<listitem>
<para>Consoure la secci titulada <quote>Historial</quote> amb el seu titol, i afegiu-hi almenys el titol, any, nous autors i editor de la Document amb el seu titol, any, nous autors i editor del Document com s'indica a la seva Pgina de titol, descriuint-hi tamb la Versi modificada com s'indica al punt anterior.</para>
</listitem>

<listitem>
<para>Consoure la ubicaci de xarxa, si n'hi ha, indicada al Document per a l'acc HS pblic a una epia Transparent del Document, i tamb les ubicacions de xarxa indicades al Document on es poden trobar les versions anteriors en qu s'ha basat, que es poden incloure a la secci <quote>Historial</quote>. Podeu ometre les ubicacions de xarxa d'obres publicades al menys quatre anys abans del propi Document, o si l'editor original de la versi a qu fa referncia us hi autoritza.</para>

</listitem>

<listitem>
<para>En qualsevol secci titulada <quote>Agraments</quote> o <quote>Dedicatries</quote>, conserveu-ne el titol, i conserveu-hi tota l'essncia i to de cadascun dels agraments dels collaboradors i/o dedicatries que hi apareguin.</para>
</listitem>

<listitem>
<para>Consoure totes les Seccions invariables del Document del Document, sense canviar-ne els textos ni els titols. La numeraci de seccions o sistemes equivalents no es consideren part dels titols de secci.</para>
</listitem>

<listitem>
<para>Suprimiu qualsevol secci titulada <quote>Aprovacions</quote>. Aquestes seccions no es poden incloure a la Versi modificada del Document. Ni tampoc de cap altra manera que pugui entrar en conflicte amb el titol de qualsevol Secci variable.</para>
</listitem>

<listitem>
<para>Si la Versi modificada inclou noves seccions preliminars o apndixs
que es considerin seccions secundàries i no continguin material copiat del Document, si ho voleu podeu anomenar totes o algunes d'elles com invariables. Per fer-ho, afegiu-ne els tòols a la relació de secions invariables de l'avis de llicència de la Versió modificada. Aquests tòols han de ser diferents de tots els altres tòols de secció.

<p>Podeu afegir una secció titulada Aprovacions, sempre que continguin solament aprovacions de la vostra Versió modificada fetes per diverses parts; per exemple, declaracions d'experts o afirmant que el text ha estat aprovat per una organització com a definició autoritzada d'un estàndard.</p>

<p>Al final de la relació Texts de portada de la Versió modificada podeu afegir un text de fins a cinc paraules com a Text de portada. Cada entitat noms pot incloure diverses Seccions invariables amb el mateix nom, per amb continguts diferents, feu que el tòol de cada una d'elles sigui nic afegint-hi, al final i entre parèntesis, el nom de l'autor o editor original de la secció (si es coneix) o un nombre nic. Feu la mateixa operació als tòols de la secció que sn a la relació de Seccions invariables a l'avis de llicència de l'obra resultant en el seu avis de llicència.</p>

<p>Podeu combinar el Document amb altres documents publicats d'acord amb aquesta Llicència, d'acord amb els termes exposats a la secció 4, per a les versions modificades, sempre que incloueu a l'obra resultant totes les Seccions invariables de tots els documents originals, sense modificar, les relacioneu com a Seccions invariables de l'obra resultant en el seu avis de llicència. A l'obra resultant noms cal incloure una còpia d'aquesta Llicència, i diverses Seccions invariables idiètiques es poden substituir per una sola còpia. Si hi ha diverses Seccions invariables amb el mateix nom, per amb continguts diferents, feu que el títol de cadascuna d'elles sigui nic afegint-hi, al final i entre parèntesis, el nom de l'autor o editor original de la secció (si es coneix) o un nombre nic. Feu la mateixa operació als tòols de la secció que sn a la relació de Seccions invariables a l'avis de llicència de l'obra resultant.</p>

<p>A l'obra resultant podeu combinar totes les seccions titulades Històrial dels diversos documents originals, donant com a resultat una secció titulada Històrial. Combinez de la mateixa manera totes les seccions titulades Agraments i totes les titulades Dedicatries. Heu de suprimir totes les seccions titulades Aprovacions.</p>

<p>Podeu crear una recopilació que estigui formada pel Document i altres documents publicats sota aquesta Llicència, i reemplaçar les còpies individuals d'aquesta Llicència dels diversos
documents per una de sola que quedí inclosa a la recopilaci, sempre que seguiu les normes d'aquesta Llicncia pel que fa a la còpia literal de cadascun dels documents en tots els altres aspectes.</para>

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<sect1 id="fdl-section7" label="7">
<title>AGRUPAMENT AMB OBRES INDEPENDENTS</title>
<para>Una compilaci del <link linkend="fdl-document">Document</link> o els seus derivats amb altres documents o obres separades i independents, en qualsevol mena de distribució o suport d'emmagatzematge, no es t en compte com una <link linkend="fdl-modified">Versi modificada</link> del Document, sempre que no es reclami cap copyright per a la compilaci. Aquesta compilaci s'anomena un <quote>agrupament</quote> i aquesta Llicncia no s'aplica a les altres obres autocontingudes compilades amb el Document, tenint en compte que estan compilades, si no són les mateixes obres derivades del Document. Si el requeriment del <link linkend="fdl-cover-texts">Text de portada</link> de la <link linkend="fdl-section3">secció 3</link> s'aplicable a aquestes còpies del Document, i si el Document s'inferior a la quarta part de tot l'agrupament, els Textos de portada del Document es poden collocar en cobertes que encerclin solament el Document dins de l'agrupament. En cas contrari, han d'aparixir en cobertes impreses que encerclin tot l'agrupament.</para>
</sect1>

<sect1 id="fdl-section8" label="8">
<title>TRADUCCIÓ</title>
<para>La traducció es considera una mena de modificació, i, per tant, podeu distribuir traduccions del <link linkend="fdl-document">Document</link> d'acord amb els termes de la <link linkend="fdl-section4">secció 4</link>. La substitució de les <link linkend="fdl-invariant">Seccions invariables</link> per traduccions requereix un permís especial dels propietaris del copyright, per podeu incloure traduccions d'algunes o totes les Seccions invariables a més de les seves versions originals. Podeu incloure una traducció d'aquesta Llicncia sempre que també inclueu la versió original en angles d'aquesta Llicncia. En cas de desacord entre la traducció i la versió original en angles d'aquesta Llicncia, prevaldrà la versió original.</para>
</sect1>

<sect1 id="fdl-section9" label="9">
<title>CLOENDA</title>
<para>No podeu copiar, modificar, sublicenciar ni distribuir el <link linkend="fdl-document">Document</link> excepte en els casos previstos expressament per aquesta Llicncia. Qualsevol altre intent de copiar, modificar, sublicenciar o distribuir el Document serà nul i causarà la finalització immediata dels vostres drets d'acord amb aquesta Llicncia. No obstant això, les parts que hagin rebut còpies o drets a través vostre, d'acord amb aquesta Llicncia, en seguiran gaudint, ats que aquestes parts en segueixen complint els acords.</para>
</sect1>

<sect1 id="fdl-section10" label="10">
<title>REVISIONS FUTURES D'AQUESTA LlicNCIA</title>

De tant en tant, la Free Software Foundation pot publicar noves versions revisades de la Llicncia de documentació lliure de GNU. L'essència d'aquestes versions serà similar a la de la present, però poden diferir en els detalls per contemplar nous problemes o assumptes. Consulteu http://www.gnu.org/copyleft/.

Cada versió de la Llicncia té un número de versió nic; si el Document indica que s'hi aplica una determinada versió numerada d'aquesta Llicncia o qualsevol versió posterior, teniu l'opció de seguir els termes i condicions d'aquella versió o de qualsevol versió posterior que hagi estat publicada (no com a esborrany) per la Free Software Foundation. Si el Document no indica cap versió de la Llicncia, podeu escollir qualsevol versió que hagi estat publicada (no com a esborrany) per la Free Software Foundation.

Per utilitzar aquesta Llicncia en un document que hagueu escrit, incloeu-hi una epà de la Llicncia i afegiu els avisos de copyright i de llicència segons immediatament despís de la pàgina de títol.

Copyright ANY EL VOSTRE NOM.

Teniu permés per a copiar, distribuir i/o modificar aquest document, sota els termes de la Llicència de documentació lliure de GNU (GFDL), versió 1.1 o qualsevol versió publicada posteriorment per la Free Software Foundation; amb les Seccions invariables sent RELACIÓ DELS TTOLS, amb els Textos de portada sent RELACIÓ, i amb els Textos de contraportada sent RELACIÓ. S'inclou una epà de la llicència a la secció Llicència de documentació lliure de GNU.

Si no teniu Seccions invariables escriu SENSE SECCIONS INVARIABLES enlloc d'indicar quines sn invariables. Si no teniu Textos de portada escriu SENSE TEXTOS DE PORTADA enlloc de TEXTOS DE PORTADA sent RELACIÓ; de la mateixa manera per a Textos de contraportada.

Si el vostre document cont exemples no trivials de codi de programa, recomanem publicar-los de forma paral·lela sota una llicència de programari lliure, com ara la Llicència General Pblica de GNU, per permetre'n l'ús en programari lliure.
"MIME-Version: 1.0"
"Content-Type: text/plain; charset=UTF-8"
"Content-Transfer-Encoding: 8bit"
"X-Generator: KBabel 1.9.1"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:17(title)
msgid "GNU Lesser General Public License"
msgstr "    

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:19(year)
msgid "2000"
msgstr "2000"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:20(holder)
msgid "Free Software Foundation, Inc."
msgstr "  

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:23(surname)
msgid "Free Software Foundation"
msgstr "  

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:26(para)
msgid "<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth Floor</street>, <city>Boston</city>, <state>MA</state><postcode>02110-1301</postcode><country>USA</country></address>.
msgstr "<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth Floor</street>, <city>Boston</city>, <state>MA</state><postcode>02110-1301</postcode><country>USA</country></address>.

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:34(para)
msgid "Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed."
msgstr "    

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:39(releaseinfo)
msgid "Version 2.1, February 1999"
msgstr "  2.1,  1999"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:46(title)
msgid "Preamble"
msgstr "  

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:48(para)
msgid "The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users."
msgstr ""
"    ,      

"    

Open Source Used In Data Center Network Manager 11 11.5(4) 7213
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by
Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a
modified version of the Library."
msgstr ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:179(para)
msgid "The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the
difference between a "work based on the library" and a "work that uses the library". The former contains code
derived from the library, whereas the latter must be combined with the library in order to run."
msgstr ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:190(title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:193(title)
msgid "Section 0"
msgstr " 0"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:194(para)
msgid "This License Agreement applies to any software library or other program which contains a notice placed by
the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General
Public License (also called <quote>this License</quote>). Each licensee is addressed as <quote>you</quote>."
msgstr ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:202(para)
msgid "A <quote>library</quote> means a collection of software functions and/or data prepared so as to be
conveniently linked with application programs (which use some of those functions and data) to form executables."
msgstr ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:208(para)
msgid "The <quote>Library</quote>, below, refers to any such software library or work which has been distributed
under these terms. A <quote>work based on the Library</quote> means either the Library or any derivative work
under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with
modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without
limitation in the term <quote>modification</quote>.)"
msgstr ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:218(para)
msgid "<quote>Source code</quote> for a work means the preferred form of the work for making modifications to
it. For a library, complete source code means all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation and installation of the library."
msgstr ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:226(para)
msgid "Activities other than copying, distribution and modification are not covered by this License; they are outside
its scope. The act of running a program using the Library is not restricted, and output from such a program is
covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool
for writing it). Whether that is true depends on what the Library does and what the program that uses the Library
does."
You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

The modified work must itself be a software library.

You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table
used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)"

msgid ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:304(para)
msgid "These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it."

msgid ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:317(para)
msgid "Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library."

msgid ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:324(para)
msgid "In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License."

msgid ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:259(para)
msgid "You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions: <placeholder-1/>"

msgid ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:337(title)
msgid "Section 3"

msgid " 3"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:339(para)
msgid "You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices."

msgid ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:350(para)
msgid "Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy."

msgid ""
This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a work that uses the Library. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a work that uses the Library with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a work that uses the library. The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a work that uses the Library uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.
msgid "If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place."
msgid ""
#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:501(para)
msgid "Verify that the user has already received a copy of these materials or that you have already sent this user a copy."
msgid ""
#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:447(para)
msgid "You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things: <placeholder-1/>"
msgid ""
#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:509(para)
msgid "For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable."
msgid ""
#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:520(para)
msgid "It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute."
msgid ""
#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:531(title)
msgid "Section 7"
msgid " 7"
#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:533(para)
msgid "You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:"　
msgid ""
#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:544(para)
msgid "Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above."　
msgid ""
#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:552(para)
msgid "Give prominent notice with the combined library of the fact that part of it is a work based on the Library,"　
and explaining where to find the accompanying uncombined form of the same work.

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:562(title)
msgid "Section 8"
msgstr "8"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:564(para)
msgid "You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance."
msgstr ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:576(title)
msgid "Section 9"
msgstr "9"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:578(para)
msgid "You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it."
msgstr ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:591(title)
msgid "Section 10"
msgstr "10"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:593(para)
msgid "Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License."
msgstr ""

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:605(title)
msgid "Section 11"
msgstr "11"

#: /tmp/doc-l10n/cvs/desktop-lgpl.HEAD/C/lgpl.xml:607(para)
msgid "If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit
royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library."

msgid "If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances."

msgid "It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice."

msgid "This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License."

msgid "If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License."

msgid "The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns."

"         /            "
"      ,      ,        "
"         ,         ,   "
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Edonork egin eta banatu ditzake lizentzia-dokumentu honen kopia literalak, baina debekatuta dago dokumentuan aldaketak egitea.</div>

</legalnotice>

</releaseinfo>

<articleinfo>

<abstract role="description"><para>Softwarea partekatzeko eta aldatzeko askatasuna kentzeko diseinatuta daude software-lizentzia gehienak. Aitzitik, software libre partekatu eta aldatzeko duzun askatasuna bermatzea da GNU Lizentzia Publiko Orokorren xedea, hau da, software erabiltzaile guztiak libre izango dela ziurtatzea. </para></abstract>

</articleinfo>

<sect1 id="preamble" label="none">

<title>Aitzinsolasa</title>


<para>Software libreaz hitz egiten dugunean, askatasunari buruz ari gara, eta ez prezioari buruz. Gure Lizentzia Publiko Orokorren xedea da software librearen kopiarik banatzeko (eta, nahi izanez gero, zerbitzu horregatik kobratzeko) askatasuna duzula ziurtatzea, iturburu-kodea jasoko duzula edo, nahi izanez gero, hartzeko aukera duzula bermatzea, softwarea aldatzeko edo software zatiak beste programa libre berri batzuetan erabiltzeko eskubidea duzula segurtatzea eta gauza horiek egin ditzakezula jakinaraztea.</para>

<para>Zure eskubideak babesteko, norbaitek zurri eskubide hauke ukatzea edo eskubide horiei uko eginaraztea debekatzeko eta eragotzeko mugak jarri behar ditugu. Mugaketa horien ondorioz, softwarea aldatu edo kopiak banatzeko badituzu, zenbait erantzukizun hartuko dituzu zure gain.</para>

<para>Adibidez, horrelako programa baten kopiak banatzen badituzu, bai doan eta bai kuota baten truke, zuk dituzun eskubide guztiak eman behar dizkiezu hartzailiei. Beraiek ere iturburu-kodea jasotzen dutela edo jaso dezaketela ziurtatu behar duzu. Eta baldintza hauek erakutsi behar dizkiezu, zer eskubide dituzten jakin dezaten.</para>

<para>We protect your rights with two steps:</para>

<orderedlist numeration="arabic">

<listitem>

<para></para>

</listitem>

</orderedlist>

</sect1>
copyright the software, and
</para>
</listitem>
</listitem>

<para>
offer you this license which gives you legal permission to copy,
distribute and/or modify the software.
</para>
</listitem>
</orderedlist>
</para>

<para>Horrez gainera, egile oro eta geure burua babestearren, ziurtatu nahi dugu jende guztiak ulertzen duela software libre honek ez duela inolako bermerik. Norbaitek softwarea aldatu eta beste bati pasatzen bario,
hartzaileak, berak jaso duena ez dela jatorrizkoa jakitea nahi dugu, besteen eraginez sortzen diren arazoek kalterik egin ez diezaioten jatorrizkoaren egilearen ospe edo izen onari.</para>

<para>Azkenik, aipatu beharrekoa da software-patenteek etengabe mehatxu egiten diotela edozein programa liberi. Programa libre baten birbanatzaileen patente-lizentziak banaka eskuratua eta, ondorioz, programaren jabe egitearen arriskua ekidin nahi dugu. Hori gerta ez dadin, argi utzi dugu patente guztiak edonork askatasun ez erabiltzeko lizentzia izan behar dutela, edo, bestela, inongo lizentziarik ez.</para>

<para>Software kopiatzeko, banatzeko eta aldatzeko zehatzak dituztu jarraian:</para>

<sect1 id="terms" label="none">
<title>KOPIATZEKO, BANATZEKO ETA ALDATZEKO BALDINTZAK</title>

<sect2 id="sect0" label="0">
<title>0 atala</title>


<para>Lizentzia honi dagozkion jarduera bakarrak kopiatzea, banatzea eta aldatzea dira; bestelako jarduerak lizentzia honen esparrutik kanko daude. Programa exekutatzea ez dago mugatuta, eta Programaren emaitza estaltzen da edukia Programan oinarritutako lana bada soilik (Programa exekutatuz egina izan edo ez). Egia den edo ez, programak egiten duenaren araberakoa da.</para>

<sect2 id="sect1" label="1">
<title>1. atala</title>
You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

Honela, beraz, atal honen xedea ez da zuk osoki idatzitako lanaren eskubidea eskatu edo exijitzea, baizik eta Programan oinarritutako lan eratorrren edo talde-lanen banaketa kontrolatzeko eskubidea baliatzea.

Horrez gainera, Programari (edo programan oinarritutako lan bati) Programan oinarritu gabeko beste lan bat gehitzen bazaio biltzi-bolumen batean edo banaketarako euskarri batean, gehitze hutsarengatik beste lan hori ez da sartuko Lizentzia honen esparruan.
Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)


Exekutagarri edo objektu-kodeen banaketa xede horretarako zehaztutako leku leku batetik kopiatzeko sarbidea eskainiz egiten bada, leku beretik iturburu-kodea kopiatzeko sarbide baliokidea eskaintzea iturburu-kodearen banaketa gisa hartzen da, nahiz eta hirugarren alderdiak ez dauden behartuta objektu-kodearekin batera iturburu kopiatzena.


Programa (edo Programan oinarritutako edozein lan) birbanatzen duzun bakoitzean, hartzailak automatikoki jasotzen du jatorrizko lizentzia-emailearengandik Programa kopiatu, banatu edo aldatzeko lizentzia, baldintza hauetan. Hemen ematen diren eskuibideei dagokienek, ezin diozu bestelako murriztapenik ezarri hartzailera. Ez da zure ardura hirugarren lizentzia hau betearaztea.</p>

EPAITEGI-EBAZPEN BATEN ONDORIO EDU PATENTE-ESKUBEIDEA URRATU DELA DIOEN SALAKETA BATEN ONDORIOZ, EDO Beste edozein arrazoirengatik (ez bakarrik patente-gaiei dagokiiena) Lizentzia honen baldintzekin bat ez datozen baldintzak ezartzen bazaikizuzu, ez zara Lizentzia honen baldintzak bete beharretik libratuko. Ezinezkoa bazaiztu Lizentzia honetako baldintzak eta dagozkion beste betebehar batzuk betez banatzea, ezingo duzu Programa inola ere banatu. Adibidez, patente-lizentzia batek ez balu onartuko zure bitartez zuzenean edo zeharka kopiatzeko jasotzen dituztenek Programa egile-eskubiderik gabe birbanatzea, Programa ez banatzea litzateke bai patentea, bai Lizentzia hau betetzeko modu bakarra.</p>

EPAITEGI-EBAZPEN BATEN ONDORIO EDU PATENTE-ESKUBEIDEA URRATU DELA DIOEN SALAKETA BATEN ONDORIOZ, EDO Beste edozein arrazoirengatik (ez bakarrik patente-gaiei dagokiiena) Lizentzia honen baldintzekin bat ez datozen baldintzak ezartzen bazaikizuzu, ez zara Lizentzia honen baldintzak bete beharretik libratuko. Ezinezkoa bazaiztu Lizentzia honetako baldintzak eta dagozkion beste betebehar batzuk betez banatzea, ezingo duzu Programa inola ere banatu. Adibidez, patente-lizentzia batek ez balu onartuko zure bitartez zuzenean edo zeharka kopiatzeko jasotzen dituztenek Programa egile-eskubiderik gabe birbanatzea, Programa ez banatzea litzateke bai patentea, bai Lizentzia hau betetzeko modu bakarra.</p>

Zenbait herrialdetan Programaren banaketa edo/eta erabilera mugatzen baldin badute patenteen edo copyright-dun interfazeen bidez, jatorrizko copyrighta duenak geografikoki mugatu ahal izango du banaketa herrialde horiek kanpoan uzteko, era horretan baztertu gabeko herrialdeetan edo herrialdeen artean soilik egin dadin banaketa. Halako kasuetan, mugaketa hori Lizentzia honetan sartuta geratuko da, Lizentziaren gorputzean idatzita egongo balitz bezala.</p>


Legako aplikagarria edo idatziz jasotako borondatezko akordio batek hal a eskatzen duelako ez bada, ezin izango diozu jabetza intelektualaren eskubideunari edo goian baimentzen den bezala programa birbanatu edo alda dezaekin beste alderdi batzuei erantzukizunik eskatua ez kalteengatik, ez programaren erabileraren edo erabiltzeko ezgaitasunaren ondorioz sor daitezkeen kalte orokor, berezi, gehigarri edo ondoriozkoengatik (bestekoa beste, datuak galtzea edo hondatzea, edo zuk edo beste norbaitek jasandako galera, edo beste programekin lan egiteko programaren huts egiteren bat), nahiz eta eskubideunari edo beste norbait horri kalteak izan litezekela aurretik abisatu izan.
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Markup by Eric Baudais <baudais@okstate.edu>
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</para>

<para>
The precise terms and conditions for copying, distribution and modification follow.
</para>

</sect1>

<sect1 id="terms" label="none">
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<sect2 id="sect0" label="0">
<title>0</title>
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</para>

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</para>
</sect2>

<sect2 id="sect1" label="1">
<title>1</title>
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</para>
</sect2>

<para>

</para>
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You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

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You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

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If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property
right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.
If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

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Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

"Se permite la copia y distribución de copias literales de este documento, pero no se permite su modificación."
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"compartir y modificar software libre, para asegurar que el software es libre "
"para todos sus usuarios. "

#: C/index.docbook:67(sect1/title)
msgid "Preamble"
msgstr "Prembulo"

#: C/index.docbook:69(sect1/para)
msgid ""
msgstr ""
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public License is intended "
"to guarantee your freedom to share and change free software - to make sure "
"the software is free for all its users. This General Public License applies "
"to most of the Free Software Foundation's software and to any other program "
"whose authors commit to using it. (Some other Free Software Foundation "
"software is covered by the GNU Library General Public License instead.) You "
"can apply it to your programs, too."
msgstr ""
"Las licencias que cubren la mayor parte del software estn diseadas para "
"quitarle a usted la libertad de compartirlo y modificarlo. Por el contrario, "
"la Licencia Pblica General de GNU pretende garantizarle la libertad de "
"compartir y modificar software libre, para asegurar que el software es libre "
"para todos sus usuarios. Esta Licencia Pblica General se aplica a la mayor "
"parte del software del la Free Software Foundation y a cualquier otro "
"programa si sus autores se comprometen a utilizarla. (Existe otro software "
"de la Free Software Foundation que est cubierto por la Licencia Pblica "
"General de GNU para Bibliotecas). Si quiere, tambin puede aplicarla a sus "
"propios programas."

#: C/index.docbook:81(sect1/para)
msgid ""
msgstr ""
"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."
msgstr ""
"Cuando hablamos de software libre, estamos refirindonos a libertad, no a "
"precio. Nuestras Licencias Pblicas Generales estn diseadas para "
"asegurarnos de que tenga la libertad de distribuir copias de software libre "
"(y cobrar por ese servicio si quiere), de que reciba el cdigo fuente o que "
"pueda conseguirlo si lo quiere, de que pueda modificar el software o usar "
"fragmentos de l en programas nuevos libres, y de que sepa que puede hacer "
"todas estas cosas."

#: C/index.docbook:90(sect1/para)
msgid ""
"To protect your rights, we need to make restrictions that forbid anyone to "
"deny you these rights or to ask you to surrender the rights. These "
"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it."

msgstr ""

"Para proteger sus derechos necesitamos algunas restricciones que prohban a "
"cualquiera negarle a usted estos derechos o pedirle que renuncie a ellos. "
"Estas restricciones se traducen en ciertas obligaciones que le afectan si "
"distribuye copias del software, o si lo modifica."

#: C/index.docbook:97(sect1/para)
msgid ""
msgstr ""

"For example, if you distribute copies of such a program, whether gratis or "
"for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights."

msgstr ""

"Por ejemplo, si distribuye copias de uno de estos programas, sea "
"gratuitamente, o a cambio de una contraprestación, debe dar a los receptores "
"todos los derechos que tiene. Debe asegurarse de que ellos también reciban, "
"o pueden conseguir, el código fuente. Y debe mostrarles estas condiciones de "
"forma que conozcan sus derechos."

#: C/index.docbook:109(listitem/para)
msgid "copyright the software, and"
msgstr "Derechos de copia del software (copyright), y "

#: C/index.docbook:114(listitem/para)
msgid ""
msgstr ""

"offer you this license which gives you legal permission to copy, distribute "
"and/or modify the software."

msgstr ""

"Le ofrecemos esta licencia, que le da permiso legal para copiar, distribuir "
"y/o modificar el software."

#: C/index.docbook:104(sect1/para)
msgid "We protect your rights with two steps: <placeholder-1/>"
msgstr "Protegemos sus derechos en dos pasos: <_:orderedlist-1/>"

#: C/index.docbook:122(sect1/para)
msgid ""

"Also, for each author's protection and ours, we want to make certain that "
"everyone understands that there is no warranty for this free software. If "
"the software is modified by someone else and passed on, we want its "
"recipients to know that what they have is not the original, so that any "
"problems introduced by others will not reflect on the original authors' "
"reputations."
"También, para la protección de cada autor y la nuestra propia, queremos "
"asegurarnos de que todo el mundo comprende que no se proporciona ninguna "
"garantía para este software libre. Si el software se modifica por cualquiera "
"y té a su vez lo distribuye, queremos que sus receptores sepan que lo que "
"tienen no es el original, de forma que cualquier problema introducido por "
"otros no afecte a la reputación de los autores originales."

"Finally, any free program is threatened constantly by software patents. We "
"wish to avoid the danger that redistributors of a free program will "
"individually obtain patent licenses, in effect making the program "
"proprietary. To prevent this, we have made it clear that any patent must be "
"licensed for everyone's free use or not licensed at all."

"The precise terms and conditions for copying, distribution and modification "
"follow."

"This License applies to any program or other work which contains a notice "
"placed by the copyright holder saying it may be distributed under the terms "
"of this General Public License. The <quote>Program</quote>, below, refers to "
"any such program or work, and a <quote>work based on the Program</quote> "
"means either the Program or any derivative work under copyright law: that is "
"to say, a work containing the Program or a portion of it, either verbatim or "
"with modifications and/or translated into another language. (Hereinafter,"
This document contains the following text:

"You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program."
"adecuado y un repudio de garanta, mantenga intactos todos los anuncios que "
"se refieran a esta Licencia y a la ausencia de garanta, y proporcione a "
"cualquier otro receptor del programa una copia de esta Licencia junto con "
"el Programa."

#: C/index.docbook:183(sect2/para)
msgid ""
"You may charge a fee for the physical act of transferring a copy, and you "
"may at your option offer warranty protection in exchange for a fee."
msgstr ""
"Puede cobrar un precio por el acto físico de transferir una copia, y puede, "
"según su libre albedrío, ofrecer garantía a cambio de unos honorarios."

#: C/index.docbook:190(sect2/title)
msgid "Section 2"
msgstr "Sección 2"

#: C/index.docbook:199(listitem/para)
msgid ""
"You must cause the modified files to carry prominent notices stating that "
"you changed the files and the date of any change."
msgstr ""
"Debe hacer que los ficheros modificados lleven anuncios prominentes "
"indicando que los ha cambiado y la fecha de cualquier cambio."

#: C/index.docbook:205(listitem/para)
msgid ""
"You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of "
"this License."
msgstr ""
"Debe hacer que cualquier trabajo que distribuya o publique y que en todo o "
"en parte contenga o sea derivado del Programa o de cualquier parte de él sea "
"licenciado como un todo, sin cargo alguno, a todas las terceras partes y "
"bajo los términos de esta Licencia."

#: C/index.docbook:223(note/title)
msgid "Exception:"
msgstr "Excepción:"

#: C/index.docbook:224(note/para)
msgid ""
"If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."
msgstr ""
"Si el propio Programa es interactiva pero normalmente no muestra ese "
If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

Puede modificar su copia o copias del Programa o de cualquier porción de él, formando de esta manera un trabajo basado en el Programa, y copiar y distribuir esa modificación o trabajo bajo los términos de la Sección 1 anterior, probado que además usted cumpla con
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
Section 3

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Acompaarlo con el código fuente leble completo correspondiente, leble por "mquinas, que debe ser distribuido segn un" los trminos las Sections 1 y 2 mencionadas antes en un medio habitualmente utilizado "para el intercambio de software, o,"

Acompaarlo con una oferta por escrito, vlida durante al menos tres aos. "de proporcionar a cualquier tercera parte una copia completa en formato "electrónico del código fuente correspondiente, a un coste no mayor que el de "realizar fisicamente la distribucin del fuente, que ser distribuido bajo "las condiciones descritas en los apartados 1 y 2 anteriores, en un medio "habitualmente utilizado para el intercambio de programas, o"

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Acompaarlo con la informacin que recibiste ofreciendo distribuir el cdigo "fuente correspondiente. (Esta opcin se permite slo para distribucin no "comercial y slo si usted recib el programa como cdigo objeto o en "formato ejecutable con tal oferta, de acuerdo con la Subseccin b anterior)."
You may copy and distribute the Program (or a work based on it, under "the terms of " linkend="sect1">Sections 1</link> and "linkend="sect2">Section 2</link> above provided that you also do one of the following: <_:orderedlist-1/>

Puede copiar y distribuir el Programa (o un trabajo basado en él, según se "especifica en la " linkend="sect1">Sección 1</link>, como código "objeto o en formato ejecutable según los términos de las " linkend="sect2">Secciones 2</link> anteriores, "supuesto que además cumpla una de las siguientes condiciones: <_:orderedlist-1/>

The source code for a work means the preferred form of the work for making "modifications to it. For an executable work, complete source code means all "the source code for all modules it contains, plus any associated interface "definition files, plus the scripts used to control compilation and "installation of the executable. However, as a special exception, the source "code distributed need not include anything that is normally distributed (in "either source or binary form) with the major components (compiler, kernel, "and so on) of the operating system on which the executable runs, unless that "component itself accompanies the executable.

If distribution of executable or object code is made by offering access to "copy from a designated place, then offering equivalent access to copy the "source code from the same place counts as distribution of the source code, "even though third parties are not compelled to copy the source along with "
the object code."
msgid ""
msgstr ""

"Si la distribución del ejecutable o del código objeto se hace mediante la"
"oferta acceso para copiarlo de un cierto lugar, entonces se considera la"
"oferta de acceso para copiar el código fuente del mismo lugar como"
"distribución del código fuente, incluso aunque terceras partes no estén"
"forzadas a copiar el fuente junto con el código objeto."

#: C/index.docbook:316(sect2/title)
msgid "Section 4"
msgstr "Sección 4"

#: C/index.docbook:318(sect2/para)
msgid ""
msgstr ""

"You may not copy, modify, sublicense, or distribute the Program except as"
"expressly provided under this License. Any attempt otherwise to copy,"
"modify, sublicense or distribute the Program is void, and will automatically"
"terminate your rights under this License. However, parties who have received"
"copies, or rights, from you under this License will not have their licenses"
"terminated so long as such parties remain in full compliance."
msgid ""
msgstr ""

"No puede copiar, modificar, sublicenciar o distribuir el Programa excepto"
"como prevé expresamente esta Licencia. Cualquier intento de copiar,"
"modificar sublicenciar o distribuir el Programa de otra forma no es válida,"
"y harán cesar automáticamente los derechos que te proporciona esta"
"Licencia. En cualquier caso, las partes que hayan recibido copias o derechos"
"de usted bajo esta Licencia no cesarán en sus derechos mientras esas partes"
"continen cumpliéndola."

#: C/index.docbook:328(sect2/title)
msgid "Section 5"
msgstr "Sección 5"

#: C/index.docbook:330(sect2/para)
msgid ""
msgstr ""

"You are not required to accept this License, since you have not signed it."
"However, nothing else grants you permission to modify or distribute the"
"Program or its derivative works. These actions are prohibited by law if you"
"do not accept this License. Therefore, by modifying or distributing the"
"Program (or any work based on the Program), you indicate your acceptance of"
"this License to do so, and all its terms and conditions for copying,"
"distributing or modifying the Program or works based on it."
msgid ""
msgstr ""

"No est obligado a aceptar esta licencia, ya que no la ha firmado. Sin"
"embargo, no hay nada que le proporcione permiso para modificar o"
"distribuir el Programa o sus trabajos derivados. Estas acciones estn"
"prohibidas por la ley si no acepta esta Licencia. Por lo tanto, si modifica"
"o distribuye el Programa (o cualquier trabajo basado en el Programa), est"
indicando que acepta esta Licencia para poder hacerlo, y todos sus términos "
y condiciones para copiar, distribuir o modificar el Programa o trabajos "
"basados en 1."

#: C/index.docbook:341(sect2/title)
msgid "Section 6"
msgstr "Sección 6"

#: C/index.docbook:343(sect2/para)
msgid ""
"Each time you redistribute the Program (or any work based on the Program), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute or modify the Program subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients' "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties to this License."
msgstr ""
"Cada vez que redistribuya el Programa (o cualquier trabajo basado en él) "
"Programa), el receptor recibe automáticamente una licencia del "
"licenciador original para copiar, distribuir o modificar el Programa, de "
"forma sujeta a estos términos y condiciones. No puede imponer al receptor "
"ninguna restricción sobre el ejercicio de los derechos aquí "
"garantizados. No es usted responsable de hacer cumplir esta licencia por "
"terceras partes."

#: C/index.docbook:353(sect2/title)
msgid "Section 7"
msgstr "Sección 7"

#: C/index.docbook:355(sect2/para)
msgid ""
"If, as a consequence of a court judgment or allegation of patent "
"infringement or for any other reason (not limited to patent issues), "
"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
"excuse you from the conditions of this License. If you cannot distribute so "
"as to satisfy simultaneously your obligations under this License and any "
"other pertinent obligations, then as a consequence you may not distribute "
"the Program at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Program by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Program."
msgstr ""
"Si como consecuencia de una resolución judicial o de una alegación de "
"infracción de patente o por cualquier otra razón (no limitada a asuntos "
"relacionados con patentes) se le imponen condiciones (ya sea por mandato "
"judicial, por acuerdo o por cualquier otra causa) que contradigan las "

condiciones de esta Licencia, ello no le exime de cumplir las condiciones de 
"esta Licencia. Si no puede realizar distribuciones de forma que se 
"satisfagan simultáneamente sus obligaciones bajo esta licencia y cualquier 
"otra obligación pertinente entonces, como consecuencia, no puede distribuir 
"el Programa de ninguna forma. Por ejemplo, si una patente no permite la 
"redistribución libre de derechos de autor del Programa por parte de todos 
"aquéllos que reciban copias directa o indirectamente a través de usted, 
"entonces la nica forma en que podrá satisfacer tanto esa condición como 
"esta Licencia será evitar completamente la distribución del Programa."

"Si cualquier porción de este apartado se considera no válida o imposible de 
"cumplir bajo cualquier circunstancia particular ha de cumplirse el resto y 
"la sección por entero ha de cumplirse en cualquier otra circunstancia."

"No es el propósito de este apartado inducirle a infringir ninguna 
"reivindicación de patente ni de ningún otro derecho de propiedad o impugnar 
"la validez de ninguna de dichas reivindicaciones. Este apartado tiene el 
"nico propósito de proteger la integridad del sistema de distribución de 
"software libre, que se realiza mediante prácticas de licencia pública. Mucha 
"gente ha hecho contribuciones generosas a la gran variedad de software 
"distribuido mediante este sistema con la confianza de que el sistema se 
"aplicar consistentemente. Ser el autor/donante quien decida si quiere 
"distribuir software mediante cualquier otro sistema y una licencia no puede 
"imponer esa elección."

"This section is intended to make thoroughly clear what is believed to be a " 
"consequence of the rest of this License."
"Este apartado pretende dejar completamente claro lo que se cree que es una "
"consecuencia del resto de esta Licencia."

#: C/index.docbook:390(sect2/title)
msgid "Section 8"
msgstr "Seccin 8"

#: C/index.docbook:392(sect2/para)
msgid ""
"If the distribution and/or use of the Program is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Program under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded. "
"In such case, this License incorporates the limitation as if written in the "
"body of this License."
msgstr ""
"Si la distribucin y/o uso de el Programa est restringida en ciertos "
"pases, bien por patentes o por interfaces bajo copyright, el tenedor del "
"copyright que coloca este Programa bajo esta Licencia puede aadir una "
"limitacin explcita de distribucin geogrfica excluyendo esos pases, de "
"forma que la distribucin se permita slo en o entre los pases no excluidos "
"de esta manera. En ese caso, esta Licencia incorporar la limitacin como si "
"estuviese escrita en el cuerpo de esta Licencia."

#: C/index.docbook:402(sect2/title)
msgid "Section 9"
msgstr "Seccin 9"

#: C/index.docbook:404(sect2/para)
msgid ""
"The Free Software Foundation may publish revised and/or new versions of the "
"General Public License from time to time. Such new versions will be similar "
"in spirit to the present version, but may differ in detail to address new "
"problems or concerns."
msgstr ""
"La Free Software Foundation puede publicar versiones revisadas y/o nuevas de "
"la Licencia Pblica General de tiempo en tiempo. Dichas nuevas versiones "
"sern similares en espritu a la presente versin, pero pueden ser "
"diferentes en detalles para considerar nuevos problemas o situaciones."

#: C/index.docbook:410(sect2/para)
msgid ""
"Each version is given a distinguishing version number. If the Program "
"specifies a version number of this License which applies to it and "
"<quote>any later version</quote>, you have the option of following the terms "
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#: C/index.docbook:420(sect2/title)
msgid "Section 10"
msgstr "Secci\'on 10"

#: C/index.docbook:422(sect2/para)
msgid ""
msgstr ""

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msgid "NO WARRANTY"
msgstr "AUSENCIA DE GARANTA"

#: C/index.docbook:433(sect2/subtitle)
msgid "Section 11"
msgstr "Secci\'on 11"

#: C/index.docbook:435(sect2/para)
msgid ""
msgstr ""

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#: C/index.docbook:446(sect2/title)
msgid "Section 12"
msgstr "Seccion 12"

#: C/index.docbook:448(sect2/para)
msgid """
msgstr """

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#~ msgid "2000"
#~ msgstr "2000"

#~ msgid "2"
#~ msgstr "2"
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</para>
</sect1>

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</para>

<para>
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</para>

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"<quote>you</quote>.,"

msgid " GNU (, <quote>GFDL</quote> .) . <quote>(, document) . <quote></quote> ."

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msgid ""

" <quote>(, modified version) "
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#: ./C/fdl.xml:114(para)
msgid ""

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"section of the <link linkend="fdl-document">Document</link> that deals "
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"contains nothing that could fall directly within that overall subject. (For "
"example, if the Document is in part a textbook of mathematics, a Secondary "
"Section may not explain any mathematics.) The relationship could be a matter "
"of historical connection with the subject or with related matters, or of "
"legal, commercial, philosophical, ethical or political position regarding "
"them."

msgid ""

"<link linkend="fdl-document"></link> <quote>2</quote> (, secondary section) ( "
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msgid ""
"<link linkend="fdl-title-page">"
"<link linkend="fdl-modified">"
"<link linkend="fdl-title-page">" ."

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msgid ""
"Preserve all the copyright notices of the Document." 

msgid ""
"Add an appropriate copyright notice for your modifications adjacent to the " 
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msgid ""
"Include, immediately after the copyright notices, a license notice giving " 
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"Addendum below." 

msgid ""
", "<link linkend="fdl-modified">" 

#: ../C/fdl.xml:340(para)
msgid ""
"Preserve in that license notice the full lists of Invariant Sections and required Cover Texts given in the Document's license notice." 

msgid ""
"<link linkend="fdl-document">" 
"<link linkend="fdl-invariant">" 
"<link linkend="fdl-cover-texts">" 

#: ../C/fdl.xml:350(para)
msgid "Include an unaltered copy of this License."
msgstr "      ."

#: ../C/fdl.xml:356(para)
msgid "" msgstr ""
"Preserve the section entitled <quote>History</quote>, and its title, and add "
"to it an item stating at least the title, year, new authors, and publisher "
"of the <link linkend="\"fdl-modified\">Modified Version</link> as given on "
"the <link linkend="\"fdl-title-page\">Title Page</link>. If there is no "
"section entitled <quote>History</quote> in the <link linkend="\"fdl-document"" />
"<link linkend="\"fdl-document"></link> , create one stating the title, year, authors, and "
"publisher of the Document as given on its Title Page, then add an item "
"describing the Modified Version as stated in the previous sentence."
msgstr ""
"<quote></quote>(, history) "
"      <link linkend="\"fdl-modified\"></link> "
"      , , ,      , ,    <link linkend="\"fdl-title-page"" />
"      </link>    .<link "
"linkend="\"fdl-document\"> <link <quote></quote> "
"      , , ,    "
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#: ../C/fdl.xml:372(para)
msgid "" msgstr ""
"Preserve the network location, if any, given in the <link linkend="\"fdl-""
"documentation"></link> for public access to a <link linkend="\"fdl-""
"transparent"></link> copy of the Document, and likewise the "
"network locations given in the Document for previous versions it was based "
"on. These may be placed in the <quote>History</quote> section. You may omit "
"a network location for a work that was published at least four years before "
"the Document itself, or if the original publisher of the version it refers "
"to gives permission."
msgstr ""
"      <link linkend="\"fdl-transparent\"> </link> "
"      <link linkend="\"fdl-document\"> </link> "
"      ,     , 4     "
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#: ../C/fdl.xml:387(para)
msgid "" msgstr ""
"In any section entitled <quote>Acknowledgements</quote> or "
"<quote>Dedications</quote>, preserve the section's title, and preserve in "
"the section all the substance and tone of each of the contributor "
"acknowledgements and/or dedications given therein."
msgid ""
""(acknowledgements) "quote</quote>" 
"(dedications) "quote</quote>"
"->"
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#: ../C/fdl.xml:397(para)
msgid ""
"Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> of the <link linkend="fdl-document">Document</link>, unaltered in their "text and in their titles. Section numbers or the equivalent are not "considered part of the section titles." 
msgstr ""
"<link linkend="fdl-document"> </link> <link linkend="fdl-invariant"> </link> . (chapter) (section) "="
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#: ../C/fdl.xml:407(para)
msgid ""
"Delete any section entitled <quote>Endorsements</quote>. Such a section may "not be included in the <link linkend="fdl-modified">Modified Version</link>." 
"link>." 
msgstr ""
"<quote></quote>(endorsements) <link linkend="fdl-modified"> </link> . "
"="
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#: ../C/fdl.xml:416(para)
msgid "" 
"Do not retitle any existing section as <quote>Endorsements</quote> or to "conflict in title with any <link linkend="fdl-invariant">Invariant "Sections</link>." 
"link>." 
msgstr ""
"<quote></quote>" 
"<link linkend="fdl-invariant"> </link> "
"="
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#: ../C/fdl.xml:425(para)
msgid ""
"If the <link linkend="fdl-modified">Modified Version</link> includes new "front-matter sections or appendices that qualify as <link linkend="fdl-secondary">Secondary Sections</link> and contain no material copied from "the Document, you may at your option designate some or all of these sections "as invariant. To do this, add their titles to the list of <link linkend="fdl-invariant">Invariant Sections</link> in the Modified Version's "license notice. These titles must be distinct from any other section titles." 
msgstr ""
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msgstr"

"<link linkend="fdl-document"></link> () ()

"<link linkend="fdl-modified"></link>"

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"   ."

#: ../C/fdl.xml:473(title)
msgid "COMBINING DOCUMENTS"
msgstr ""

#: ../C/fdl.xml:474(para)
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msgstr"

"<link linkend="fdl-section4"></link>4</link>"  

"<link linkend="fdl-document"></link>"  

"link> . , 

"<link linkend="fdl-invariant"></link>"  

"link> "  

" ."

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msgid "The combined work need only contain one copy of this License, and multiple identical <link linkend="fdl-invariant">Invariant Sections</link> may be replaced with a single copy. If there are multiple Invariant Sections with the same name but different contents, make the title of each such section unique by adding at the end of it, in parentheses, the name of the original author or publisher of that section if known, or else a unique number. Make the same adjustment to the section titles in the list of Invariant Sections in the license notice of the combined work."

msgstr"

"I "  

"<link linkend="fdl-invariant"></link> "  

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"and with the <link linkend=""fdl-cover-texts">Back-Cover Texts</link> being "

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msgid ""
"GNU 1.1 " 
"" <link linkend="fdl-invariant"> </link> <quote>xxx</quote>"
" <link linkend="fdl-cover-texts"> </link> <quote>xxx</quote>, <link linkend="fdl-cover-texts"> </link> <quote>xxx</quote>. <quote>GNU </quote> "quote> ."

#: ../C/fdl.xml:640(para)
msgid ""
"If you have no <link linkend="fdl-invariant">Invariant Sections</link>, "
"write <quote>with no Invariant Sections</quote> instead of saying which ones "
"are invariant. If you have no <link linkend="fdl-cover-texts">Front-Cover "
"Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "
"<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend="" "fname="f"d"l-cover-texts"> </link> "fname="Back-Cover Texts</link>."

msgid ""
"" <link linkend="fdl-invariant"> </link> "quote> "
".<quote> "
"</quote> <quote> </quote> ."

#: ../C/fdl.xml:650(para)
msgid ""
"If your document contains nontrivial examples of program code, we recommend "
"releasing these examples in parallel under your choice of free software "
"license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/"
"gpl.html"> GNU General Public License</ulink>, to permit their use in free "
"software."

msgid ""
". <ulink type="http" url="http://korea.gnu.org/people/chsong/copyleft/gpl.ko.html">GNU "
" </ulink> "
"
"

#. Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.

msgid "translator-credits"
msgstr ""
" <cwryu@debian.org>, 2007."

<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE article PUBLIC "-/OASIS//DTD DocBook XML V4.1.2//EN" "http://www.oasis-open.org/docbook/xml/4.1.2/docbookx.dtd">
The GNU Public License 2 in DocBook
Markup by Eric Baudais <baudais@okstate.edu>
Maintained by the GNOME Documentation Project
http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Feb. 5, 2001

<abstract role="description">
Todos estes permitidos a copiar e distribuir cópias literais deste documento de licença, porm a mudança do
mesmo não permitida.</abstract>

<legalnotice id="gpl-legalnotice">
Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor
Boston, MA 02110-1301
USA
</legalnotice>

 Versão 2.1, Fevereiro de 1999

As licenças para a maioria dos softwares são desenvolvidas para tirarem sua
liberdade de compartilhá-lo e mudá-lo. Opostamente, as Licenças Públicas Gerais GNU são designadas para garantir sua
liberdade de compartilhar e mudar software livre - para garantir que o software livre para todos os seus
usuários. 

<releaseinfo>Versão 2.1, Fevereiro de 1999</releaseinfo>

As licenças para a maioria dos softwares são desenvolvidas para tirarem sua
liberdade de compartilhá-lo e mudá-lo. Opostamente, as Licenças Públicas Gerais GNU são designadas para garantir sua
liberdade de compartilhar e mudar software livre - para garantir que o software livre para todos os seus
usuários.

<othercredit class="translator">
Marcelo Rodrigues
marcelopires@mmsantos.com.br
</othercredit>
As licenças para a maioria dos softwares são desenvolvidas para tirar sua liberdade de compartilhá-los e mudá-los. Ao contrário, as Licenças Públicas GNU têm como intenção garantir sua liberdade de compartilhar e modificar software livre—para assegurar que o software livre para todos os usuários.

Quando falamos software livre, estamos nos referindo a liberdade, não ao preço. Nossas Licenças Públicas Gerais são desenvolvidas para assegurar que você tenha a liberdade de distribuir cópias de software livre (e cobrar por este serviço se você desejar), que você receba o código-fonte ou possa receber se desejar, que você possa modificar o software ou usar partes dele em novos programas livres; e que você saiba que pode fazer tais coisas.

Esta licença, a Licença Púbrica Geral Branda (Lesser General Public License), se aplica a pacotes de software especialmente designados—tipicamente bibliotecas—da Free Software Foundation e outros autores que decidiram usá-la. Você pode usá-la também, mas sugerimos que você primeiro pense cuidadosamente se esta licença ou a General Public License normal a melhor estratégia para utilizar em qualquer caso específico, baseado nas explicações abaixo.

Quando falamos software livre, estamos nos referindo a liberdade de uso, não ao preço. Nossas licenças públicas gerais são desenvolvidas para assegurar que você tenha a liberdade de distribuir cópias de software livre (e cobrar por este serviço se desejar); que você receba o código-fonte ou possa acess-lo se quiser; que você possa mudar o software ou usar partes dele em novos programas livres; e que você seja informado que você pode fazer estas coisas.

Para proteger seus direitos, nós precisamos fazer restrições que proibem distribuidores de negar a você estes direitos ou de pedir que você abra os destes direitos. Essas restrições traduzem as certas responsabilidades para você se você distribuir cópias da biblioteca ou se você modificá-la.

Por exemplo, se você distribuir cópias da biblioteca, seja grátis ou por alguma taxa, você deve dar aos recipientes todos os direitos foram dados, por nós, a você. Vocé deve garantir que eles, também, recebam ou possam acessar o código-fonte. Se você relacionar outro código com a biblioteca, você deve prover arquivos completos e objetivos aos recipientes, para assim poderem relacioná-los com a biblioteca, depois de fazer mudanças na biblioteca e recompilá-la. E você deve mostrar estes termos, para que eles possam saber seus direitos.
Ns protegemos seus direitos com um método de dois passos: (1) ns registramos o direito autoral da biblioteca e (2) ns oferecemos a voc esta licena, o que d a voc a permissao legal de copiar, distribuir e/ou modificar a biblioteca.

Para proteger cada distribuidor, ns queremos deixar claro que no h garantia para a biblioteca livre. Tambm, se a biblioteca modificada por outra pessoa e repassada, os recipientes devem saber que o que eles possuem no a verso original, para que a reputao do autor inicial no seja afetada por problemas que podem ter sido incluidos por outros.

Finalmente, patentes de software apresentam constante amea a existncia de qualquer programa livre. Ns desejamos assegurar que uma companhia no possa efetivamente restringir os usurios de um programa livre obtendo uma licena restritiva de um detentor de patente. Portanto, ns insistimos que qualquer licena de patente obtida para uma verso da biblioteca deve ser consistente com toda a liberdade de uso especificada nesta licena.

A maioria do software GNU, incluindo algumas bibliotecas, coberto pela Licena Pblica Geral GNU. Esta licena, a Licena Pblica Geral Branda GNU (GNU Lesser General Public License) se aplica a certas bibliotecas especificas e particularmente diferente da Licena Pblica Geral (General Public License). Ns usamos esta licena para certas bibliotecas de forma a permitir relacionar estas bibliotecas com programas no-livres.

Quando um programa relacionado com uma biblioteca, seja estatisticamente ou usando numa biblioteca compartilhada, a combinao das duas, legalmente falando, um trabalho combinado, um trabalho derivado da biblioteca original. A Licena Pblica Geral portanto permite tal relacionamento somente se toda a combinao se encaixa no critrio de liberdade. A Lesser General Public License permite critrios mais maleveis para relacionar outro cdigo com a biblioteca.

Ns chamamos esta licena de Licena Pblica Geral <quote>Branda (Lesser)</quote> porque ela protege menos a liberdade dos usurios do que a Licena Pblica Geral (General Public Licence) normal. Ela tambm providencia a outros desenvolvedores de software livre menos vantagem na competio com programas no-livres. Estas desvantagens so a razo de usarmos Licena Pblica Geral (General Public License) para vrias bibliotecas. No entanto, a licena Branda prov vantagens em certas circunstncias especiais.

Por exemplo, em raras ocasies, pode haver uma necessidade especial de encorajar o maior uso possvel de certa biblioteca, de forma que ela se torne um padro. Para alcanar isso, programas no-livres devem ser permitidos a usar a biblioteca. Um caso mais frequente quando uma biblioteca livre faz o mesmo trabalho que bibliotecas no-livres muito usadas. Neste caso, h pouco a ganhar limitando a biblioteca somente para software livre, ento usamos a Licena Pblica Geral Branda (Lesser General Public License).

Em outros casos, permisso para usar uma biblioteca em particular em programas no-livres permite um nmero maior de pessoas usar uma grande variedade de software livre. Por exemplo, permisso para usar a Biblioteca GNU C em programas no-livres permite muito mais pessoas a usar todo o sistema operacional GNU, assim como sua variante, o sistema operacional GNU/Linux.

Apos da Lesser General Public License ser menos protetora da liberdade dos usurios, ela assegura que o usurio de um programa que relacionado a Biblioteca tenha a liberdade e os recursos para executar aquele programa usando uma verso modificada da Biblioteca.

Os termos e condies precisos para cpia, distribuo e modificao seguem. Preste ateno na diferena entre um <quote>trabalho baseado numa biblioteca</quote> e um <quote>trabalho que usa uma biblioteca</quote>. O
primeiro contém código derivado da biblioteca, enquanto o último deve ser combinado com a biblioteca para que funcione.</para>

</sect1>

<sect1 id="terms" label="none">
<title>TERMOS E CONDIÇÕES PARA CPIA, DISTRIBUIÇÃO E MODIFICAÇÃO</title>

<sect2 id="sect0" label="0">
<title>Seção 0</title>

<para>Este Acordo de Licença se aplica a qualquer biblioteca de software ou outro programa que contenha um aviso colocado pelo proprietário da licença ou outra parte autorizada dizendo que ele pode ser distribuído sob os termos desta Licença Pública Geral Branda (Lesser General Public License) (também chamada <quote>esta Licença</quote>). Cada licenciado referido como <quote>você</quote>.</para>

<para>Uma <quote>biblioteca</quote> significa uma coleção de funções de software e/ou dados preparado de forma a ser convencionalmente relacionado com a aplicação de programas (que usa algumas destas funções e dados) para formar executáveis.</para>

<para>A <quote>Biblioteca</quote>, abaixo, refere-se a qualquer biblioteca de software ou trabalho que tenha sido distribuído sob estes termos. Um <quote>trabalho baseado na Biblioteca</quote> significa que a Biblioteca ou qualquer trabalho derivado desta sob a lei de direitos autorais: necessita ser dito que, um trabalho contendo uma Biblioteca ou uma porção dela, seja transcrito ou com modificações e/ou traduzida diretamente em outra língua. (Deste ponto em diante, tradução incluída sem limitação no termo <quote>modificação</quote>.)</para>

<para><quote>Código fonte</quote> para um trabalho significa a forma preferida de trabalho para fazer modificações no mesmo. Para uma biblioteca, o código fonte completo significa todo o código fonte para todos os módulos que ele contém, mais quaisquer arquivos de definição de interface associados, mais arquivos usados para controlar a compilação e instalação da biblioteca.</para>

<para>Atividades que não sejam cópia, distribuição e modificação não cobertas por esta Licença; elas estão fora do alcance da Licença. O ato de executar um programa usando a Biblioteca no restrito, e o retorno deste programa coberto somente se os conteúdos dele constituírem um trabalho baseado na Biblioteca (independente do uso da Biblioteca numa ferramenta para escreve-la). Se isso verdade depende do que a Biblioteca faz e o que o programa que usa a Biblioteca faz.</para>

</sect2>

<sect2 id="sect1" label="1">
<title>Seção 1</title>

<para>Você pode copiar e distribuir cópias transcritas do código fonte completo da biblioteca ao recebê-la, em qualquer meio, desde que você clara e apropriadamente publique em cada cópia a nota de direito autoral apropriado e aviso legal de garantia; mantenha intactas todas as notificações que referem a Licença e a ausência de qualquer garantia; e distribua uma cópia desta Licença junto Biblioteca.</para>

<para>Você pode cobrar uma taxa pelo ato físico de transferência da cópia, e você pode por opção oferecer proteção de garantia em troca de uma taxa.</para>

</sect2>

Open Source Used in Data Center Network Manager 11 11.5(4) 7307
Voc pode modificar sua cópia da Biblioteca ou qualquer poro dela, assim formando um trabalho baseado na Biblioteca, e copiar e distribuir tais modificações ou trabalho sob os termos da Seo acima, supondo que você também atenda a todas suas condições: O trabalho modificado deve, por si só, ser uma biblioteca de software.

Voc deve fazer com que os arquivos modificados carreguem informações proeminentes de que você modificou os arquivos e a data de qualquer mudança.

Voc deve fazer com que todo o trabalho seja licenciado sob nenhuma taxa a todas as terceiras partes sob os termos desta Licença.

Se uma instalação numa Biblioteca modificada refere a uma função ou a uma tabela de dados a ser fornecida por um programa aplicativo que use a instalação, outro que como um argumento passado quando a instalação é invocada, então você deve fazer um esforço de boa fé para garantir que, no evento de a aplicação não fornecer tal função ou tabela, a instalação ainda opere, e execute qualquer parte desta proposta continuando significativa.

Por exemplo, a função na biblioteca para calcular raias quadradas tem um propósito que totalmente bem definido independente da aplicação. Dessa forma, a Subseio requisita que qualquer função suprida pela aplicação ou tabela usada por essa função deve ser opcional: se a aplicação não suprir isto, a função da raiz quadrada ainda deve calcular raias quadradas.)

Estes requisitos se aplicam ao trabalho modificado como um todo. Se seis identificáveis do trabalho no so derivadas da Biblioteca, e podem ser razoavelmente considerados trabalhos independentes e separados em si, então esta Licença e seus termos, no se aplicam aquelas seis quando você as distribui como trabalhos separados. Mas quando você distribui as mesmas seis como parte de um todo que um trabalho baseado na Biblioteca, a distribuição do todo deve ser nos termos dessa Licença, da qual as permissões para outros licenciados se aplicam para todo o inteiro, e assim para toda e cada parte, independente de quem a escreveu.

Assim, no intenso desta seio reivindicar direitos ou contestar os seus direitos de trabalho escrito completamente por você; preferencialmente, a intenso exercitar o direito de controlar a distribuição de trabalhos coletivos e derivados baseados na Biblioteca.

Em adição, a mera agregação de qualquer trabalho no baseado na Biblioteca com a Biblioteca (ou com um trabalho baseado na Biblioteca) num volume de armazenamento ou meio de distribuição no traz a outro trabalho sob o alcance desta Licença.
Voc pode optar por aplicar os termos de licença da Licença Pública Geral GNU normal (GNU General Public License) ao invés desta Licença para cada cópia da Biblioteca. Para fazer isto, você deve alterar todas as notificações que se referem a esta Licença, para que elas refriram-se a Licença Pública Geral GNU normal (GNU General Public License), versão 2, ao invés desta Licença. (Se uma versão mais nova que a versão 2 da Licença Pública Geral GNU (GNU General Public License) tiver aparecido ento você pode especificar esta versão se desejar.) No faa nenhuma outra mudança nestas modificações.

Uma vez feita a mudança em determinada cópia, isto é irreversível para esta cópia, ento a Licença Pública Geral GNU normal se aplica a todas as cópias subsequentes e trabalhos derivados feitos desta cópia.

Esta opção é útil quando você deseja copiar parte do código da Biblioteca para um programa que não uma biblioteca.

Voc pode copiar e distribuir a Biblioteca (ou uma por ou derivada dela, sob Seo 2) em código objetivo ou de forma executável sob os termos das Sees 1 e 2 acima fornecido que você acompanhe-a com o código-fonte correspondente em formato lido por máquina, que deve ser distribuído sob os termos das Sees 1 e 2 acima num meio costumeiramente usado para transação de software.

Se a distribuição do código feita oferecendo acesso a cópia de um local específico, ento oferecer acesso equivalente cópia do código-fonte do mesmo local satisfaz a requerimento de distribuir o código fonte, mesmo se terceiros no tiverem interesse de copiar a fonte junto ao código em questão.

Um programa que contém nenhum derivado de qualquer por ou da Biblioteca, mas desenvolvido para trabalhar com a Biblioteca por ser compilado com ela ou ser relacionado a ela, chamado trabalho que usa a Biblioteca. Tal trabalho, em isolamento, não é um trabalho derivado da Biblioteca, e desta forma, fica fora da competência desta Licença.

No entanto, relacionar um trabalho que usa a Biblioteca com a Biblioteca cria um executável que derivado da Biblioteca (porque ela contém por ou da Biblioteca), mais do que um trabalho que usa a biblioteca. O executável desta forma coberto por esta Licença. Se o trabalho, em isolamento, não é um trabalho derivado da Biblioteca, e desta forma, fica fora da competência desta Licença.

Quando um trabalho que usa a Biblioteca usa material de um arquivo pai que parte da Biblioteca, o código em questão para o trabalho pode ser um trabalho derivado da Biblioteca mesmo que o código fonte no seja. Se isso for verdade especialmente significante se o trabalho pode ser relacionado sem a Biblioteca, ou se o trabalho por si só uma biblioteca. O princípio para isso ser verdade no precisamente definido por lei.
Se tal arquivo objeto usa somente parâmetros numéricos, o layout da estrutura de dados e acessórios, e pequenas macros e pequenas funções internas (dez linhas ou menos de tamanho), então o uso do objeto é irrestrito, independente de ser um trabalho derivado legalmente. (Executáveis contendo este código objeto e porções da Biblioteca ainda ficam sob a licença.)

De outra forma, se o trabalho for derivado da Biblioteca, você pode distribuir o código objeto para o trabalho sob os termos da licença. Quaisquer executáveis contendo este trabalho também ficam sob a licença estando, ou não, relacionados diretamente a Biblioteca.

Como uma exceção às Seções acima, você pode também combinar ou relacionar um trabalho que usa a Biblioteca com a Biblioteca para produzir um trabalho contendo porções da Biblioteca, e distribuir este trabalho sob os termos de sua escolha, dado que os termos permitam modificação do trabalho para o uso do próprio cliente e engenharia reversa para depuração destas modificações.

Você deve dar aviso proeminente com cada cópia do trabalho que esta Biblioteca é usada nela e que a Biblioteca e seu uso são cobertos por esta Licença. Você deve fornecer uma cópia desta Licença. Se o trabalho, durante esta execução, exige avisos de direitos autorais, você deve incluir o aviso de direito autoral para a Biblioteca entre eles, assim como uma referência direcionando o usuário a cópia desta Licença. Também, você deve fazer uma das seguintes coisas:

1. Acompanhe o trabalho com o correspondente código-fonte em formato lido por máquina para a Biblioteca, incluindo quaisquer mudanças que foram usadas no trabalho no qual deve ser distribuído sob as Seções 1 e 2 acima; e, se o trabalho é executável relacionado com a Biblioteca, com o trabalho que usa a Biblioteca completo em formato lido por máquina, como código objeto e/ou código-fonte, para que o usuário possa modificar a Biblioteca e então relacionar novamente para produzir um executável modificado contendo a Biblioteca modificada. (Entendido que o usuário que modifica os contidos dos arquivos de definição na Biblioteca não serão necessariamente hbeis a recompilar a aplicação para usar as definições modificadas.)

2. Use um mecanismo de biblioteca compartilhada compatível para relacionamento com a Biblioteca. Um mecanismo compatível um que (1) usa no tempo de execução uma cópia da biblioteca presente no sistema do computador do usuário, ao invés de copiar funções da biblioteca no executável, e (2) v operar apropriadamente com uma versão modificada, se o usuário instalar uma, contanto que a versão modificada seja compatível com a interface de versão na qual o trabalho foi desenvolvido.

3. Acompanhe o trabalho com uma oferta escrita, válida por pelo menos três anos, de dar ao mesmo usuário os materiais especificados na licença, sob a condição de que o custo de efetuar esta distribuição.

4. Se a distribuição do trabalho feita oferecendo acesso a cópia de um local específico, ofereça acesso equivalente.
Verifique se o usuário já recebeu uma cópia desses materiais ou que você já enviou uma cópia a este usuário.

Para um executável, a forma requisitada de <quote>trabalho que usa a Biblioteca</quote> deve incluir qualquer dado ou programas utilitários necessários para reprodução do executável nele. No entanto, como uma exceção especial, os materiais a serem distribuídos no precisam incluir nada que normalmente distribuído (seja na forma de fonte ou binário) com os componentes principais (compilador, kernel, e assim por diante) do sistema operacional no qual o executável funciona, ao menos que o componente em si acompanhe o executável.

Pode acontecer desse requerimento contradizer as restrições da licença de outras bibliotecas proprietárias que normalmente acompanham o sistema operacional. Tal contradição significa que você não pode usar ambas e a Biblioteca juntos em um executável que você distribuir.

Você pode posicionar as instalações da biblioteca que são um trabalho baseado na biblioteca lado-a-lado numa única biblioteca juntas a outras instalações da biblioteca no cobertas por esta Licença, e distribuir tal biblioteca combinada, dado que a distribuição separada do trabalho baseado na Biblioteca e das outras instalações da biblioteca seja permitida, e dado que você faça estas duas coisas:

Vocês podem posicionar as instalações da biblioteca que são um trabalho baseado na biblioteca lado-a-lado numa única biblioteca juntas a outras instalações da biblioteca no cobertas por esta Licença, e distribuir tal biblioteca combinada, dado que a distribuição separada do trabalho baseado na Biblioteca e das outras instalações da biblioteca seja permitida, e dado que você faça estas duas coisas:

Acompanhar a biblioteca combinada com uma cópia do mesmo trabalho baseado numa Biblioteca, no combinada com quaisquer outras instalações de biblioteca. Isto deve ser distribuído sob os termos de licença das Sees acima.

De informação proeminente com a biblioteca combinada do fato que parte dele um trabalho baseado na Biblioteca, e explicando onde achar o formato no combinado do mesmo trabalho, que acompanha.

Vocês não podem copiar, modificar, sublicenciar, relacionar com, ou distribuir a Biblioteca, exceto como expressamente determinado sob esta Licença. Qualquer tentativa do contrário de copiar, modificar, sublicenciar, relacionar com, ou distribuir a Biblioteca nula, e automaticamente terminar com seus direitos sob esta Licença. No entanto, as partes que receberem cópias, ou direitos, sob esta Licença no terão suas licenças terminadas ao longo que tais
partes se mantenham em total complacncia.</para>
</sect2>

<sect2 id="sect9" label="9">
<title>Seo 9</title>

<para>Voc no requisitado a aceitar esta Licena, j que voc no a assinou. No entanto, nada mais te d permissio de
modificar ou distribuir a Biblioteca trabalhos derivados dela. Estas aes so proibidas por lei se voc no aceita esta
Licena. Desta forma, por modificar ou distribuir a Biblioteca (ou qualquer trabalho baseado na Biblioteca), voc
indica sua aceitao desta Licena para o fazer, e todos os seus termos e condies para cpia, distribuo ou modificao da
Biblioteca ou trabalhos baseados na mesma.</para>
</sect2>

<sect2 id="sect10" label="10">
<title>Seo 10</title>

<para>Toda vez que voc redistribui a Biblioteca (ou qualquer trabalho baseado na Biblioteca), o recipiente
automaticamente recebe uma licena do licenciador original para copiar, distribuir, relacionar ou modificar o assunto
da Biblioteca a estes termos e condies. Voc no pode impor maiores restries ao exercio dos direitos dados ao
recipiente, por meio desta. Voc no responsvel por forar o cumprimento dos termos desta Licena por
terceiros.</para>
</sect2>

<sect2 id="sect11" label="11">
<title>Seo 11</title>

<para>Se, como uma consequencia de julgamento em tribunal ou alegao infrao de patente ou por qualquer outra
razo (no limitada a casos de patente), as condies so impostas a voc (seja por ordem da corte, acordo ou de qualquer
outra natureza) que contradiga as condies desta Licena, elas no excluem voc das condies desta Licena. Se voc no
pode distribuir de forma a satisfazer simultaneamente suas obrigaes sob esta Licena e quaisquer outras obrigaes
pertinentes, ento como consequencia voc no pode distribuir a Biblioteca de forma alguma. Por exemplo, se uma
licena de patente no permitir redistribuio da Biblioteca livre de royalty por todos aqueles que recebem cpias direta
ou indiretamente por voc, ento a nica maneira de voc satisfazer tanto ela quanto esta Licena seria prevenir
completamente a distribuio da Biblioteca.</para>

<para>Se qualquer poro desta seo for considerada invlida ou sem fora sob qualquer circunstancia particular, o
equilbrio da seo intencionada a ser aplicada, e a seo como um todo intencionada a ser aplicada sob quaisquer outras
circunstncias.</para>

<para>No o intuito desta seo te induzir a infringir quaisquer patentes ou proclamaes de propriedade por direito
ou contestar a validade de tais proclamaes; esta seo tem a proposta nica de proteger a integridade do sistema de
distribuio do software livre que implementado pelas prticas de licena pblica. Muitas pessoas fizeram generosas
contribuies para o vasto alcance do software distribuido por este sistema confiado na consistente aplicao deste
sistema; cabe ao autor/doador decidir se ele ou ela tem interesse de distribuir software por qualquer outro sistema e
um licenciado no pode impor esta escolha.</para>

<para>A inteno desta seo fazer exatamente claro o que acredita-se ser uma consequencia do resto desta
Licena.</para>
<sect id="sect12" label="12">
<title>Seo 12</title>

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</sect>

<sect id="sect13" label="13">
<title>Seo 13</title>

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</sect>

<sect id="sect14" label="14">
<title>Seo 14</title>

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</sect>

<sect id="sect15" label="15">
<title>SEM GARANTIA</title>

<subtitle>Seo 15</subtitle>

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<title>OMFATTANDE KOPIERING</title>
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</li>
</itemizedlist>
<listitem>
  <para>Lista på titelsidan, som frfattare, en eller flera personer eller juridiska personer som ansvarat fr frndringarna i den frndrade versionen, tillsammans med minst fem av de huvudsakliga frfattarna av dokumentet (alla dess huvudsakliga frfattare, om det har mindre n fem).</para>
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  <para>Ange namnet på utgivaren av den frndrade versionen, som utgivare, på titelsidan.</para>
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<listitem>
  <para>Bibehålla dokumentets upphovsrtsklausuler.</para>
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<listitem>
  <para>Lgg till en upphovsrtsklausul fr dina frndringar angrnsande till de andra upphovsrtsklausulerna.</para>
</listitem>

<listitem>
  <para>Direkt efter upphovsrtsklausulerna innefatta ett meddelande som ger allmnen tillstnd att anvnda den frndrade versionen under villkoren i denna licens [det engelska originalet] i den form som visas i Tillgä.</para>
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<listitem>
  <para>I meddelandet om licensen bevara den fullstndiga listan ver ofrnderliga avsnitt och obligatoriska omslagstexter som finns i dokumentets meddelande om licensen.</para>
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<listitem>
  <para>Inkludera en ofrnedrad kopia av denna licens [Det r den engelska originalversionen som avses].</para>
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<listitem>
  <para>Bevara avsnittet med titeln Historik (History), bevara dess titel och lgg i avsnittet till en post med tminstone titeln, ret, nya frfattare och utgivaren av den frndrade versionen s som angivet p titelsidan. Om det inte finns ngot avsnitt med titeln Historik i dokumentet skapa en med titeln, ret, frfattare och utgivaren av dokumentet s som det str p [original]dokumentets titelsida. Lgg sedan till en post som beskriver den frndrade versionen s som beskrivits ovan.</para>
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  <para>Bevara den nverksam adress, om det finns ngon, angiven i dokumentet till den allmnt tillgngliga kopian av dokumentet, och likas
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msgid "Section 3"

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msgid "Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,"

msgid "Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)"

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msgid "The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable."

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= " . "
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" GNU (GNU "
"Library General Public License) . . "
= " "
= " 
"GPL . GPL "
= " 

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msgid ""
msgstr ""
"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."
msgstr ""
= () "
= , GPL"
= , "
" (source code) "
= " 
= , "
= . "

#: ../C/gpl.xml:90(para)
msgid ""
msgstr ""
"To protect your rights, we need to make restrictions that forbid anyone to "
"deny you these rights or to ask you to surrender the rights. These "
"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it."
msgstr ""
"GPL GPL "
= " 
= . "
= . "

#: ../C/gpl.xml:97(para)
msgid ""
msgstr ""
"For example, if you distribute copies of such a program, whether gratis or "
"for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights."
msgstr ""
" GPL "
= " , "
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Also, for each author's protection and ours, we want to make certain that 
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"licensed for everyone's free use or not licensed at all."
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"        .  "
"      ,   "
"     .    "
"           "
"(, <quote>()</quote> .)   "
"           "
"#: ../C/gpl.xml:139(para)
msgid ""
"The precise terms and conditions for copying, distribution and modification "
"follow."
msgstr ""
"(copying) (modification) (distribution) "
" ."

#: ../C/gpl.xml:147(title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr "      "

#: ../C/gpl.xml:150(title)
msgid "Section 0"
msgstr "0"

#: ../C/gpl.xml:151(para)
msgid ""
"This License applies to any program or other work which contains a notice "
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"of this General Public License. The <quote>Program</quote>, below, refers to "
"any such program or work, and a <quote>work based on the Program</quote> "
"means either the Program or any derivative work under copyright law: that is "
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"with modifications and/or translated into another language. (Hereinafter, "
"translation is included without limitation in the term <quote>modification</" 
"quote>.) Each licensee is addressed as <quote>you</quote>.
msgstr ""
" GNU       "
"   "
"
"   . (, <quote></quote> )"
"   (, "
"<quote></quote> .)   "
"   , <quote>2 </quote>"
"   "
"   "
"   . ( "
"   <quote></quote> "
"   ) <quote></quote> GPL   "
"   , <quote>()</quote>  2 "
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msgstr "2"

#: ./C/gpl.xml:199(para)
msgid ""
"You must cause the modified files to carry prominent notices stating that "
"you changed the files and the date of any change."
msgstr ""
" ."

#: ./C/gpl.xml:205(para)
msgid ""
"You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of "
"this License."
msgstr ""
" .
" .
" .

#: ./C/gpl.xml:223(title)
msgid "Exception:"
msgstr " :"

#: ./C/gpl.xml:224(para)
msgid ""
"If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."
msgstr ""
" .
" .

#: ./C/gpl.xml:213(para)
msgid ""
"If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. <placeholder-1/>"
msgstr ""
" .
" .
" .
" , ( ) "
" GPL "

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"You may copy and distribute the Program (or a work based on it, under <link linkend="sect2">Section 2</link>) in object code or executable form under "
"the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following: "
"<placeholder-1/>"

"The source code for a work means the preferred form of the work for making "
"modifications to it. For an executable work, complete source code means all "
"the source code for all modules it contains, plus any associated interface "
"definition files, plus the scripts used to control compilation and "
"installation of the executable. However, as a special exception, the source "
"code distributed need not include anything that is normally distributed (in "
"either source or binary form) with the major components (compiler, kernel, "
"and so on) of the operating system on which the executable runs, unless that "
"component itself accompanies the executable."

"If distribution of executable or object code is made by offering access to "
"copy from a designated place, then offering equivalent access to copy the "
"source code from the same place counts as distribution of the source code, "
"even though third parties are not compelled to copy the source along with "

"code or executable form with such an offer, in accord with Subsection b "
"above.)"
"the object code."
msgid"
msgstr"
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#: ../C/gpl.xml:316(title)
msgid "Section 4"
msgstr "4"

#: ../C/gpl.xml:318(para)
msgid ""
msgstr ""
"You may not copy, modify, sublicense, or distribute the Program except as "
"expressly provided under this License. Any attempt otherwise to copy, "
"modify, sublicense or distribute the Program is void, and will automatically "
"terminate your rights under this License. However, parties who have received "
"copies, or rights, from you under this License will not have their licenses "
"terminated so long as such parties remain in full compliance."
msgid ""
msgstr ""
" = "
" = . "
" = . "
" = 3 "
" = . "
" = . "

#: ../C/gpl.xml:328(title)
msgid "Section 5"
msgstr "5"

#: ../C/gpl.xml:330(para)
msgid ""
msgstr ""
"You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Program or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Program (or any work based on the Program), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Program or works based on it."
msgid ""
msgstr ""
" = "
" = . "
" = 2 "
" = . "
" = . ( 2 "
" ) "
" = "
" = "
"
" Each time you redistribute the Program (or any work based on the Program), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute or modify the Program subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients’ "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties to this License."

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"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
"excuse you from the conditions of this License. If you cannot distribute so "
"as to satisfy simultaneously your obligations under this License and any "
"other pertinent obligations, then as a consequence you may not distribute "
"the Program at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Program by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Program."
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"If the distribution and/or use of the Program is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Program under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded. "
"In such case, this License incorporates the limitation as if written in the "
"body of this License."

msgid "Section 9"
msgid "9"

"The Free Software Foundation may publish revised and/or new versions of the "
"General Public License from time to time. Such new versions will be similar "
"in spirit to the present version, but may differ in detail to address new "
"problems or concerns."

msgid ""

"Each version is given a distinguishing version number. If the Program "
"specifies a version number of this License which applies to it and "
"<quote>any later version</quote>, you have the option of following the terms "
"and conditions either of that version or of any later version published by "
"the Free Software Foundation. If the Program does not specify a version "
"number of this License, you may choose any version ever published by the "
"Free Software Foundation."

msgid ""

"Open Source Used In Data Center Network Manager 11 11.5(4) 7354"
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permission. For software which is copyrighted by the Free Software
Foundation, write to the Free Software Foundation; we sometimes make
exceptions for this. Our decision will be guided by the two goals of
"preserving the free status of all derivatives of our free software and of"
"promoting the sharing and reuse of software generally."

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STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE
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OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
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THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM
PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR
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#. Put one translator per line, in the form NAME <EMAIL>, YEAR1, YEAR2
msgid "translator-credits"
msgstr ""
" GNOME
" <ftsamis@gmail.com>
" <http://www.eexi.gr/?q=node/16>
" <http://www.gnome.gr/>

#: C/index.docbook:17(articleinfo/title)
msgid "GNU General Public License"
msgstr " GNU"

#: C/index.docbook:18(articleinfo/copyright)
msgid " <year>2000</year> <holder>Free Software Foundation, Inc. </holder>"
msgstr " <year>2000</year> <holder>  , Inc. </holder>"

#: C/index.docbook:23(articleinfo/author)
msgid " <surname>Free Software Foundation</surname>"
msgstr " <surname>  </surname>"

#: C/index.docbook:28(publisher/publishername)
msgid "GNOME Documentation Project"
msgstr " GNOME"

#: C/index.docbook:32(revhistory/revision)
msgid " <revnumber>2</revnumber> <date>1991-06</date>"
msgstr " <revnumber>2</revnumber> <date>1991-06</date>"

#: C/index.docbook:40(para/address)
#, no-wrap
msgid ""
"Free Software Foundation, Inc. 
" " <street>51 Franklin Street, Fifth Floor</street>, 
" " <city>Boston</city>, 
" " <state>MA</state> <postcode>02110-1301</postcode> 
" " <country>USA</country> 
" " 

Open Source Used In Data Center Network Manager 11 11.5(4) 7357
"Free Software Foundation, Inc. \n" "\t <street>51 Franklin Street, Fifth Floor</street>, \n" "\t <city>Boston</city>, \n" "\t <state>MA</state> <postcode>02110-1301</postcode>\n" "\t <country>USA</country>\n" "\n
#: C/index.docbook:39(legalnotice/para)
msgid "<_:address-1/>."
msgstr "<_:address-1/>."

#: C/index.docbook:48(legalnotice/para)
msgid ""
msgstr ""
"Everyone is permitted to copy and distribute verbatim copies of this license "
"document, but changing it is not allowed."
msgstr ""
""
""

#: C/index.docbook:54(articleinfo/releaseinfo)
msgid "Version 2, June 1991"
msgstr "2, 1991"

#: C/index.docbook:58(abstract/para)
msgid ""
msgstr ""
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public License is intended "
"to guarantee your freedom to share and change free software - to make sure "
"the software is free for all its users."
msgstr ""
""
""
" GNU "
""
""

#: C/index.docbook:67(sect1/title)
msgid "Preamble"
msgstr ""

#: C/index.docbook:69(sect1/para)
msgid ""
msgstr ""
"The licenses for most software are designed to take away your freedom to "
"share and change it. By contrast, the GNU General Public License is intended "
"to guarantee your freedom to share and change free software - to make sure "
"the software is free for all its users. This General Public License applies "
"to most of the Free Software Foundation's software and to any other program "
"whose authors commit to using it. (Some other Free Software Foundation "
"software is covered by the GNU Library General Public License instead.) You "
"can apply it to your programs, too."

msgid ""
msgstr ""
" GNU "
" ,
" .
" " (Free Software "
"Foundation), "
" . ( 
" (Free Software Foundation) "
" GNU.) "
"

#: C/index.docbook:81(sect1/para)
msgid ""
msgstr ""
"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."

msgid ""
msgstr ""
"
"

#: C/index.docbook:90(sect1/para)
msgid ""
msgstr ""
"To protect your rights, we need to make restrictions that forbid anyone to "
"deny you these rights or to ask you to surrender the rights. These "
"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it."

msgid ""
msgstr ""
"
"

#: C/index.docbook:97(sect1/para)
msgid ""
"For example, if you distribute copies of such a program, whether gratis or "
"for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights."
"proprietary. To prevent this, we have made it clear that any patent must be "
"licensed for everyone's free use or not licensed at all."

msgstr ""
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         ,
   ."

#: C/index.docbook:139(sect1/para)
msgid ""
msgstr ""
"The precise terms and conditions for copying, distribution and modification "
"follow."
msgstr ""
".    
".    
"."

#: C/index.docbook:147(sect1/title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"
msgstr " 0"

#: C/index.docbook:150(sect2/title)
msgid "Section 0"
msgstr "0"

#: C/index.docbook:151(sect2/para)
msgid ""
msgstr ""
"This License applies to any program or other work which contains a notice "
"placed by the copyright holder saying it may be distributed under the terms "
"of this General Public License. The <quote>Program</quote>, below, refers to "
"any such program or work, and a <quote>work based on the Program</quote> "
"means either the Program or any derivative work under copyright law: that is "
"to say, a work containing the Program or a portion of it, either verbatim or "
"with modifications and/or translated into another language. (Hereinafter, "
"translation is included without limitation in the term <quote>modification</quote> "
"quote>).) Each licensee is addressed as <quote>you</quote>."
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the "Program does."

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You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

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Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. <note-1/>
"You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it."
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Program."

msgstr ""
"","","","","".

#: C/index.docbook:253(sect2/para)
msgid ""
"In addition, mere aggregation of another work not based on the Program with "
"the Program (or with a work based on the Program) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."

msgstr ""
"","","","","".

#: C/index.docbook:261(sect2/title)
msgid "Section 3"
msgidstr " 3"

#: C/index.docbook:271(listitem/para)
msgid ""
"Accompany it with the complete corresponding machine-readable source code, "
"which must be distributed under the terms of <link linkend=""sect1">Sections 1</link> and <link linkend=""sect2">2</link> above on a "
"medium customarily used for software interchange; or,"

msgstr ""
"","","".
"<link linkend=""sect1"> 1</link> <link linkend=""sect2"> 2</link> ,","".

#: C/index.docbook:278(listitem/para)
msgid ""
"Accompany it with a written offer, valid for at least three years, to give "
"any third party, for a charge no more than your cost of physically "
"performing source distribution, a complete machine-readable copy of the "
"corresponding source code, to be distributed under the terms of Sections 1 "
"and 2 above on a medium customarily used for software interchange; or,"

msgstr ""
"","","".
Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following: <_:orderedlist-1/>

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.
If distribution of executable or object code is made by offering access to 
"copy from a designated place, then offering equivalent access to copy the " 
"source code from the same place counts as distribution of the source code. " 
"even though third parties are not compelled to copy the source along with " 
"the object code."

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"expressly provided under this License. Any attempt otherwise to copy, " 
"modify, sublicense or distribute the Program is void, and will automatically " 
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"terminated so long as such parties remain in full compliance."
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"conditions. You may not impose any further restrictions on the recipients’ "
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"compliance by third parties to this License."

"If, as a consequence of a court judgment or allegation of patent "

"infringement or for any other reason (not limited to patent issues), "
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"the Program at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Program by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Program."

msgid ""
""msgstr ""
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""msgstr ""
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#: C/index.docbook:367(sect2/para)
msgid ""
"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply and "
"the section as a whole is intended to apply in other circumstances."
msgstr ""
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""msgstr ""
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#: C/index.docbook:373(sect2/para)
msgid ""
"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system, which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
msgstr ""
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Section 9

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" (Free "
"Software Foundation), ( "
" ), "
" 
" 
" 
" ."

#: C/index.docbook:432(sect2/title)
msgid "NO WARRANTY"
msgstr ""

#: C/index.docbook:433(sect2/subtitle)
msgid "Section 11"
msgstr " 11"

#: C/index.docbook:435(sect2/para)
msgid "BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "
"PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE "
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "
"PROGRAM <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED "
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"THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM "
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."
msgstr ""
" / <quote> <quote> "
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#: C/index.docbook:446(sect2/title)
msgid "Section 12"
msgstr " 12"

#: C/index.docbook:448(sect2/para)
msgid "IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "
"THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
"SUCH DAMAGES."

msgid "2000"
msgid "2"
msgid "1991-06"
msgid "2"
msgid "1991-06"
msgid "2000"
msgid "06-1991"

#~ msgid "2000"
#~ msgstr "2000"

#~ msgid "2"
#~ msgstr "2"

#~ msgid "1991-06"
#~ msgstr "06-1991"
?xml version="1.0" encoding="utf-8"?&
<!DOCTYPE article PUBLIC "-//OASIS//DTD DocBook XML V4.1.2//EN" "http://www.oasis-open.org/docbook/xml/4.1.2/docbookx.dtd">
<abstract role="description">
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</abstract>

<sect1 id="fdl-preamble" label="0">
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</sect1>
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standardna oblika HTML, namenjena temu, da jo spremeni lovek. Nejasne oblike vključujejo PostScript, PDF, lastnike oblike, ki jih lahko beremo in urejamo le z lastniki urejevalniki besedil, SGML ali XML, za katerega DTD in/ali orodja za obdelavo niso splošno dostopna, in strojno ustvarjen HTML, ki ga nekateri urejevalniki besedil izdelujejo le kot izhodno obliko zapisa. <para>

<para id="fdl-title-page">"Naslovna stran" pri natisnjeni knjigi pomeni smo naslovno stran skupaj s taknimi nadaljnimi stranmi, ki so neizogibne za itljivo izraanje stvari, za katere to dovoljenje zahteva, da se pojavljajo na naslovni strani. Za dela v oblikah, ki nimajo naslovne strani kot take, "Naslovna stran" pomeni besedilo blizu najvidnejše pojavitvi naslova dela, pred zaetkom telesa besedila. </para> <sect1>

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<title>Dobesedno razmnoževanje</title>
<para>Dokument/</para> je dovoljeno razmnoževati in razirjati na kakrenkoli nain, pridobitno ali nepridobitno, e je le na vsakem izvodu objavljeno to dovoljenje, izjave o pravicah razirjanja, in obvestilo dovoljenja, ki pravi, da se to nanja na ta dokument, in da doloilom tega dovoljenja niso posebej dodane omejitve. Ni dovoljeno uporabljati tehnik ukrepov, ki bi preprečevali ali nadzorovali branje ali nadaljnje razirjanje izvodov, ki jih naredite ali razirjate. Izvode je dovoljeno zaraunati. V kolikor razirjate dovolj veliko tevilo izvodov, je treba upotevati tudi doloila iz 3. razdelka. </para> <sect1>

<sect1 id="fdl-section3" label="3">
<title>Mnoino razmnoževanje</title>
<para>Pri izdajanju natisnjenih izvodov tega <link linkend="fdl-document">Dokumenta</link> v nakladi ve kot 100 izvodov, in dovoljenje dokumenta zahteva tudi <link linkend="fdl-cover-texts">Besedila na platnicah</link>, je treba izvode obdati s platnicami, ki itljivo in razumljivo nosijo vsa ta Besedila na platnicah: besedila na naslovni in besedila na zadnji strani platnic. Na obeh platnicah mora biti tudi itljivo in razumljivo zavedeno imenovanje izdajatelja teh izvodov. Prednja platnica mora vsebovati popoln naslov z vsemi enako izrazito natisnjenimi in vidnimi besedami naslova. Na platnic je ob tem dovoljeno dodati tudi druge stvari. Kopiranje s spremembami, omejenimi na platnice, e le ohranijo naslov tega <link linkend="fdl-document">dokumenta</link> in zadoajo tem pogojem, se lahko v drugih ozirih tejejo za dobesedno kopiranje. </para> <sect1>

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<para>Je dovoljeno razmnoževati in razirjati na kakrenkoli nain, pridobitno ali nepridobitno, e je le na vsakem izvodu objavljeno to dovoljenje, izjave o pravicah razirjanja, in obvestilo dovoljenja, ki pravi, da se to nanja na ta dokument, in da doloilom tega dovoljenja niso posebej dodane omejitve. Ni dovoljeno uporabljati tehnik ukrepov, ki bi preprečevali ali nadzorovali branje ali nadaljnje razirjanje izvodov, ki jih naredite ali razirjate. Izvode je dovoljeno zaraunati. V kolikor razirjate dovolj veliko tevilo izvodov, je treba upotevati tudi doloila iz 3. razdelka. </para>

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<listitem><para>V tem obvestilu dovoljenja ohranite popoln seznam <link linkend="fdl-invariant">Nespremenljivih razdelkov</link> in zahtevanih <link linkend="fdl-cover-texts">Besedil na ovitku</link>, podanih v obvestilu dovoljenja tega <link linkend="fdl-document">Dokumenta</link>.</para></listitem>

<listitem><para>Vključite nespremenjen izvod tega dovoljenja.</para></listitem>

<listitem><para>Ohranite razdelek, imenovan <quote>Zgodovina</quote>, in njegov naslov, in vanj dodajte postavko z vsaj naslovom, letom, novimi avtorji in izdajateljem <link linkend="fdl-modified">Spremenjene razliice</link>, kot je podana na <link linkend="fdl-title-page">Naslovni strani</link> v dokumentu ni razdelka, imenovanega <quote>Zgodovina</quote>, ga ustvarite, in podajte naslov, leto, avtorje in izdajatelja <link linkend="fdl-document">Dokumenta</link> kot je podan na njegovi Naslovni strani, potem pa e dodajte postavko, v kateri opiite Spremenjeno razliico, kot pie v prejnjem stavku.</para></listitem>

<listitem><para>V kolikor obstaja, je priporočeno ohraniti omreno mesto, za javni dostop do <link linkend="fdl-transparent">Jasnih izvodov Dokumenta</link>, ki je navedeno v dokumentu, in podobno tudi vsa omrena mesta s prejnjimi razliicami dokumenta, ki so navedena v dokumentu. Priporoljivo jih je dodati v razdelek <quote>Zgodovine</quote>. Mogoe pa je omrena mesta tudi izpustiti za delo, ki je bilo izdano vsaj tiri leta pred samim dokumentom, ali, e izdajatelj, omenjen v ustreznem razliicem, to dovoli.</para></listitem>

<listitem><para>V vsakem razdelku, poimenovanem <quote>Zahvale</quote> ali <quote>Posvetila</quote>, je treba ohraniti naslov razdelka in v razdelku ohraniti vse izvorno vsebino za vse tam podane zahvale in/ali posvetila.</para></listitem>

<listitem><para>Ohraniti je treba vse <link linkend="fdl-invariant">Nespremenljive razdelke</link> Dokumenta<link linkend="fdl-document">Dokumenta</link>, z nespremenjenim besedilom in naslovom, tevilke ali druge oznake razdelkov ne tejejo za del naslovov razdelkov.</para></listitem>

<listitem><para>Izbrisati je treba vse razdelke, naslovljene <quote>Odobritve</quote>. Takni razdelki ne smejo biti vključeni v <link linkend="fdl-modified">Spremenjeni razliici</link>.</para></listitem>

<listitem><para>Ni dovoljeno preimenovati kateregakoli obstojeega razdelka v <quote>Odobritve</quote> ali v isto ime, kot
V primeru, da spremenjena različica vključuje nove elne razdelke ali dodatke, ki tejejo vosploščena različica, in ne vsebujejo iz dokumenta prepisane snovi, je dovoljeno po lastni presoji označiti nekatere ali vse takne razdelke kot nespremenljive. To je treba storiti tako, da se dodajo njihovi naslovi v seznam spremenjene različice. Ti naslovi se morajo razlikovati od vseh drugih naslovov razdelkov.

Dodate lahko razdelek, imenovan "Odobritve" v besedilu, ki je bilo dodano s strani organizacije kot veljavna definicija standarda.

"Dodate lahko razdelek, imenovan "Odobritve" v besedilu, ki je bilo dodano s strani organizacije kot veljavna definicija standarda.

"Kot besedilo na naslovnici spremenjene različice je dovoljeno dodati odlomek največ petih besed, kot besedilo na zadnji strani v dokumentu. Vsaka oseba lahko doda le en odlomek Besedila na naslovnici ali Besedila na zadnji strani platnic, vključno z odlomki po dogovorih. E dodate razdelek "Odobritve" v besedilu, ki je bilo dodano s strani organizacije kot veljavna definicija standarda.

Zdrueno delo zahteva le en izvod tega dovoljenja, in ve istih naslovih razdelkov. Zahteva se, da v obvestilu dovoljenja Spremenjene različice oznaka za eno osebo ali za eno organizacijo, ki je odobrila razdelke.
Dovoljeno je napraviti zbirko tega <link linkend="fdl-document">Dokumenta</link> in drugih dokumentov, izdanih pod pogoji tega dovoljenja, in nadomestiti posamezne izvode tega dovoljenja v razlinih dokumentih z enim samim izvodom, ki je vključen v zbirko, upotrebovajo zahteve tega dovoljenja za dobesedno razmnoževanje vsakega od teh dokumentov v vseh drugih pogledih. 

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Zdruevanje z neodvisnimi deli

Zdruevanje <link linkend="fdl-document">Dokumenta</link> ali njegovih izpeljanih različ v drugimi loenimi in neodvisnimi dokumenti ali deli, v knjigi ali kakremkoli nosilcu hrambe ali razirjanja, kot celota ne teje za <link linkend="fdl-modified">Spremenjeno razliico</link> dokumenta, e za zdrueno zbirko nihe ne zahteva pravic razirjanja. Takno zdrueno delo se imenuje <quote>zbirka</quote> in to dovoljenje ne velja za druga samostojna dela, tako zdruena z dokumentom, zaradi tega, ker so zdruena z dokumentom, e niso sama izpeljana dela dokumenta. V kolikor so zahteve <link linkend="fdl-cover-texts">besedila na ovitku</link> skladne z <link linkend="fdl-section3">oddelkom 3</link> tega dokumenta, potem je dovoljeno, v kolikor je dokument del, ki je manji od ettrine celotne zbirke, besedilo na naslovnici postaviti na platnici, ki sta neposredno povezani le z dokumentom v zbirki. Sicer mora biti besedilo izpisano na naslovnicah celotne zbirke.

Prevod


Prenehanje veljavnosti

Dovoljeno ni dovoljeno razmnoevati, spreminjati, podrejati dovoljenja ali ga razirjati, razen e je to izrecno dovoljeno s tem dovoljenjem. Vsak drugi poskus razmnoevanja, spreminjanja, podrejanja dovoljenja ali razirjanja Dokumenta je nien, in samodejno prekine vae pravice, izhajajoe iz tega dovoljenja. Vendar pa se osebami, ki so svoj izvod ali pravice dobile od vas pod tem dovoljenjem, dovoljenje ne prekine, dokler se ji popolnoma podrejajo.
Prihodnje popravljene izdaje tega dovoljenja

Ustanova Free Software Foundation lahko od asa do asa izdaja nove, popravljene, razliice dovoljenja Proste dokumentacije GNU. Nove razliice bodo pisane v duhu trenutne razliice, vendar se lahko razlikujejo v podrobnostih, ki bodo opredeljevale nove teave ali poglede. Ve o tem si je mogoče ogledati na naslovu http://www.gnu.org/copyleft/.

Vsaki razliici dovoljenja je dodeljena edinstvena tevilka razliice. Dokument doloa, da zanj velja doloena ali katerakoli pozneja razliica tega dovoljenja, je dovoljeno izbirati pogoje in dolozila bodisi te razliice ali katerekoli poznejše izdane razliice (ne pa tudi osnutka), ki jo je izdala ustanova Free Software Foundation. e program ne doloa tevilke razliice dovoljenja, lahko izberete katerokoli razliico, ki jo je kdajkoli izdala ustanova Free Software Foundation (ne pa tudi osnutka).

Dostavek

Za uporabo tega dovoljenja v dokumentu, ki ste ga napisali, vkljuite izvod dovoljenja v dokument in tako za naslovno stranjo vkljuite naslednje obvestilo o dovoljenju in pravicah razirjanja: 

Avtorske pravice LETO VAE IME.

Dokument je dovoljeno razmnoevati, razirjati in/ali spreminjati pod pogoji Dovoljenja prosto dokumentacijo GNU (GNU Free Documentation License), razliice 1.1 ali katerokoli poznejše razliice, ki jo je izdala ustanova Free Software Foundation; Nesprenemljeni razdelki, Nespremenljivimi razdelki, Besedilom na naslovnici, Besedilom na zadnji strani. Izvod dovoljenja je vkljuen v razdelku, imenovanem Dovoljenje za prosto dokumentacijo GNU.

V primeru, da ni Nesprenemljenih razdelkov, je treba v dokumentu zapisati, da je ta brez Nespremenljivih razdelkov, namesto, da so posami opredeljeni. Podobno je treba storiti tudi, e ni Besedila na ovitku.

V kolikor dokument vsebuje netrivialne primere programske kode, vam priporočamo, da te primere izdate vzporedno pod dovoljenjem proste programske opreme, kot je Splono dovoljenje GNU (angl. GNU General Public License), po vaem izboru, da dovolite rabo te kode v prostih programih.

# French translation of desktop-gpl.
# Copyright (C) 2005-2006 Free Software Foundation, Inc.
# This file is distributed under the same license as the gnome-desktop documentation package.
# Philippe Verdy <verdy_p@wanadoo.fr>, 2005.
# Vincent Untz <vuntz@gnome.org>, 2006.
"Free Software Foundation, Inc.\n"
"51 Franklin Street, Fifth Floor\nBoston, MA 02110-1301\nUSA\n"

"Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed."

"Chacun est libre de copier et de distribuer des copies conformes de cette licence, mais nul n'est autorisé à la modifier."

"Version 2.1, February 1999"

"The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software-to make sure the software is free for all its users."

"Les licences de la plupart des logiciels sont conçues pour vous retirer toute liberté de les partager et de les modifier. À l'opposé, les Licences GNU sont conçues pour garantir votre liberté de partager et de modifier un logiciel libre, pour vous assurer que le logiciel est libre pour tous ses utilisateurs."

"Preamble"

"The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software—to make sure the software is free for all its users."
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want that you know you can do these things.

This license, the Lesser General Public License, applies to some specially designated software packages—typically libraries—of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

This licence, la Licence Générale Publique Limite (Lesser General Public License), s'applique à certains paquets logiciels designés par la Free Software Foundation et d'autres auteurs qui décident de l'utiliser. Vous pouvez l'utiliser aussi, mais nous vous suggérons de considérer d'abord si la présente licence ou la Licence Générale Publique GNU (GNU General Public License) ordinaire est la meilleure stratégie à utiliser dans chaque cas particulier, suivant les explications données ci-dessous.
"it; that you can change the software and use pieces of it in new free "
"programs; and that you are informed that you can do these things."
msgstr ""
"Quand nous parlons de logiciel libre, nous parlons de la libert de "
"l'utiliser, pas de son prix. Nos Licences Gnrales Publiques sont conues "
"pour s'assurer que vous disposerez de la libert de distribuer des copies du "
"logiciel libre (et de facturer ce service si vous le dsirez); que vous "
"recevrez le code source ou pouvez l'obtenir chaque fois que vous le "
"souhaitez; que vous pouvez modifier le logiciel et en utilisez tout ou "
"partie dans de nouveaux programmes libres; et que vous tes informs que "
"vous pouvez faire tout ceci."

#: C/index.docbook:98(sect1/para)
msgid ""
msgid "To protect your rights, we need to make restrictions that forbid "
"distributors to deny you these rights or to ask you to surrender these "
"rights. These restrictions translate to certain responsibilities for you if "
"you distribute copies of the library or if you modify it."
msgstr ""
"Pour protger vos droits, nous devons mettre des restrictions qui "
"interdisent aux distributeurs de vous refuser ces droits ou de vous demander "
"d'abandonner ces droits. Ces restrictions se traduisent par certaines "
"responsabilitis pour vous si vous distribuez des copies de la bibliothque "
"ou si vous la modifiez."

#: C/index.docbook:105(sect1/para)
msgid ""
msgid "For example, if you distribute copies of the library, whether gratis or for "
"a fee, you must give the recipients all the rights that we gave you. You "
"must make sure that they, too, receive or can get the source code. If you "
"link other code with the library, you must provide complete object files to "
"the recipients, so that they can relink them with the library after making "
"changes to the library and recompiling it. And you must show them these "
"terms so they know their rights."
msgstr ""
"Par exemple, si vous distribuez des copies de la bibliothque, que ce soit "
"titre gratuit ou contre un paiement, vous devez donner aux concessionnaires "
"tous les droits que nous vous avons concds. Si vous liez d'autres codes "
"avec la bibliothque, vous devez fournir des fichiers objets complets aux "
"concessionnaires, de sorte qu'ils peuvent les lier nouveau avec la "
"bibliothque aprs l'avoir modifie et recompile. Et vous devez leur "
"montrer ces termes de sorte qu'ils puissent connatre leurs droits."

#: C/index.docbook:115(sect1/para)
msgid ""
msgid "We protect your rights with a two-step method: (1) we copyright the library, "
"and (2) we offer you this license, which gives you legal permission to copy, "
"distribute and/or modify the library."
Nous protégeons vos droits par une méthode en deux tapes: (1) nous libellons la Bibliothèque avec une notice de propriété intellectuelle (copyright) et (2) nous vous offrons cette Licence, qui vous donne le droit de copier, distribuer ou modifier la bibliothèque.

Pour protéger chaque distributeur, nous voulons tablir de façon très claire qu'il n'y a aucune garantie pour la Bibliothèque libre. Aussi, si la Bibliothèque est modifiée par quelqu'un d'autre qui la redistribue ensuite, ses concessionnaires devraient savoir que ce qu'ils ont n'est pas la version originale, de sorte que la réputation de l'auteur original ne sera pas affectée cause de problèmes introduits par d'autres.

Enfin, les brevets logiciels constituent une menace constante contre l'existence même de tout logiciel libre. Nous voulons être sûr qu'une société ne peut pas effectivement restreindre les utilisateurs d'un programme libre en obtenant une licence restrictive d'un titulaire de brevet. Par conséquent, nous insistons pour que toute licence de brevet obtenue pour une version de la Bibliothèque doit être cohérente avec la présente Licence.

La plupart des logiciels GNU, y compris certaines bibliothèques, sont couverts par la Licence Générale Publique GNU (GNU General Public License)
"License). La présente licence s'applique certaines bibliothèques
"designes et est assez différente de la Licence Générale Publique. Nous "
"utilisons la présente licence pour certaines bibliothèques afin de permettre "
"de lier ces bibliothèques, sous certaines conditions, des programmes non "
"libres."

#: C/index.docbook:148(sect1/para)
msgid ""
msgid "When a program is linked with a library, whether statically or using a "
"shared library, the combination of the two is legally speaking a combined "
"work, a derivative of the original library. The ordinary General Public "
"License therefore permits such linking only if the entire combination fits "
"its criteria of freedom. The Lesser General Public License permits more lax "
"criteria for linking other code with the library."
msgstr ""
"Quand un programme est lié avec une bibliothèque, que ce soit statiquement "
"ou avec une bibliothèque partage, la combinaison des deux constitue, en "
"termes légaux, un travail combiné, un driv de la bibliothèque "
"originale. Il s'ensuit que la Licence Générale Publique ordinaire ne "
"permet une telle liaison que si l'entire combinaison remplit ses critères "
"et conditions de liberté. La Licence Générale Publique Limite permet de "
"desserrer les critères permettant de lier d'autres codes avec la "
"bibliothèque."

#: C/index.docbook:158(sect1/para)
msgid ""
msgid "We call this license the <quote>Lesser</quote> General Public License "
"because it does Less to protect the user's freedom than the ordinary General "
"License. It also provides other free software developers Less of an "
"advantage over competing non-free programs. These disadvantages are the "
"reason we use the ordinary General Public License for many libraries. "
"However, the Lesser license provides advantages in certain special "
"circumstances."
msgstr ""
"Nous appelons cette licence la Licence Générale Publique <quote>Limite</quote> "
"(Lesser General Public License) car elle offre en fait moindre "
"protection plus limitée de la liberté de l'utilisateur que celle offerte par "
"la <quote>Licence Générale Publique</quote> ordinaire. Elle offre aux autres "
"développeurs de logiciels libres un avantage plus limité face aux programmes "
"concurrents non libres. Ces désavantages sont la raison pour laquelle nous "
"utilisons la <quote>Licence Générale Publique</quote> ordinaire pour de "
"nombreuses bibliothèques. Cependant la licence limite offre des avantages "
"dans certaines circonstances spéciales."

#: C/index.docbook:168(sect1/para)
msgid ""
msgid "For example, on rare occasions, there may be a special need to encourage the "
"widest possible use of a certain library, so that it becomes a de-facto "
"standard. To achieve this, non-free programs must be allowed to use the " library. A more frequent case is that a free library does the same job as " widely used non-free libraries. In this case, there is little to gain by " limiting the free library to free software only, so we use the Lesser " General Public License."

msgid ""
msgstr ""
"Par exemple, en de rares occasions, il peut exister le besoin particulier " "d'encourager l'utilisation la plus large possible d'une certaine " "bibliothèque, afin qu'elle devienne un standard de facto. Pour arriver " "cette fin, des programmes non libres doivent pouvoir tre autoris " "utiliser la bibliothèque. Un cas plus fréquent est qu'une bibliothèque libre " "effectue les mêmes tâches que des bibliothèques non libres largement " "utilisées. Dans ce cas, il n'y a pas grand chose à gagner à limiter la " "bibliothèque libre aux seuls logiciels libres, aussi nous utilisons la " "Licence Générale Publique Limite."

#: C/index.docbook:178(sect1/para)
msgid ""
msgstr ""
"In other cases, permission to use a particular library in non-free programs " "enables a greater number of people to use a large body of free software. For " "example, permission to use the GNU C Library in non-free programs enables " "many more people to use the whole GNU operating system, as well as its " "variant, the GNU/Linux operating system."

msgid ""
msgstr ""
"Dans d'autres cas, l'autorisation d'utiliser une bibliothèque particulière " "dans des programmes non libres permet un plus grand nombre de personnes " "d'utiliser un corpus très large de logiciels libres. Par exemple, " "l'autorisation d'utiliser la bibliothèque C GNU dans des programmes non " "libres permet plus de personnes d'utiliser le système d'exploitation GNU " "tout entier, de même que sa variante, le système d'exploitation GNU/Linux."

#: C/index.docbook:187(sect1/para)
msgid ""
msgstr ""
"Although the Lesser General Public License is Less protective of the users' " "freedom, it does ensure that the user of a program that is linked with the " "Library has the freedom and the wherewithal to run that program using a " "modified version of the Library."

msgid ""
msgstr ""
"Bien que la Licence Générale Publique Limite semble limiter la " "protection de la liberté de l'utilisateur, elle assure que l'utilisateur " "d'un programme lié avec la bibliothèque dispose de la liberté et du choix " "d'exécuter ce programme en utilisant une version modifiée de la bibliothèque."

#: C/index.docbook:194(sect1/para)
msgid ""
msgstr ""
"The precise terms and conditions for copying, distribution and modification " "follow. Pay close attention to the difference between a <quote>work based on " "the library</quote> and a <quote>work that uses the library</quote>. The "

---

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"former contains code derived from the library, whereas the latter must be "
"combined with the library in order to run."

msgid ""

"Les termes et conditions précis concernant la copie, la distribution et la "
"modification suivent. Prenez une attention tout particulière aux différences "
"entre un <quote>travail bas sur la Bibliothèque</quote> et un "
"<quote>travail utilisant la Bibliothèque</quote>. Le premier contient du "
"code drivé de la bibliothèque, tandis que le second doit être combin avec "
"la bibliothèque afin de pouvoir être exécut."
"The <quote>Library</quote>, below, refers to any such software library or "
"work which has been distributed under these terms. A <quote>work based on "
"the Library</quote> means either the Library or any derivative work under "
"copyright law: that is to say, a work containing the Library or a portion of "
"it, either verbatim or with modifications and/or translated "
"straightforwardly into another language. (Hereinafter, translation is "
"included without limitation in the term <quote>modification</quote>.)" msgstr ""

"La <quote>Bibliothque</quote>, ci-dessous, se rfile toute telle "
"bibliothque logicielle ou travail qui a t distribu suivant ces termes. "
"Un <quote>travail bas sur la Bibliothque</quote> signifie soit la "
"Bibliothque ou tout travail driv pouvant tre soumis aux lois de "
"propriet intellectuelle: c'est--dire un travail contenant la Bibliothque "
"ou une portion de celle-ci, soit en copie conforme, soit avec des "
"modification ou traduit directement dans une autre langue. (Dans la suite ci-""
"dessous, les traductions sont inclues sans limitation dans le terme "
"modification.)"

#: C/index.docbook:233(sect2/para)
msgid ""
"<quote>Source code</quote> for a work means the preferred form of the work "
"for making modifications to it. For a library, complete source code means "
"all the source code for all modules it contains, plus any associated "
"interface definition files, plus the scripts used to control compilation and "
"installation of the library." msgstr ""

"Le <quote>code source</quote> d'un travail signifie la forme prfr du "
"travail permettant d'y effectuer des modifications. Pour une bibliothque, "
"le code source complet signifie tout le code source de tous les modules "
"qu'elle contient, plus tous les fichiers de dfinition d'interface associis, "
"plus les scripts utiliss pour contrler la compilation et l'installation de "
"la bibliothque."

#: C/index.docbook:241(sect2/para)
msgid ""
"Activities other than copying, distribution and modification are not covered "
"by this License; they are outside its scope. The act of running a program "
"using the Library is not restricted, and output from such a program is "
"covered only if its contents constitute a work based on the Library "
"(independent of the use of the Library in a tool for writing it). Whether "
"that is true depends on what the Library does and what the program that uses "
"the Library does." msgstr ""

"Les activits autres que la copie, la distribution et la modification ne "
"sont pas couvertes par cette Licence; elles sont en dehors de son tendue. "
"L'action d'excuter un programme utilisant la Bibliothque n'est pas "
"restreinte et les rsultats produits par un tel programme ne sont couverts "
"que si leur contenu constitue un travail bas sur la Bibliothque "

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"(indépendamment de l'utilisation de la Bibliothèque dans un outil utilis ")
"pour l'écriture). Que ce soit ou non le cas dépend de ce que réalise la 
"Bibliothèque, et de ce que fait le programme utilisant la Bibliothèque."

#: C/index.docbook:254(sect2/title)
msgid "Section 1"
msgstr "Section 1"

#: C/index.docbook:255(sect2/para)
msgid"
"You may copy and distribute verbatim copies of the Library's complete source 
"code as you receive it, in any medium, provided that you conspicuously and 
"appropriately publish on each copy an appropriate copyright notice and 
"disclaimer of warranty; keep intact all the notices that refer to this 
"License and to the absence of any warranty; and distribute a copy of this 
"License along with the Library."
msgstr"
"Vous pouvez copier et distribuer des copies conformes du code source complet 
"de la Bibliothèque que vous recevez, sur tout support, pourvu que vous 
"publiez scrupuleusement et de façon appropriée sur chaque copie la notice 
"de réservation de droit (copyright) et un dû de garantie; gardez 
"intactes toutes les notices qui se réfèrent cette Licence et l'absence 
"de toute garantie; et distribuez une copie de cette Licence en même temps 
"que la Bibliothèque."

#: C/index.docbook:265(sect2/para)
msgid"
"You may charge a fee for the physical act of transferring a copy, and you 
"may at your option offer warranty protection in exchange for a fee."
msgstr"
"Vous pouvez demander un paiement pour l'action physique de transfert d'une 
"copie et vous pouvez volont offrir une protection de garantie en change 
"d'un paiement."

#: C/index.docbook:273(sect2/title)
msgid "Section 2"
msgstr "Section 2"

#: C/index.docbook:283(listitem/para)
msgid "The modified work must itself be a software library."
msgstr "Le travail modifié doit être lui-même une bibliothèque logicielle."

#: C/index.docbook:288(listitem/para)
msgid"
"You must cause the files modified to carry prominent notices stating that 
"you changed the files and the date of any change."
msgstr"
"Vous devez assurer que les fichiers modifiés comportent des notices "
"
You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then...
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Library, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."

msgid ""
"Ces obligations s'appliquent au travail modifi dans son entier. Si des "
"sections identifiables de ce travail ne sont pas drives dans la "
"Bibliothque, et peuvent tre raisonnablement considres comme des travaux "
"indpendants et spars par eux-mmes, alors cette Licence et ses termes, ne "
"s'appliquent pas ces sections, ds lors que vous les distribuez en tant "
"que travaux spars. Mais quand vous distribuez les mmes sections en tant "
"que composants d'un ensemble constituant un travail bas sur la "
"Bibliothque, la distribution de l'ensemble doit se faire suivant les termes "
"de cette Licence, dont les autorisations accordes d'autres obtenteurs de "
"licences s'endent la totalit de l'ensemble et donc pour chacun des "
"composants indpendamment de qui les a crit."

#: C/index.docbook:332(listitem/para)
msgid ""
"Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Library."

msgid ""
"Aussi, ce n'est pas l'intention de cette section de clamer des droits ou de "
"contester vos droits sur des travaux crits entirement par vous; "
"l'intention est plutt d'exercer le droit de contrler la distribution des "
"travaux drivs ou collectifs bass sur la Bibliothque."

#: C/index.docbook:339(listitem/para)
msgid ""
"In addition, mere aggregation of another work not based on the Library with "
"the Library (or with a work based on the Library) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."";

msgid ""
"De plus, la simple aggregation avec la Bibliothque (ou avec un travail bas "
"sur la Bibliothque) d'un autre travail non bas sur la Bibliothque sur un "
"mme volume de stockage ou un support de distribution n'amne pas cet autre "
"travail dans le champ d'application de cette Licence."

#: C/index.docbook:274(sect2/para)
msgid ""
"You may modify your copy or copies of the Library or any portion of it, thus "
"forming a work based on the Library, and copy and distribute such "
"modifications or work under the terms of <link linkend="\sect1">Section 1</"
You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
"Cette option est utile quand vous souhaitez copier une partie du code de la "
"Bibliothèque en un programme qui n'est pas une bibliothèque."

#: C/index.docbook:378(sect2/title)
msgid "Section 4"
msgstr "Section 4"

#: C/index.docbook:380(sect2/para)
msgid"
"Vous pouvez copier et distribuer la Bibliothèque (ou une portion ou un "
"dérivé de celle-ci, suivant les termes de la <link linkend="sect2">Section "
"2</link>) sous forme de code objet ou exécutable suivant les termes des "
"<link linkend="sect1">Sections 1</link> et <link linkend="sect2">2</link> ci-dessus, pourvu que vous l'accompagniez avec le code source "
"correspondant sous forme lisible par une machine, qui doit être distribué "
"suivant les termes des <link linkend="sect1">Sections 1</link> et <link "
"linkend="sect2">2</link> ci-dessus sur un support utilisuellement pour "
"l'échange de logiciels."

#: C/index.docbook:392(sect2/para)
msgid"
"Si la distribution du code objet se fait en offrant l'accès la copie "
"depuis un emplacement designé, alors une offre d'accès équivalente pour "
"copier le code source depuis le même emplacement satisfait l'obligation de "
"distribuer le code source, même si des parties tierces ne sont pas obligés "
"de copier simultanément le source en même temps que le code objet."

#: C/index.docbook:403(sect2/title)
msgid "Section 5"
msgstr "Section 5"

#: C/index.docbook:405(sect2/para)
msgid ""
"A program that contains no derivative of any portion of the Library, but is "
"designed to work with the Library by being compiled or linked with it, is "
"called a <quote>work that uses the Library</quote>. Such a work, in "
"isolation, is not a derivative work of the Library, and therefore falls "
"outside the scope of this License."

msgid ""
msgstr ""

"Un programme qui ne contient aucun driv d'une quelconque portion de la "
"Bibliothque, mais est conu pour travailler avec la Bibliothque en tant "
"compil ou li avec cette Bibliothque, est appel un <quote>travail "
"utilisant la Bibliothque</quote>. Un tel travail, pris isolment, n'est pas "
"un travail driv de la Bibliothque et tombe par consquent hors du champ "
"d'application de cette Licence."

#: C/index.docbook:413(sect2/para)
msgid ""
msgid "However, linking a <quote>work that uses the Library</quote> with the "
"Library creates an executable that is a derivative of the Library (because "
"it contains portions of the Library), rather than a <quote>work that uses "
"the library</quote>. The executable is therefore covered by this License. "
"<link linkend="sect6">Section 6</link> states terms for distribution of "
"such executables."

msgid ""
msgstr ""

"Cependant, la liaison avec la Bibliothque d'un <quote>travail utilisant la "
"Bibliothque</quote> cre un excutable qui est un driv de la Bibliothque "
"(car il contient des portions de la Bibliothque), plut qu'un "
"<quote>travail utilisant la Bibliothque</quote>. L'excutable est par "
"consequent couvert par cette Licence. La <link linkend="sect6">Section 6</" 
"<link> tablit les termes de distribution de tels excutables."

#: C/index.docbook:422(sect2/para)
msgid ""
msgid "When a <quote>work that uses the Library</quote> uses material from a header "
"file that is part of the Library, the object code for the work may be a "
"derivative work of the Library even though the source code is not. Whether "
"this is true is especially significant if the work can be linked without the "
"Library, or if the work is itself a library. The threshold for this to be "
"true is not precisely defined by law."

msgid ""
msgstr ""

"Quand un <quote>travail utilisant la Bibliothque</quote> utilise des "
"lements d'un fichier d'entte faisant partie de la Bibliothque, le code "
"objet de ce travail peut tre un travail driv de la Bibliothque mme si "
"son code source ne l'est pas. Cette dfinition prendra son sens tout "
"particulirement si le travail peut tre li sans la Bibliothque ou si le "
"travail est lui-mme une bibliothque. Les dlimitations de ce cas ne sont "
"pas dfinies de faon prcise par la loi."

#: C/index.docbook:431(sect2/para)
msgid ""
"If such an object file uses only numerical parameters, data structure 
layouts and accessors, and small macros and small inline functions (ten 
lines or less in length), then the use of the object file is unrestricted, 
regardless of whether it is legally a derivative work. (Executables 
containing this object code plus portions of the Library will still fall 
under <link linkend="sect6">Section 6</link>.)"

msgstr ""

"Si un tel fichier objet utilise uniquement des paramètres numériques, des 
schémas et accesseurs de structures de données et de petites macros et 
petites fonctions en ligne (dix lignes de source ou moins en longueur), 
alors l'utilisation du fichier objet est non restreinte, indépendamment du 
fait que cela constitue également un travail driv. (Les règles de la 
"<link linkend="sect6">Section 6</link>" s'appliqueront tout de même aux 
"exécutables contenant ce code objet plus des portions de la Bibliothèque.)"

#: C/index.docbook:440(sect2/para)
msgid ""
msgid "Otherwise, if the work is a derivative of the Library, you may distribute 
the object code for the work under the terms of <link linkend="" 
"<sect6">Section 6</sect6>". Any executables containing that work also fall 
under <link linkend=""<sect6">Section 6</sect6>">, whether or not they are 
"linked directly with the Library itself."

msgstr ""

"Autrement, si le travail est un driv de la Bibliothèque, vous pouvez 
distribuer le code objet pour le travail suivant les termes de la <link 
"<sect6">Section 6</sect6>". Les règles de la <link linkend="" 
"<sect6">Section 6</sect6>" s'appliquent alors tout exécutable contenant ce 
"travail, que ce dernier soit ou ne soit pas lié directement avec la 
"Bibliothèque elle-même."

#: C/index.docbook:451(sect2/title)
msgid "Section 6"
msgstr "Section 6"

#: C/index.docbook:453(sect2/para)
msgid ""
msgid "As an exception to the Sections above, you may also combine or link a 
<quote>work that uses the Library</quote> with the Library to produce a work 
containing portions of the Library, and distribute that work under terms of 
"your choice, provided that the terms permit modification of the work for the 
"customer's own use and reverse engineering for debugging such modifications." 

msgstr ""

"Par exception aux Sections ci-dessus, vous pouvez aussi combiner ou lier un 
<quote>travail utilisant la Bibliothèque</quote> avec la Bibliothèque pour 
produire un travail contenant des portions de la Bibliothèque et distribuer 
"ce travail suivant les termes de votre choix, pourvu que ces termes 
"permettent la modification du travail pour les besoins propres du client et 
"l'ingénierie inverse permettant le débogage de telles modifications."
Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

Accompagner le travail avec une offre écrite, valide pour au moins trois ans, de donner au même utilisateur les éléments spécifiés dans la Sous-section 6a, ci-dessus, contre un paiement n'excédant pas le coût requis pour effectuer cette distribution.

If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

Si la distribution du travail est faite en offrant l'accès une copie depuis un emplacement désign, offrir un accès équivalent depuis le même emplacement pour copier les éléments spécifiés ci-dessus.

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

Vérifier que l'utilisateur a déjà reçu une copie de ces éléments ou que vous en avez déjà envoyé une copie à cet utilisateur.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- For an executable, the required form of the work that uses the "
"Library" must include any data and utility programs needed for "reproducing the executable from it. However, as a special exception, the "materials to be distributed need not include anything that is normally "distributed (in either source or binary form) with the major components "(compiler, kernel, and so on) of the operating system on which the "executable runs, unless that component itself accompanies the executable." msgstr ""

"Pour un executable, la forme requise du "travail utilisant la ""Bibliothèque" doit inclure toutes les données et programme ""utilitaires nécessaires permettant de reproduire l'executable partir de ""ceux-ci. Cependant, par exception, les matériels distribuer n'ont pas ""besoin d'inclure tout ce qui est normalement distribué (sous forme source ou ""binaire) avec les composants majeurs (compilateur, noyau et autres ""composants similaires) du systèmes d'exploitation sur lequel l'executable ""fonctionne, moins que ce composant lui-même accompagne l'executable."

#: C/index.docbook:535(sect2/para)
msgid ""
msgstr ""

"It may happen that this requirement contradicts the license restrictions of ""other proprietary libraries that do not normally accompany the operating ""system. Such a contradiction means you cannot use both them and the Library ""together in an executable that you distribute." msgstr ""

"Il peut arriver que ces conditions nécessaires contredisent les restrictions ""de licence d'autres bibliothèques propriétaires qui n'accompagnent pas ""normalement le système d'exploitation. Une telle contradiction signifie que ""vous ne pouvez pas les utiliser en même temps que la Bibliothèque dans un ""executable que vous distribuez."

#: C/index.docbook:546(sect2/title)
msgid "Section 7"
msgstr "Section 7"

#: C/index.docbook:548(sect2/para)
msgid ""
msgstr ""

"You may place library facilities that are a work based on the Library side-" "by-side in a single library together with other library facilities not " "covered by this License, and distribute such a combined library, provided " "that the separate distribution of the work based on the Library and of the " "other library facilities is otherwise permitted, and provided that you do " "these two things:"
msgstr ""

"Vous pouvez placer les facilités de bibliothèque qui sont un travail bas " "sur la Bibliothèque et etc dans une unique bibliothèque avec d'autres " "facilités de bibliothèque non couvertes par cette Licence et distribuer une " "telle bibliothèque combine, pourvu que la distribution spare du travail " "bas sur la Bibliothèque et des autres facilités de bibliothèque soient " "autrement permises et pourvu que vous effectuez chacune des deux taches "
"Accompany the combined library with a copy of the same work based on the "
"Library, uncombined with any other library facilities. This must be "
"distributed under the terms of the Sections above."

"Accompagner la bibliothèque combine avec une copie du mème travail bas sur "
"la Bibliothèque, non combine avec d'autres facilités de bibliothèque. Cela "
"doit tre distribué suivant les termes des Sections ci-dessus."

"Give prominent notice with the combined library of the fact that part of it "
"is a work based on the Library, and explaining where to find the "
"accompanying uncombined form of the same work."

"Donner une notice vidente avec la bibliothèque combine du fait qu'une "
"partie de celle-ci est un travail bas sur la Bibliothèque et expliquant où "
"trouver la forme non combine accompagnante du mème travail."

"You may not copy, modify, sublicense, link with, or distribute the Library "
"except as expressly provided under this License. Any attempt otherwise to "
"copy, modify, sublicense, link with, or distribute the Library is void, and "
"will automatically terminate your rights under this License. However, "
"parties who have received copies, or rights, from you under this License "
"will not have their licenses terminated so long as such parties remain in "
"full compliance."

"Vous ne pouvez pas copier, modifier, accorder des sous-licences, lier ou "
"distribuer la Bibliothèque autrement que d'une façon expressément "
"par cette Licence. Autrement, toute tentative de copier, modifier, accorder "
"des sous-licences, lier ou distribuer la Bibliothèque est invalide et mettra "
"fin automatiquement vos droits accordés sous cette Licence. Toutefois, "
"toute autre tierce partie qui a reçu des copies ou des droits, par vous "
"suivant les termes de cette Licence n'aura pas sa licence termine, aussi "
"longtemps que cette partie tierce continue de s'y conformer pleinement."
You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

Chaque fois que vous redistribuez la Bibliothèque (ou tout travail bas sur la Bibliothèque), le destinataire reçoit automatiquement une licence par l'auteur d'origine de la licence, permettant de copier, distribuer, lier ou modifier la Bibliothèque en accord avec les présents termes et conditions. Vous ne pouvez pas imposer davantage de restrictions sur l'exercice par le concessionnaire de cette licence des droits accordés dans la présente licence. Vous êtes dégagé de la responsabilité de contrôler la conformité d'usage de cette Licence par des parties tierces.
"If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library."

"Si, par suite d'une décision judiciaire ou d'une allégation d'infraction, des conditions vous sont imposées (que ce soit par une ordonnance de justice, une transaction amiable ou contractuelle ou toute autre raison), qui contredisent les conditions de cette Licence, elles ne vous dégagent pas des obligations de cette Licence. Si vous ne pouvez pas effectuer une distribution de façon satisfaire simultanément vos obligations sous cette Licence et toute autre obligation pertinente, alors vous ne pouvez en aucun cas distribuer la Bibliothèque. Par exemple, si une licence de brevet ne permettait pas une redistribution de la Bibliothèque sans paiement de royalties par tous ceux qui en reçoivent des copies directement ou indirectement, alors la seule façon pour vous de satisfaire à la fois les conditions imposées et cette Licence sera de vous abstenir de completment de toute distribution de la Bibliothèque."

"If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances."

"Si toute portion de cette section est jugée invalide ou inapplicable de plein droit dans une quelconque circonstance particulière, le maximum possible de cette section est supposé s'appliquer et la section dans son tout est supposé toujours applicable dans toutes les autres circonstances."

"It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent"
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
msgid ""
"Le but de cette section n'est pas de vous obliger enfreindre un quelconque "
"brevet ou d'autres prétentions des droits de propriété ou de contester la "
"validité de telles prétentions; cette section a pour seul but de protéger "
"l'intégrité du système de distribution des logiciels libres tel qu'il "
"fonctionne au moyen de pratiques de licences publiques. De nombreuses "
"personnes ont fait des contributions généreuses à la gamme très tendue de "
"logiciels distribués via ce système, en comptant sur l'application "
"rigoureuse et cohérente de ce système; il appartient seulement à l'auteur "
"ou au donateur de décider si il ou elle désire distribuer un logiciel via un "
"autre système et le concessionnaire de licence ne peut pas imposer ce choix."

#: C/index.docbook:656(sect2/para)
msgid ""
"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."
msgid ""
"Cette section a pour but d'établir de façon très claire ce que l'on croit "
"être une conséquence nécessaire du reste de cette Licence."

#: C/index.docbook:663(sect2/title)
msgid "Section 12"
msgstr "Section 12"

#: C/index.docbook:665(sect2/para)
msgid ""
"If the distribution and/or use of the Library is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Library under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded. "
"In such case, this License incorporates the limitation as if written in the "
"body of this License."
msgid ""
msgstr ""
"Si la distribution ou l'usage de la Bibliothèque est restreinte dans "
"certains pays, que ce soit par des brevets ou des interfaces soumises au "
"droit de propriété intellectuelle, le titulaire original de ce droit de "
"propriété qui place la Bibliothèque sous la couverture de cette Licence peut "
"ajouter une limitation géographique explicite de distribution excluant ces "
"pays, afin que la distribution soit permise seulement dans ou parmi les pays "
"non exclus. Dans un tel cas, cette Licence incorpore la limitation comme si "
"elle tait rputée écrite dans le corps de cette Licence."

#: C/index.docbook:677(sect2/title)
msgid "Section 13"

The Free Software Foundation may publish revised and/or new versions of the "Lesser General Public License from time to time. Such new versions will be "similar in spirit to the present version, but may differ in detail to "address new problems or concerns."

Each version is given a distinguishing version number. If the Library "specifies a version number of this License which applies to it and "<quote>any later version</quote>, you have the option of following the terms "and conditions either of that version or of any later version published by "the Free Software Foundation. If the Library does not specify a license "version number, you may choose any version ever published by the Free "Software Foundation."

If you wish to incorporate parts of the Library into other free programs "whose distribution conditions are incompatible with these, write to the "author to ask for permission. For software which is copyrighted by the Free "Software Foundation, write to the Free Software Foundation; we sometimes "make exceptions for this. Our decision will be guided by the two goals of "preserving the free status of all derivatives of our free software and of "promoting the sharing and reuse of software generally."

Si vous souhaitez incorporer des parties de la Bibliothèque dans tout autre "
"programme libre dont les conditions de distribution sont incompatibles avec "
"ces termes, crivez l'auteur ou demandez son autorisation. Pour les "
"logiciels dont les droits de propit sont detenus par la Free Software "
"Foundation, crivez la Free Software Foundation; nous faisons parfois des "
"exceptions pour celui-ci. Notre decision sera guide par les deux finalits "
"de prserver le statut libre de tous les drivs de nos logiciels libres et "
"de promouvoir le partage et la rutilisation des logiciels en gnral."

#: C/index.docbook:713(sect2/title)
msgid "NO WARRANTY"
msgstr "ABSENCE DE GARANTIE"

#: C/index.docbook:714(sect2/subtitle)
msgid "Section 15"
msgstr "Section 15"

#: C/index.docbook:716(sect2/para)
msgid """"BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "
"LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE "
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "
"LIBRARY <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED "
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF "
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "
"THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY "
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."

msgstr """"PUISQUE CETTE BIBLIOTHQUE FAIT L'OBJET D'UNE LICENCE QUI VOUS EST ACCORDE "
"SANS FRAIS, IL N'Y A AUCUNE GARANTIE POUR LA BIBLIOTHQUE, DANS LES LIMITES "
"AUTORISES PAR LA LOI APPLICABLE. MOINS QUE CELA NE SOIT TABLI "
"DIFFREMENT PAR CRIT, LES TITULAIRES DE DROITS DE PROPRIT OU LES AUTRES "
"PARTIES FOURNISSENT LA BIBLIOTHQUE <quote>TELLEQUELLE</quote> SANS "
"GARANTIE D'AUCEUNE SORTE, QUELLE SOIT EXPRIME OU IMPLICITE, CEI INCLUANT, "
"MAIS SANS LIMITATION, LES GARANTIES IMPLICITES DE MARCHANDABILIT ET "
"D'ADQUATION UN OBJECTIF PARTICULIER. VOUS ASSUMEZ SEUL LE RISQUE TOUT "
"ENTIER CONCERNANT LA QUALIT ET LA PERFORMANCE DE LA BIBLIOTHQUE. DANS "
"L'VENTUALIT OU LA BIBLIOTHQUE S'AVRERAIT DFECTUEUSE, VOUS ASSUMEREZ "
"VOUS-MME LE COT DE TOUS LES SERVICES, RPARATIONS OU CORRECTIONS "
"NCESSAIRES."

#: C/index.docbook:730(sect2/title)
msgid "Section 16"
msgstr "Section 16"

#: C/index.docbook:732(sect2/para)
msgid """"IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL "
"ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE "
"THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY "
"GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE "
"OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA "
"OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD "
"PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), "
"EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF "
"SUCH DAMAGES."

msgid ""
"EN AUCUNE AUTRE CIRCONSTANCE QUE CELLES QUE LA LOI REQUISES PAR LA LOI APPLICABLE OU "
"ACCORDES PAR CRIT, UN TITULAIRE DE DROIT DE PROPRIT, OU TOUT AUTRE "
"PARTIE QUI PEUT MODIFIER OU REDISTRIBUER LA BIBLIOTHEQUE COMME PERMIS CI- "
"DESSUS, NE POURRA TRE TENU POUR RESPONSABLE ENVERS VOUS POUR LES DOMMAGES, "
"INCLUANT TOUS DOMMAGE GNRAL, SPcial, ACCIDENTEL OU INDUIT SURVENANT PAR "
"SUITE DE L'UTILISATION OU DE L'INCAPACIT D'UTILISER LA BIBLIOTHEQUE (CECI "
"INCLUANT MAIS SANS LIMITATION LA PERTE DE DONNES OU L'INEXACTITUDE DES "
"DONNES RETOURNES OU LES PERTES SUBIES PAR VOUS OU DES PARTIES TIERCES OU "
"L'INCAPACIT DE LA BIBLIOTHEQUE FONCTIONNER AVEC TOUT AUTRE LOGICIEL), "
"MME SI UN TEL TITULAIRE OU TOUTE AUTRE PARTIE A T AVIS DE LA POSSIBILIT "
"DE TELS DOMMAGES."

msgid "2000"
msgid "2.1"
msgid "1999-02"
msgid "02/1999"
We protect your rights with two steps:
Offer you this license which gives you legal permission to copy, distribute and/or modify the software.

You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.

Exception:

If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.
You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)
Open Source Used In Data Center Network Manager 11 11.5(4) 7431

# Vietnamese translation for Free Documentation License.
# Copyright 2007 Free Software Foundation, Inc.
# Clytie Siddall <clytie@riverland.net.au>, 2007.

msgid ""
msgstr "Project-Id-Version: desktop-fdl HEAD\n"
POT-Creation-Date: 2007-06-29 03:27+0100\n"PO-Revision-Date: 2007-06-30 18:07+0930\n"Last-Translator: Clytie Siddall <clytie@riverland.net.au>\n"Language-Team: Vietnamese <gnomevi-list@lists.sourceforge.net>\n"MIME-Version: 1.0\n"Content-Type: text/plain; charset=UTF-8\n"Content-Transfer-Encoding: 8bit\n"Plural-Forms: nplurals=1; plural=0;\n"X-Generator: LocFactoryEditor 1.6.4a6\n"

#: C/fdl.xml:17
msgid "GNU Free Documentation License"
msgstr "Giy Phí Ti liu T Do GNU"

#: C/fdl.xml:18
msgid "Version 1.1, March 2000"
msgstr "Phin bn 1.1, Thng 3/2000"

#: C/fdl.xml:23
msgid "2000"
msgstr "2000"

#: C/fdl.xml:23
msgid "Free Software Foundation, Inc."
msgstr "Cty T Chc Phn Mm T Do"

#: C/fdl.xml:27
msgid "Free Software Foundation"
msgstr "T Chc Phn Mm T Do"

#: C/fdl.xml:31
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"It complements the GNU General Public License, which is a copyleft license"
"designed for free software."
msgid "Giy ph ny l kiu <quote>tc quyn ngc</quote>, c ngha l mi sn"
"phm bt ngun t i liu ny cng phi l t do v cng ngha. N b"
"tr Giy Php Cng cng GNU (GPL), mt giy php tc quyn ngc c"
"thit k cho phn mm dng t do."

#: C/fdl.xml:85
msgid ""
msgstr ""
"We have designed this License in order to use it for manuals for free"
"software, because free software needs free documentation: a free program"
"should come with manuals providing the same freedoms that the software does."
"But this License is not limited to software manuals; it can be used for any"
"textual work, regardless of subject matter or whether it is published as a"
"printed book. We recommend this License principally for works whose purpose"
"is instruction or reference."
msgid "Chng t thit k Giy php ny dng n vi s tay hng dn cch s"
"dng phn mm t do, v phn mm t do cn thit ti liu cng t"
"do: chng trnh t do nn c sn s tay cung cp cng nhng quyn t do vi"
"phn mm. Tuy nhin Giy php phy nhng b n ch trong cc s tay phn mm;"
"n c th c dng vi bt c vn bn no, bt chp ch, bt chp n l"
"cun sch c in ra hay khng. Chng ti ngh Giy php phy chnh cho ti liu"
"nhm ch hng dn hay tham kho."

#: C/fdl.xml:97
msgid "APPLICABILITY AND DEFINITIONS"
msgid "S THCH HP V LI NH NGHA"

#: C/fdl.xml:98
msgid ""
msgstr ""
"A <quote>Modified Version</quote> of the Document means any work containing"
"the Document or a portion of it, either copied verbatim, or with"
"modifications and/or translated into another language."
msgid ""<quote>Ti liu</quote>."
msgstr "Th c nh gi i tc quyn, nh ng n c th c ph hnh vi iu kin ca Giy php ny. <quote>Ti liu</quote> bn di i din bt c s tay hay vn bn no nh vy. Bt c ngi ngi no l ngi c cp bn quyn, v c gi l bn."

#: C/fdl.xml:107
msgid ""
msgstr ""
"A <quote>Modified Version</quote> of the Document means any work containing"
"the Document or a portion of it, either copied verbatim, or with"
"modifications and/or translated into another language."
msgid ""<quote>Phn bn Sa i</quote> ca Ti liu c ngha l bt c vn"
"bn cha Ti liu hay on no ca n, hoc c sao chp ng quyn vn, "
"hoc vi s sa i v/hay c dch sang ng ng khe."
"A <quote>Secondary Section</quote> is a named appendix or a front-matter " 
"section of the <link linkend="fdl-document">Document</link> that deals" 
"exclusively with the relationship of the publishers or authors of the " 
"Document to the Document's overall subject (or to related matters) and " 
"contains nothing that could fall directly within that overall subject. (For " 
"example, if the Document is in part a textbook of mathematics, a Secondary " 
"Section may not explain any mathematics.) The relationship could be a matter " 
"of historical connection with the subject or with related matters, or of " 
"legal, commercial, philosophical, ethical or political position regarding " 
"them."

msgid "" 
msgstr "<quote>Tit on Ph</quote> l ph c tn hay tit on trc ca <link " 
"linkend="fdl-document">Ti liu</link> m din t ch quan h ca nh xut " 
"bn hay tc gi ca Ti liu vi ch chnh ca Ti liu (hoc vi ch " 
"lin quan) v khng cha g nm trong ch chnh . (Ly th d, nu Ti " 
"liu c tit on l cun sch gio ton hc, Tit on Ph khng th din " 
"t g v ton hc.) Quan h ny c th l lin kt lc s vi ch hay " 
"vi ch lin quan, hoc l lun im hp php, thng mi, thuc trit " 
"hc, thuc o c hay chnh tr v chng."

#: C/fdl.xml:129 
msgid "" 
msgstr "<quote>Tit on Ph</quote> l ph c tn hay tit on trc ca <link " 
"linkend="fdl-document">Ti liu</link> m din t ch quan h ca nh xut " 
"bn hay tc gi ca Ti liu vi ch chnh ca Ti liu (hoc vi ch " 
"lin quan) v khng cha g nm trong ch chnh . (Ly th d, nu Ti " 
"liu c tit on l cun sch gio ton hc, Tit on Ph khng th din " 
"t g v ton hc.) Quan h ny c th l lin kt lc s vi ch hay " 
"vi ch lin quan, hoc l lun im hp php, thng mi, thuc trit " 
"hc, thuc o c hay chnh tr v chng."

#: C/fdl.xml:138 
msgid "" 
msgstr "<quote>Tit on Ph</quote> l ph c tn hay tit on trc ca <link " 
"linkend="fdl-secondary">Ti liu</link> c pt hnh di Giy php ny."

#: C/fdl.xml:146 
msgid "" 
msgstr "<quote>Tit on Ph</quote> l ph c tn hay tit on trc ca <link " 
"linkend="fdl-document">Ti liu</link> c pt hnh di Giy php ny."

"The <quote>Invariant Sections</quote> are certain <link linkend="fdl-" 
"secondary">Secondary Sections</link> whose titles are designated, as being " 
"those of Invariant Sections, in the notice that says that the <link linkend=" 
""fdl-document">Document</link> is released under this License."

msgid "" 
msgstr "<quote>Tit on Ph</quote> l ph c tn hay tit on trc ca <link " 
"linkend="fdl-secondary">Tit " 
"lin quan) v khng cha g nm trong ch chnh . (Ly th d, nu Ti " 
"liu c tit on l cun sch gio ton hc, Tit on Ph khng th din " 
"t g v ton hc.) Quan h ny c th l lin kt lc s vi ch hay " 
"vi ch lin quan, hoc l lun im hp php, thng mi, thuc trit " 
"hc, thuc o c hay chnh tr v chng."

#: C/fdl.xml:146 
msgid "" 
msgstr "<quote>Tit on Ph</quote> l ph c tn hay tit on trc ca <link " 
"linkend="fdl-document">Ti liu</link> c pt hnh di Giy php ny."

"The <quote>Cover Texts</quote> are certain short passages of text that are " 
"listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says " 
"that the <link linkend="fdl-document">Document</link> is released under " 
"this License."

msgid "" 
msgstr "<quote>Tit on Ph</quote> l ph c tn hay tit on trc ca <link " 
"linkend="fdl-document">Ti liu</link> c pt hnh di Giy php ny."

"A <quote>Transparent</quote> copy of the <link linkend="fdl-document"> " 
"Document</link> means a machine-readable copy, represented in a format whose " 
"specification is available to the general public, whose contents can be " 
"viewed and edited directly and straightforwardly with generic text editors " 
"or (for images composed of pixels) generic paint programs or (for drawings) " 

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"some widely available drawing editor, and that is suitable for input to text 
"formatters or for automatic translation to a variety of formats suitable for 
"input to text formatters. A copy made in an otherwise Transparent file 
"format whose markup has been designed to thwart or discourage subsequent 
"modification by readers is not Transparent. A copy that is not 
"<quote>Transparent</quote> is called <quote>Opaque</quote>.

msgid "" 'Bn sao <quote>Trong Sut</quote> ca <link linkend="fdl-document">Ti " 
"liu</link> nga l bn sao cho my c c, c i din theo mt nh dnng c c " 
"t cng b cho mi ngi xe m, c ni dung cho ngi dnng xe m v sa i mt " 
"cch trc tip v r r ng bng trnh son tho vn bn gng loi hay (i " 
"vi nh c cu trc theo im nh) trnh sn gng loi hay (i vi bc v) trnh hieu " 
"chnh bc v c cng b r ng ri, m thch hp nhp vo trnh nh dnng vn bn " 
"hay dch t ng sang nhiu nh dnng khc nhau thch hp nhp vo trnh nh " 
"dnng vn bn. Bn sao c to theo mt nh dnng tp tin Trong Sut bng cch khe tr n c m nh dnng c thit k chn hay can ngi ngi c 
"sa i th khng phi l " 
"Trong Sut. Bn sao khng phi l Trong Sut c gi l <quote>c</quote>.

msgid "" "Examples of suitable formats for Transparent copies include plain ASCII " 
"without markup, Texinfo input format, LaTeX input format, SGML or XML using " 
"a publicly available DTD, and standard-conforming simple HTML designed for " 
"human modification. Opaque formats include PostScript, PDF, proprietary " 
"formats that can be read and edited only by proprietary word processors, " 
"SGML or XML for which the DTD and/or processing tools are not generally " 
"available, and the machine-generated HTML produced by some word processors " 
"for output purposes only."

msgid "" "The <quote>Title Page</quote> means, for a printed book, the title page " 
"itself, plus such following pages as are needed to hold, legibly, the " 
"material this License requires to appear in the title page. For works in " 
"formats which do not have any title page as such, <quote>Title Page</quote> " 
"means the text near the most prominent appearance of the work's title, " 
"preceding the beginning of the body of the text."

msgid "" "Trang Tiu <quote>Trang Tiu</quote> c nga l, i vi cun sch c in ra, " 
"trang tiu chnh n, cng vi trang sau no cn thit hin th r " 
"rng nguyrn liu phi xut hin trn trang tiu, ty theo Giy phr ny. i vi vn bn theo nh dnng khng c trang tiu nh th, " 
"Trang Tiu <quote>Trang Tiu</quote> nga l vn bn gn v tr hin th r rng nth tiu ca vn bn, nm trc thn vn bn." 

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"It is requested, but not required, that you contact the authors of the Document well before redistributing any version of the Document."

msgstr "Yu cu, nhng khng cn thit bn lin lc vi nhng tc gi ca Ti liu kh trc khi pht hnh hng lot "
"bn sao, cho h c dp cung cp phin bn Ti liu c cp nht."

#: C/fdl.xml:266
msgid "MODIFICATIONS"
msgstr "SA I"

#: C/fdl.xml:267
msgid ""
"You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and "
"modification of the Modified Version to whoever possesses a copy of it. In 
"addition, you must do these things in the Modified Version:"

msgstr "Cho php bn sao chp v ph hnh <link linkend="fdl-modified">Phin bn "
" Sa i</link> ca <link linkend="fdl-document">Ti liu</link> vi 
"iu kin ca phn <link linkend="fdl-section2">2</link> v <link 
"linkend="fdl-section3">3</link> trn, min l bn ph hnh Phin bn 
" Sa i di chnh xc GPh Pnh ny, cn Phin bn Sa i l "
"nhm v ca Ti liu th cp quyn ph hnh v sa i Phin bn Sa "
"i cho ai c bn sao ca n. Hn na, bn phi l nhng vic ny trong "
"Phin bn Sa i:"
"List on the Title Page, as authors, "
"one or more persons or entities responsible for authorship of the "
"modifications in the Modified Version, "
"together with at least five of the principal authors of the Document" (all of its principal authors, if it has "less than five)."

msgid ""State on the Title Page the name of "
"the publisher of the Modified Version, "
"as the publisher."

msgid ""Include, immediately after the copyright notices, a license notice giving "
"the public permission to use the Modified Version under the terms of this License, in the form shown in the "
"Addendum below."

msgid ""Preserve all the copyright notices of the Document."
Invariant Sections and required Cover Texts given in the Document's license notice.

msgstr "Bo tn trong thng bo giy php nhng danh sch y cc"

"cover-texts" "Tit on Bt Bin" cc "cover-texts" "On Bs" "cn thit a ra trong thng bo giy php ca"

"<link linkend="fdl-document">Ti liu</link>.

#: C/fdl.xml:350
msgid "Include an unaltered copy of this License."
msgstr "Gm c mt bn sao cha thay i ca Giy php ny."

#: C/fdl.xml:356
msgid ""
msgstr ""

"Preserve the section entitled History, and its title, and add "
"to it an item stating at least the title, year, new authors, and publisher "
"of the Modified Version as given on "
"the Title Page. If there is no "
"section entitled History in the Document, create one stating the title, year, authors, and "
"publisher of the Document as given on its Title Page, then add an item "
"describing the Modified Version as stated in the previous sentence."

msgstr "Bo tn phn tn Lorem s "
"cng vi tiu ca n, v thm vo n mt mc ph biu t nht tiu , nm xut bn, cc tc gi
"mi v nh xut bn ca
"Phn bn Sa i

""Trang Tiu

"Khng c phn tn Lorem S trong <link linkend="fdl-document">"Ti
"liu</link>

"nh bn to mt biu t nht tiu , nm xut bn, cc tc gi v nh xut bn ca

"<link linkend="fdl-document">"Ti
"liu</link>

"nh a ra trn <link linkend="fdl-title-page">Trang Tiu</link>

"ca n, ri thm mt mc din t

"<link linkend="fdl-modified">Phn bn Sa i</link>

"nh c ph biu trong cu trc."

#: C/fdl.xml:372
msgid ""
msgstr ""

"Preserve the network location, if any, given in the Document for public access to a Transparent copy of the Document, and likewise the "
"network locations given in the Document for previous versions it was based "
"on. These may be placed in the Acknowledgements section. You may omit "
"a network location for a work that was published at least four years before "
"the Document itself, or if the original publisher of the version it refers "
"to gives permission."

msgstr "Bo tn a im trn mng, nu c, a ra trng <link linkend="fdl-document">"Ti liu</link>

"cho mi ngi truy cp mt bn sao <link linkend="fdl-transparent">"Trong Sut</link>

"ca <link linkend="fdl-document">"Ti liu</link>

"cng vy a im mng a ra trng <link linkend="fdl-document">"Ti liu</link>

"cho cc phn bn trc vo n da. Cho php bn chn nhng
"iu ny vo phn <quote>Lorem s</quote>

"Cho php bn b st mt a im mng i vi vn bn xut bn t nht bn nm trc"

"<link linkend="fdl-document">"Ti liu</link>

"chnh n, hoc nu nh xut bn gc ca phin bn n cp c cho php."

#: C/fdl.xml:387
msgid ""
msgstr ""

"In any section entitled Acknowledgements or "

---
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"<quote>Dedications</quote>, preserve the section’s title, and preserve in "
the section all the substance and tone of each of the contributor "
aknowledgements and/or dedications given therein."
msgstr "i vi bt c phn no tn <quote>Li Bo Nhnh</quote> hay <quote>Li Tng</quote>, bo tn tiu ca phn, cng bo tn trong n ton b nguy lien v ging iu u ca mi li bo nhn v/hay li tng ngi ng gp cho."

#: C/fdl.xml:397
msgid ""
msgstr "Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> "
of the <link linkend="fdl-document">Document</link>, unaltered in their "
text and in their titles. Section numbers or the equivalent are not "
considered part of the section titles."
msgstr "Bo tn tt c cc <link linkend="fdl-invariant"> Tit on Bt Bin</link> ca <link linkend="fdl-document">Ti liu</link>, c vn bn ln tiu u khng thay i. S hiu tit on hay tang ng khng c xem l phn ca tiu tit on."

#: C/fdl.xml:407
msgid ""
msgstr "Delete any section entitled <quote>Endorsements</quote>. Such a section may "
not be included in the <link linkend="fdl-modified">Modified Version</link>.
"link>."
msgstr "Xo b tit on no c tiu <quote>S Xc nhn</quote>. Khng cho php <link linkend="fdl-modified">Phin bn Sa i</link> cha tit on nh vy."

#: C/fdl.xml:416
msgid ""
msgstr "Do not retitle any existing section as <quote>Endorsements</quote> or to "
conflict in title with any <link linkend="fdl-invariant">Invariant "
Section</link>,."
msgstr "ng thay i tiu ca k c tit on tn ti thnh <quote>S Xc nhn</quote> hoc thnh g xung t vi tiu ca bt c <link linkend="fdl-invariant"> Tit on Bt Bin</link> no."

#: C/fdl.xml:425
msgid ""
msgstr "If the <link linkend="fdl-modified">Modified Version</link> includes new "
"front-matter sections or appendices that qualify as <link linkend="fdl-" secondary">
"Secondary Sections</link> and contain no material copied from "
"the Document, you may at your option designate some or all of these sections "
as invariant. To do this, add their titles to the list of <link linkend=""
"fdl-invariant">"Invarant Sections</link> in the Modified Version’s "
"license notice. These titles must be distinct from any other section titles." msgstr "Nu <link linkend="fdl-modified">Phin bn Sa i</link> gm c tit on trc hay ph lc th tu chun ca <link linkend="fdl-secondary">
"Tit on Ph</link> v khng cha nguy lien c sao chp t <link linkend="fdl-document">Ti liu</link>, cho php bn ty chn xc nh mt s hay tt c nhng tit on ny l bt bin. Lm nh th, hy thm cc tiu ca chng vo danh sch cc <link linkend="fdl-invariant">"Tit on Bt Bin</link> trong thng bo giy php ca <link linkend="fdl-modified" "Phin bn Sa i</link>. Nhng tiu ny phi ring bit vi bt k tiu tit on khc."

#: C/fdl.xml:437
msgid ""
"You may add a section entitled "Endorsements" provided it "
contains nothing but endorsements of your "Modified Version" by various parties--for example, statements of "
"peer review" or that the text has been approved by an organization as the "
"authoritative definition of a standard."

msgstr "Cho php bn thm mt tit on c tiu "Endorsements"", min l "
"n cha ch s xc nhn "Modified Version". Phin bn Sa i/S Xc nhn/". ca cc bn khc nhau ly th d, bi ph bnh ngang hng hay li ph t biu rng vn bn c tn thnh bi mt t chc no lm s xc nh c cn c ca mt tiu chn."

#: C/fdl.xml:446
msgid ""
msgstr ""
"You may add a passage of up to five words as a "Front-Cover Text", and a passage of up to 25 words as a "Back-Cover Text", to the end of the list "
of "Cover Texts" in the "Modified Version". Only one passage of Front-Cover "
"Text and one of Back-Cover Text may be added by (or through arrangements "
"made by) any one entity. If the "back" Text already includes a cover text for the same cover, previously added by "
"you or by arrangement made by the same entity you are acting on behalf of, "
"you may not add another; but you may replace the old one, on explicit "
"permission from the previous publisher that added the old one."

msgstr "Cho php bn thm mt on cha n mm t lm "Cover Texts". on Ba Trc/". va mt on cha n 25 t lm "Cover Texts". on Ba Sau/". vo kt thc ca danh sch cc "Cover Texts". on Ba/". trong "Cover Texts". Phin bn Sa i/". Cho php mi th thm (hay thu xp thm) ch mt "Cover Texts". on Ba Trc/". va ch mt "Cover Texts". on Ba Sau/". Nu "Cover Texts". Ti liu/". cha mt on "
"ba trn ba , c thm tre bi bn (hoc c thu xp thm bi cng mt "
"thc th bn i din), khng cho php bn thm on na; nhng bn c th thay th iu c nu nh xut bn thm n cho php dt khot."

#: C/fdl.xml:463
msgid ""
msgstr ""
"The author(s) and publisher(s) of the "Document" do not by this License give permission to use their names "
"for publicity for or to assert or imply endorsement of any "Modified Version"."

msgstr "(Nhng) te gi v nh xut bn ca "Modified Version". khng phi bng Giy Php ny cho php s dng tn ca h trong thnh cng khai hoc xc nhn (trc tip hay c ng ) bt c "Modified Version". Phin bn Sa i/". no."

#: C/fdl.xml:473
msgid "COMBINING DOCUMENTS"
msgstr "KT HP TI LIU"

#: C/fdl.xml:474
msgid ""
msgstr ""
"You may combine the "Document" with "
"other documents released under this License, under the terms defined in "

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"<link linkend="\"fldl-section4\"">section 4</link> above for modified versions, ")
"provided that you include in the combination all of the <link linkend="\"fldl-"
"invariant\">Invariant Sections</link> of all of the original documents, ")
"unmodified, and list them all as Invariant Sections of your combined work in ")
"its license notice.

msgid "Cho php bn kt hp <link linkend="\"fldl-document\">Ti liu</link> vi cc ti liu khc c ph ph nh di Giy php ny, vi 
iu kin c cx nh trong <link linkend="\"fldl-section4\">phn 4</link> trn v ph bn sa i, min l bn gm trong s kt hp tt c cc 
<link linkend="\"fldl-invariant\">Tit on Bt Bin</link> ca tt c cc ti liu gc, cha sa i, v lit k tt c chng l <link 
linkend="\"fldl-invariant\">Tit on Bt Bin</link> ca vn bn kt hp, trong thng bo giy php ca n."

#: C/fdl.xml:485
msgid """The combined work need only contain one copy of this License, and multiple ")
"identical <link linkend="\"fldl-invariant\">Invariant Sections</link> may be ")
"replaced with a single copy. If there are multiple Invariant Sections with ")
"the same name but different contents, make the title of each such section ")
"unique by adding at the end of it, in parentheses, the name of the original ")
"author or publisher of that section if known, or else a unique number. Make ")
"the same adjustment to the section titles in the list of Invariant Sections ")
"in the license notice of the combined work.

msgid "Vn bn kt hp cn phi cha ch mt bn sao ca Giy php ny; cng cho php thay th nhu <link linkend="\"fldl-
invariant\">Tit on Bt Bin</link> trng bng cng mt bn sao. Nu c nhu <link linkend="\"fldl-invariant\">Tit on Bt 
Bin</link> cng tn nhng khc ni dung, khin mi tiu tit on l duy nht, bng cch ph thm (trong ngoc) tn ca tc gi hay nh xut 
bn gc ca tit on , nu c bit, hoc mt s hiu. iu chnh trng ng nhng tiu tit on trong danh sch cc <link linkend="\"fldl-
invariant\">Tit on Bt Bin</link>, trong thng bo giy php ca vn bn kt hp."

#: C/fdl.xml:498
msgid """In the combination, you must combine any sections entitled <quote>History</quote>/
"<quote> in the various original documents, forming one section entitled ")
"<quote>History</quote>; likewise combine any sections entitled ")
"<quote>Acknowledgements</quote>, and any sections entitled ")
"<quote>Dedications</quote>. You must delete all sections entitled ")
"<quote>Endorsements.</quote>

msgid "Trong s kt hp, bn phi kt hp bt k tit on c tiu <quote>Lch s</quote> ca nhng ti liu gc khc nhau, th to cng mt tit 
on c tiu <quote>Lch s</quote>; cng vy kt hp bt k tit on c tiu <quote>Li Bo Nh</quote>, v bt k tit on c tiu 
<quote>Li Tng</quote>. Bn phi xo b m tit on c tiu <quote>S Xc Nh</quote>."

#: C/fdl.xml:509
msgid "COLLECTIONS OF DOCUMENTS"

#: C/fdl.xml:510
msgid """You may make a collection consisting of the <link linkend="\"fldl-document"
"/">Document</link> and other documents released under this License, and ")
"replace the individual copies of this License in the various documents with ")
"a single copy that is included in the collection, provided that you follow ")
"the rules of this License for verbatim copying of each of the documents in"
"all other respects."
msgstr "Cho php bn to mt tp hp cha <link linkend="fdl-document">Ti liu</link> v cc ti liu khc nhu cng c pt hnh
di Giy php ny, v th nhng bn sao ring ca Giy php ny trn nhng ti liu khc nhu bng cng mt bn sao c bao gm
trong tp hp , min l bn theo nhng quy tc ca Giy php ny mi phng din khc i vi vic sao chp ng nguyn vn mi ti liu."

#: C/fdl.xml:520
msgid ""
msgstr ""
"You may extract a single document from such a collection, and dispbibute it"
"individually under this License, provided you insert a copy of this License"
"into the extracted document, and follow this License in all other respects"
"regarding verbatim copying of that document."
msgstr "Cho php bn trch mt ti liu ring l ra tp hp nh vy, v pt hnh n mt cch ring di Giy php ny, min l bn chn mt bn sao
c Giy php ny vo ti liu trch ra, v theo Giy php ny mi phng din khc i vi vic sao chp ng nguyn vn ti liu."

#: C/fdl.xml:530
msgid "AGGREGATION WITH INDEPENDENT WORKS"
msgstr "TP HP VI SN PHM C LP"

#: C/fdl.xml:531
msgid ""
msgstr ""
"A compilation of the <link linkend="fdl-document">Document</link> or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, does not as a whole count as a"
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msgstr "S su tp <link linkend="fdl-document">Ti liu</link> hay cc ti liu dn xut vi cc ti liu hay sn phm ring v c lp khe, trong hay trn mt khi tin ca phng tin lu tr hay pt hnh, ton b khng phi c thn n mt <link linkend="fdl-modified">Phn bn Sai</link> ca <link linkend="fdl-document">Ti liu</link>, min l khng c tc quyn su tp c tuyn b v s su tp . S su tp ti liu nh vy c gi l <quote>khi tp hp</quote>, v Giy php ny khng p dmg cho nhng sn phm c lp khe c su tp vi <link linkend="fdl-document">Ti liu</link> do chng c su tp nh th, nu bn thn chng khng phi l sn phm dn xut ca <link linkend="fdl-document">Ti liu</link>. Nu nh cu <link linkend="fdl-cover-texts">on Ba</link> ca <link linkend="fdl-section3">phn 3</link> c th c p dmg cho nhng bn sao ny ca <link linkend="fdl-document">Ti liu</link> do nhu <link linkend="fdl-document">Ti liu</link> c khc c thn mt phn t ca ton b khc c ca khi tp hp, cho php bn hin th nhng <link linkend="fdl-cover-texts">on Ba</link> ca <link linkend="fdl-document">Ti liu</link> trn ba chung quanh ch <link linkend="fdl-document">Ti liu</link> phi xut hin trn ba chung quanh ton b khi tp hp."
"Translation is considered a kind of modification, so you may distribute "
"translations of the <link linkend="$fdl-document">Document</link> under the "
"terms of <link linkend="$fdl-section4">section 4</link>. Replacing <link "
"linkend="$fdl-invariant">Invariant Sections</link> with translations "
"requires special permission from their copyright holders, but you may "
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"under this License will not have their licenses terminated so long as such "
"parties remain in full compliance."

# C/fdl.xml:573
msgid "TERMINATION"
msgstr "KT THC"

# C/fdl.xml:574
msgid ""
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"License. Any other attempt to copy, modify, sublicense or distribute the "
"Document is void, and will automatically terminate your rights under this "
"License. However, parties who have received copies, or rights, from you "
"under this License will not have their licenses terminated so long as such "
"parties remain in full compliance."

# C/fdl.xml:587
msgid "FUTURE REVISIONS OF THIS LICENSE"
msgstr "BN SA I TNG LAI CA GIY PHP NY"
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"version published by the Free Software Foundation; with the <link linkend=""
"\"fdl-invariant\"">Invariant Sections</link> being LIST THEIR TITLES, with "
"the <link linkend="\"fdl-cover-texts\">Front-Cover Texts</link> being LIST, "
"and with the <link linkend="\"fdl-cover-texts\">Back-Cover Texts</link> being "
"LIST. A copy of the license is included in the section entitled <quote>GNU "
"Free Documentation License</quote>.

msgstr "C cp quyn sao chp, phnh nhay sa i ti liu ny vi iu kin ca Giy phm Ti liu T do GNU (GFDL), Phm bn 1.1
hay bt c phm bn sau no c nng b i T chc Phm mm T do; cn nhng <link linkend="\"fdl-invariant\">Tit on Bt Bin</link>
1 LIT K CC TIU , cn nhng <link linkend="\"fdl-cover-texts\">on Ba Trc</link> 1 LIT K, v cn nhng <link
linkend="\"fdl-cover-texts\">on Ba Sau</link> 1 LIT K. Mt bn sao ca giy phm c gm trong tit on c tiu "
"<quote>Giy phm Tl liu T do GNU</quote>.

#: C/fdl.xml:640
msgid ""
msgstr ""
"If you have no <link linkend="\"fdl-invariant\">Invariant Sections</link>, "
"write <quote>with no Invariant Sections</quote> instead of saying which ones "
"are invariant. If you have no <link linkend="\"fdl-cover-texts\">Front-Cover "
"Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "
"<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend=""
"\"fdl-cover-texts\">Back-Cover Texts</link>.

msgstr "Nu bn khng c <link linkend="\"fdl-invariant\"> Tit on Bt Bin</link>, "
"hy vit <quote>khung c Tit on Bt Bin</quote> thay cho lit k nhng "
"tit on bt bin. Vy nu bn khng c <link linkend="\"fdl-cover-texts\""</link> "
"\>on Ba Trc</link>, vit <quote>khung c on Ba Trc</quote> "
"thay cho lit k chng; cng vy i vi <link linkend="\"fdl-cover-texts\">on Ba Sau</link>.

#: C/fdl.xml:650
msgid ""
msgstr ""
"If your document contains nontrivial examples of program code, we recommend "
"releasing these examples in parallel under your choice of free software "
"license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html">GNU General Public License</ulink>, to permit their use in free "
"software."

msgstr "Nu ti liu ca bn cha mu th d ng k ca m ngn chng trnh, khuyen bn phnh nhng mu ny mt cch song song di giy
php phn mm t do mun, v.d. <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html"> Giy phm Cng cng
GNU</ulink> (GPL), cho phm ngi khc dng m ny trong phn mm t do."

#: C/fdl.xml:0
# Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
msgid "translator-credits" msgstr "Nhmk Vit ha Gnome <gnomevi-list@lists.sourceforge.net>"
# gnome-desktop/desktop-docs/fdl/
# Slovenian translations for desktop FDL licence.
# Copyright (C) 2009 desktop FDL COPYRIGHT HOLDER
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msgid "e je zahtevanih besedil za katero od platnic preve, da bi jih bilo mogoe podati itljivo, je treba najprej vstaviti
prve natete (kolikor jih pa razumno gre) na pravo platnico, in vstaviti preostanek na strani, ki neposredno sledijo
naslovnici."

#: C/index.docbook:237(sect1/para)
msgid "If you publish or distribute <link linkend="fdl-transparent">Opaque</link> copies of the <link
linkend="fdl-document">Document</link> numbering more than 100, you must either include a machine-readable
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Opaque copy a publicly-accessible computer-network location containing a complete Transparent copy of the
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steps, when you begin distribution of Opaque copies in quantity, to ensure that this Transparent copy will remain
thus accessible at the stated location until at least one year after the last time you distribute an Opaque copy (directly
or through your agents or retailers) of that edition to the public."

msgid "e objavljate ali razirjate <link linkend="fdl-transparent">Nejasne izvode</link> tega <link linkend="fdl-
document">Dokumenta</link>, v nakladi ve kot 100 izvodov, je treba bodisi vkljuiti strojno berljivo <link
linkend="fdl-transparent">Jasno obliko</link> poleg vsakega Nejsasnega izvoda, ali poleg vsakega Nejsasnega
izvoda objaviti tudi javno dostopno mesto v raunalnikem omreju, kjer je dostopna popolna Jasna kopija dokumenta,
brez dodatnega materiala, in kjer jo splona javnost, ki uporablja omreje, lahko brezplano prejme preko javnih
standardnih omrenih protokolov. e uporabite zadnjo izbiro, je treba razumno preudarno  poskrbeti za to, da bo po
objavi Nejasne oblike dela, Jasna oblika ostala dostopna na objavljenem mestu vsaj e eno leto po preteku datuma, ko
je javnosti posredovan (neposredno ali prek zastopnikov oziroma trgovcev na drobno) zadnji Nejasni izvod."

#: C/index.docbook:257(sect1/para)
msgid "It is requested, but not required, that you contact the authors of the <link linkend="fdl-
document">Document</link> well before redistributing any large number of copies, to give them a chance to
provide you with an updated version of the Document."

msgid "Priporoeno je, ne pa tudi zahtevano, da se precej pred zaetkom razirjanja vejega tevila izvodov, vzpostavi
stik z avtorji tega <link linkend="fdl-document">Dokumenta</link>, da imajo monost priskrbeti pred razirjanjem
posodobljene razliice dokumenta."

#: C/index.docbook:266(sect1/title)
msgid "MODIFICATIONS"

msgid "Spremembe"

#: C/index.docbook:267(sect1/para)
msgid "You may copy and distribute a <link linkend="fdl-modified">Modified Version</link> of the <link
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msgstr "V tem obvestilu dovoljenja ohranite popoln seznam Nespremenljivih razdelkov in zahtevani Besedil na ovitku, podanih v obvestilu dovoljenja tega Dkumenta.".

#: C/index.docbook:350(listitem/para)
msgid "Include an unaltered copy of this License."  
msgstr "Vkljuite nespremenjen izvod tega dovoljenja."

#: C/index.docbook:356(listitem/para)
msgid "Preserve the section entitled <quote>History</quote>, and its title, and add to it an item stating at least the title, year, new authors, and publisher of the <link linkend="fdl-modified">Modified Version </link>as given on the <link linkend="fdl-title-page">Title Page</link>. If there is no section entitled <quote>History</quote> in the <link linkend="fdl-document">Document</link>, create one stating the title, year, authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.

msgstr "Ohranite razdelek, imenovan <quote>Zgodovina</quote>, in njegov naslov, in vanj dodajte postavko z vsaj naslovom, letom, novimi avtorji in izdajateljem Spremenjene razliice, kot je podana na <link linkend="fdl-title-page">Naslovni strani</link>. e v dokumentu ni razdelka, imenovanega <quote>Zgodovina</quote>, ga ustvarite, in podajte naslov, leto, avtorje in izdajatelja kot je podan na njegovi Naslovni strani, potem pa e dodajte postavko, v kateri opiite Spremenjeno razlico, kot pie v prejnjem stavku."

#: C/index.docbook:372(listitem/para)
msgid "Preserve the network location, if any, given in the <link linkend="fdl-document">Document</link> for public access to a <link linkend="fdl-transparent">Transparent</link> copy of the Document, and likewise the network locations given in the Document for previous versions it was based on. These may be placed in the <quote>History</quote> section. You may omit a network location for a work that was published at least four years before the Document itself, or if the original publisher of the version it refers to gives permission.

msgstr "V kolikor obstaja, je priporoeno ohraniti omreno mesto, za javni dostop do Transparent copy of the Document, in podobno tudi vsa omrena mesta s prejnjimi razliicami dokumenta, ki so navedena v dokumentu. Priporoljivo jih je dodati v razdelek <quote>Zgodovine</quote>. Mogoe pa je omrena mesta tudi izpustiti za delo, ki je bilo izdano vsaj tiri leta pred samim dokumentom, ali, e izdajatelj, omenjen v ustreznem razlici, to dovoli."

#: C/index.docbook:387(listitem/para)
msgid "In any section entitled <quote>Acknowledgements</quote> or <quote>Dedications</quote>, preserve the section's title, and preserve in the section all the substance and tone of each of the contributor acknowledgements and/or dedications given therein."

msgstr "V vsakem razdelku, poimenovanem <quote>Zahvale</quote> ali <quote>Posvetila</quote>, je treba ohraniti naslov razdelka in v razdelku ohraniti vse izvorno vsebino za vse podane zahvale in/ali posvetila."

#: C/index.docbook:397(listitem/para)
msgid "Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> of the <link linkend="fdl-document">Document</link>, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles."

msgstr "Ohraniti je treba vse <link linkend="fdl-invariant">Nespremenljive razdelke</link> <link linkend="fdl-document">Dokumenta</link>, z nespremenjenim besedilom in naslovi. tevilke ali druge oznake razdelkov ne
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msgid "COLLECTIONS OF DOCUMENTS"
msgstr "Zbirka dokumentov"

#: C/index.docbook:510(sect1/para)
msgid "You may make a collection consisting of the <link linkend="fdl-document">Document</link> and other documents released under this License, and replace the individual copies of this License in the various documents with a single copy that is included in the collection, provided that you follow the rules of this License for verbatim copying of each of the documents in all other respects."
msgstr "Dovoljeno je napraviti zbirko tega <link linkend="fdl-document">Dokumenta</link> in drugih dokumentov, izdanih pod pogoji tega dovoljenja, in nadomestiti posamezne izvode tega dovoljenja v različnih dokumentih z enim samim izvodom, ki je vključen v zbirko, upotrebovajo zahteve tega dovoljenja za dobesedno razmnoževanje vsakega od teh dokumentov v vseh drugih pogledih."

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msgid "You may extract a single document from such a collection, and distribute it individually under this License, provided you insert a copy of this License into the extracted document, and follow this License in all other respects regarding verbatim copying of that document."
msgstr "Iz take zbirke je dovoljeno izluiti posamezen dokument in ga posebej razirjati pod pogoji tega dovoljenja, e je v izluen dokument vstavljen izvod tega dovoljenja in v vseh drugih ozirih glede dobesednega razmnoževanja upotrebovajo to dovoljenje."

#: C/index.docbook:530(sect1/title)
msgid "AGGREGATION WITH INDEPENDENT WORKS"
msgstr "Zdruevanje z neodvisnimi deli"

#: C/index.docbook:531(sect1/para)
msgid "A compilation of the <link linkend="fdl-document">Document</link> or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, does not as a whole count as a <link linkend="fdl-modified">Modified Version</link> of the Document, provided no compilation copyright is claimed for the compilation. Such a compilation is called an <quote>aggregate</quote>, and this License does not apply to the other self-contained works thus compiled with the Document, on account of their being thus compiled, if they are not themselves derivative works of the Document. If the <link linkend="fdl-cover-texts">Cover Text</link> requirement of <link linkend="fdl-section3">section 3</link> is applicable to these copies of the Document, then if the Document is less than one quarter of the entire aggregate, the Document's Cover Texts may be placed on covers that surround only the Document within the aggregate. Otherwise they must appear on covers surrounding the whole aggregate."
msgstr "Zdruevanje <link linkend="fdl-document">Dokumenta</link> ali njegovih izpeljanih različic z drugimi lojenimi in neodvisnimi dokumenti ali deli, v knjigi ali kakršnimkoli nosilcu hrambe ali razirjanja, kot celoto ne teje za <link linkend="fdl-modified">Spremenjeno različico</link> dokumenta, e za združeno zbirko nihe ne zahteva pravac razirjanja. Takno združeno delo se imenuje <quote>zbirka</quote> in to dovoljenje ne velja za druga samostojna dela, tako združena z dokumentom, zaradi tega, ker so združena z dokumentom, e niso sama izpeljana dela dokumenta. V kolikor so zahteve <link linkend="fdl-cover-texts">besedila na ovitku</link> skladne z <link linkend="fdl-section3">oddelkom 3</link> tega dokumenta, potem je dovoljeno, v kolikor je dokument del, ki je
manji od etrte ceotne zbirk, besedilo na naslovnic postaviti na platnici, ki sta neposredno povezani le z
dokumentom v zbirki. Sicer mora biti besedilo izpisano na naslovnicah ceto ceotne zbirk.

#: C/index.docbook:554(sect1/title)
msgid "TRANSLATION"
msgstr "Prevod"

#: C/index.docbook:555(sect1/para)
msgid "Translation is considered a kind of modification, so you may distribute translations of the <link
linkend="fdl-document">Document</link> under the terms of <link linkend="fdl-section4">section 4</link>. Replacing <link linkend="fdl-invariant">Invariant Sections</link> with translations requires special permission
from their copyright holders, but you may include translations of some or all Invariant Sections in addition to the
original versions of these Invariant Sections. You may include a translation of this License provided that you also
include the original English version of this License. In case of a disagreement between the translation and the
original English version of this License, the original English version will prevail."
msgstr "Prevod teje za vrsto spremembe, zato lahko razirjate prevode <link linkend="fdl-
document">Dokumenta</link> pod pogoj <link linkend="fdl-section4">4. razdelka</link>. Nadomeanje <link
linkend="fdl-invariant">Nespremenljivih razdelkov</link> s prevodi zahteva posebno dovoljenje imetnikov pravic
njihovega razirjanja, lahko pa vključite prevode nekaterih Nespremenljivih razdelkov poleg izvirnih razlic teh
Nespremenljivih razdelkov. Vključite lahko tudi prevod tega dovoljenja, e vključite tudi izvirno angleko razlicico tega
dovoljenja. V primeru neskladja med prevodom in anglekim izvirnikom tega dovoljenja, velja izvirna angleka
razlicica."

#: C/index.docbook:573(sect1/title)
msgid "TERMINATION"
msgstr "Prenehanje veljavnosti"

#: C/index.docbook:574(sect1/para)
msgid "You may not copy, modify, sublicense, or distribute the <link linkend="fdl-document">Document</link>
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Document is void, and will automatically terminate your rights under this License. However, parties who have
received copies, or rights, from you under this License will not have their licenses terminated so long as such parties
remain in full compliance."
msgstr "<link linkend="fdl-document">Dokumenta</link> ni dovoljeno razmnoevati, spremnijati, podrejati
dovoljenja ali ga razirjati, razen e je to izrecno dovoljeno s tem dovoljenjem. Vsak drugi poskus razmnoevanja,
spremnijanja, podrejanja dovoljenja ali razirjanja Dokumenta je nien, in samodejno prekine vae pravice, izhajajo iz
tega dovoljenja. Vendar pa se osebam, ki so svoj izvod ali pravice dobile od vas pod tem dovoljenjem, dovoljenje ne
prekine, dokler se ji popolnoma podrejajo. "

#: C/index.docbook:587(sect1/title)
msgid "FUTURE REVISIONS OF THIS LICENSE"
msgstr "Prihodnje popravljene izdaje tega dovoljenja"

#: C/index.docbook:588(sect1/para)
msgid "The <ulink type="http" url="http://www.gnu.org/fsf/ffs.html">Free Software Foundation</ulink> may
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msgid "If you have no <link linkend="fdl-invariant">Invariant Sections</link>, write <quote>with no Invariant Sections</quote> instead of saying which ones are invariant. If you have no <link linkend="fdl-cover-texts">Front-Cover Texts</link>, write <quote>no Front-Cover Texts</quote> instead of <quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend="fdl-cover-texts">Back-Cover Texts</link>.

msgstr "V primeru, da ni <link linkend="fdl-invariant">Nespremenljivih razdelkov</link>, je treba v dokumentu zapisati, da je ta <quote>brez Nespremenljivih razdelkov</quote>, namesto, da so posami opredeljeni. Podobno je treba storiti tudi, e ni <link linkend="fdl-cover-texts">Besedila na ovitku</link>.

#: C/index.docbook:650(sect1/para)
msgid "If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html"> GNU General Public License</ulink>, to permit their use in free software."

msgstr "V kolikor dokument vsebuje netrivialne primere programske kode, vam priporoamo, da te primere izdate vzporedno pod dovoljenjem proste programske opreme, kot je Splono dovoljenje GNU (angl. GNU General Public License), po vaem izboru, da dovolite rabo te kode v prostih programih."

#~ msgid "2000"
#~ msgstr "2000"

#~ msgid "1.1"
#~ msgstr "1.1"

<?xml version="1.0" encoding="utf-8"?>
<!DOCTYPE article PUBLIC "-//OASIS//DTD DocBook XML V4.1.2//EN" "http://www.oasis-open.org/docbook/xml/4.1.2/docbookx.dtd">
<!--
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Maintained by the GNOME Documentation Project http://developer.gnome.org/projects/gdp
Version: 1.0.1
Last Modified: Dec 16, 2000
-->
<releaseinfo>Versio 2, keskuu 1991</releaseinfo>

<abstract role="description"><para>Yleens tietokoneohjelmien lisenssisopimukset on suunniteltu siten, että ne estvät ohjelmien vapaan jakamisen ja muuttamisen. Sen sijaan GPL-lisenssi on suunniteltu takaamaan kyttäjän vapautta jakaa ja muuttaa ohjelmaa lisenssi varmistaen, että ohjelma on vapaan kaikille kyttjille.</para></abstract>

<sect1 id="preamble" label="none">
<title>Johdanto</title>

<para>Jokaisen joka esimerkiksi levittäytyy GPL-lisenssin sisäistä ohjelmasta, ilmaiseksi tai maksusta, on annettava kyttäjälle kaikki oikeudet, jotka hänellä on. Jokaisella kyttijillä on oltava varmasti mahdollisuus saada
ohjelman lhdekoodi. Ohjelman kyttjille on myskin esitettv tnn lisenssisopimuksen ehdot, jotta he tietvt oikeutensa.</para>

<p align="center"></p>

&lt;para&gt;Jokaisen oikeudet turvataan kahdella toimenpiteell: &lt;orderedlist numeration="arabic"&gt;
&lt;listitem&gt;
&lt;para&gt;ohjelma suojataan tekijnoikeudella, ja</para&gt;
&lt;/listitem&gt;
&lt;listitem&gt;
&lt;para&gt;kyttjille tarjotaan tm lisenssi, joka antaa laillisen luvan kopioida, levitt ja muuttaa ohjelmaa.</para&gt;
&lt;/listitem&gt;
&lt;/orderedlist&gt;
&lt;/para&gt;

<p align="center"></p>

&lt;para&gt;Edelleen, jokaisen jakseen kepään ja Free Software Foundationin suojaamiseksi on varmistettava, ett jokainen ymmrt, ett vapaalla ohjelmalla ei ole takuuta. Jos joku muuttaa ohjelmaa ja levitt sen edelleen, ohjelman vastaanottajien on tiedettv, ett heill ei ole alkuperist ohjelmaa. Joten mik tahansa ongelma, jonka muut ovat aikaansaaneet, ei vaikuta alkuperisen tekijän maineeseen.</para>

<p align="center"></p>

&lt;para&gt;Ohjelmistopatentit uhkaavat jokaista vapaasta ohjelmasta. On olemassa varattua, ett vapaaiden ohjelmien levittj patentoivat ohjelmia sill seurauksella, ett heill on ohjelmiin omistusoikeus. Tmn vlttmiseksi jokainen patentti on joko lisensoitava ilmaiseksi kaikille kyttjille tai jettv kokonaan lisensoimatta.</para>

<p align="center"></p>

&lt;para&gt;Seuraa tarkat ehdot vapaiden ohjelmien kopioiduista, levittmisest ja muuttamisesta. &lt;/para&gt;

&lt;/sect1&gt;

&lt;sect1 id="terms" label="none"&gt;
&lt;title&gt;Ehdot kopioiduista, levittmisest ja muuttamisesta&lt;/title&gt;

&lt;sect2 id="sect0" label="0"&gt;
&lt;title&gt;Kohta 0&lt;/title&gt;

&lt;para&gt;Tt Lisenssi sovelletaan kaikkiin ohjelmiin tai muihin teoksiin, jotka sisltvtekijnoikeuden haltijan ilmoituksen, ett teoksen levittminen tapahtuu GPL-lisenssin ehtojen mukaan. &lt;quote&gt;Ohjelma&lt;/quote&gt; viittaa kaikkiin tllisiin tietokoneohjelmiin ja muihin teoksiin. &lt;quote&gt;Ohjelmaan perustuva teos&lt;/quote&gt; tarkoittaa joko Ohjelmaa tai mit tahansa tekijnoikeuslain mukaista jkiperist teosta: toisin sanoen teosta, joka sislt Ohjelman tai osan siit, kirjaimellisesti tai muutettuna, tai toiselle kielelle kunnitettyn. (Tst eteenpin kln sisltvys ksilteeseen &lt;quote&gt;muutos&lt;/quote&gt;). &lt;quote&gt;Lisessin saaja&lt;/quote&gt; on se, jolle ohjelma lisensoidaan.</para>

<p align="center"></p>

&lt;para&gt;Tm lisenssi ei kata muita toimenpiteit kuin kopioiduista, levittmisest ja muuttamisesta. Ohjelman ajaminen ei ole kielletty. Ohjelman tulosteen on tm Lisenssin alainen vain silloin, kun se muodostaa Ohjelman perustuvan teoksen (riippumatta siit ajetaanko Ohjelmaa vai ei). Milloin tuloste on Lisenssin alainen riippuu siit, mit Ohjelma tekee.</para>

&lt;/sect2&gt;

&lt;sect2 id="sect1" label="1"&gt;
&lt;title&gt;Kohta 1&lt;/title&gt;

&lt;para&gt;Lisessin saajalla on oikeus kopiooida ja leivtt sanatarkkoja kopioita Ohjelman lhdekoodista sellaisena kuin se on saatu, mill tahansa laitteella. Ehtona on, ett asianmukaisesti jokaisesta kopioista ilmenee kenell on siihen tekijnoikeus ja ett Ohjelmaa ei ole tukuta; edelleen, kaikki viitaukset tnn Lisessin ja ilmoitukseen takuun
puuttumisesta on pidettä koskemattomana; ja vielä, jokaiselle Ohjelman vastaanottajalle on annettava tm Lisenssi ohjelman mukana.</para>

Lisenssin saaja voi pyytää maksun Ohjelman kopioimisesta ja voi halutessaan myydä Ohjelman takuun.</para>

<sect2 id="sect2" label="2">
<title>Kohta 2</title>
<para>
You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

<orderedlist numeration="loweralpha">
<li>
<para>You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.</para>
</li>
<li>
<para>You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.</para>
</li>
<li>
<para>If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License.</para>
</li>
</orderedlist>

<note>
<title>Exception:</title>
<para>If the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.</para>
</note>
You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

Teoksen lähdekoodi tarkoittaa sen suositeltavaa muotoa muutosten tekemistä varten. Ajettavan teoksen tydellinen lähdekoodi tarkoittaa kaikkia lähdekoodia kaikkiin teoksen sisältämän moduleihin ja liskoi kaikkiin sen mukana seuraaviin kytäntymiedostoihin sek skripteihin, joilla hallitaan ajettavan teoksen asennusta ja kntmistä. Kuitenkin erityisen poikkeuksenä levitetyn lähdekoodin ei tarvitse sisältää mitään sellaista, mik yleens levitetään (joko lähdekoodin tai binaarimuodon) kytijärjestelmän pkkomponenttien (knt, ydin, jne.) mukana, joiden pl teosta ajetaan, ellei tällä komponentilla tule ajettavan teoksen mukana.

Jos ajettavan tai objektiikoodin levittäminen tehdään tietystä paikasta olevaan kopioon, tällöin tarjoavalla vastavasti tietystä paikasta olevaan lähdekoodiin luetaan lähdekoodin levittämiseksi, vaikka kolmansia osapuolia ei pakotettaisi kopioimaan lähdekoodia objektiikoodin mukana.

Ohjelman kopioiminen, muuttaminen, lisensointi edelleen tai Ohjelman levittäminen muuten kuin tmn Lisenssin ehtojen mukaisesti on kielletty. Kaikki yritykset muulla tavoin kopiooida, muuttaa, lisensoida edelleen tai levittää Ohjelmia ovat ptemttä ja johtavat automaattisesti tmn Lisenssin mukaisen oikeuksien pttymiseen. Sen sijaan ne, jotka ovat saaneet kopioita tai oikeuksia Lisenssin saajalta tmm Lisenssin ehtojen mukaisesti, eivt menetä saamaan lisensoiutuja oikeuksia niin kauan kuin he noudattavat tnt ehtoja.


Aina kun Ohjelmaa (tai Ohjelmaan perustuvaa teosta) levitetään, vastaanottaja saa automaattisesti
alkuperiselt tekijlt lisenssin kopioidta, levitt ja muuttaa Ohjelmaa niden ehtojen ja edellytysten sitomina. Vastaanottojalle ei saa asettaa mitn lisajoitteita tss annetun oikeuksien kyt. Lisenssin saajalla ei ole vastuuta valvoa noudattavatko kolmannet osapuolet itsis Lisenssi.</para>

</sect2>

<sect2 id="sect7" label="7">
<title>Kohta 7</title>

<para>Jos oikeuden pts tai vte patentin loukkauksesta tai jokin muu syy (rajoittumatta patenttikysymyksiin) asetetaan Lisenssin saajalle ehtoja (olipa niiden alkuper sitten tuomio, sopimus tai jokin muu), jotka ovat vastoin nit lisenssiehtoja, ne eivt anna oikeutta poiketa tst Lisenssist. Jos levittminen ei ole mahdollista siten, ett samanaikaisesti toimitaan sek tss Lisenssin ett joidenkin muiden rajoittavien velvoitteiden mukaisesti, tllin Ohjelmaa ei saa laikkaan levittt. Jos esimerkiksi jokin patenttilisenssi ei salli kaikille niille, jotka saavat Ohjelman Lisenssin saajalta joko suoraan tai epsuorasti, Ohjelman levittmist edelleen ilman rojalitamaksuja, tllin ainut tapa tytt sek patenttilisenssin ett tss Lisenssin ehdot on olla levittmt Ohjelmaa laikkaan.</para>

</sect2>

<sect2 id="sect8" label="8">
<title>Kohta 8</title>

<para>Jos jokin osa tst kohdasta katsotaan ptemttmksi tai mahdottomaksi vahvistaa oikeudessa joissakin tietyiss olosuhteissa, silloin tt kohtaa on tarkoitus soveltaa ptevin osin ja muissa olosuhteissa kokonaisuudessaan.</para>

</sect2>

<sect2 id="sect9" label="9">
<title>Kohta 9</title>

<para>Free Software Foundation voi julkaista korjattuja tai uusia versioita GPL-lisenssist aika ajoin. Niden uusien versioiden henki on yhtenev nykyisen version kanssa, mutta ne saattavat erota yksityiskohdissa ottaen huomioon uusia ongelmia ja huolenaiheita.</para>

</sect2>
se kyt, on sallittua valita mik tahansa versio, jonka Free Software Foundation on koskaan julkaissut.</para>
</sect2>

<sect2 id="sect10" label="10">
<title>Kohta 10</title>
<para>Jos Lisenssin saaja haluaa ottaa osia Ohjelmasta mukaan muihin vapaisiin ohjelmiin, joiden levysehdot ovat erilaiset, hän tulee kirjoittaa tekijille ja kysy lupaa. Jos ohjelman tekijnoikeuden omistaa Free Software Foundation, on kirjoitettava heille; he tekevät joskus poikkeuksia. Free Software Foundationin ptsten ohjenuorana on kaksi pmr; siltyy kaikista heidän vapaista ohjelmista johdettujen ohjelmien vapaa asema ja yleisesti kannustaa ohjelmien jakamiseen ja uudelleen kyttn.</para>
</sect2>

<sect2 id="sect11" label="11">
<title>Ei takuuta</title>
<subtitle>Kohta 11</subtitle>
<para>Koska tm Ohjelma on lisensoitu ilmaiseksi, tlle Ohjelmalle ei myynet takuuta lain sallimissa rajoissa. Ellei tekijnoikeuden haltija kirjallisesti muuta osoita, Ohjelma on tarjolla ilman minkältaa takuuta, ilmaistua tai hiljaisen takuun laadusta ja soveltuvuudesta tiettyyn tarkoituukseen. Lisenssin saajalla on kaikki riski Ohjelman laadusta ja suorituskyvystä. Jos ohjelma osoittautuu virheelliseksi, Lisenssin saajan vastuulla ovat kaikki huolto- ja korjauskustannukset.</para>
</sect2>

<sect2 id="sect12" label="12">
<title>Kohta 12</title>
<para>Ellei laista tai kirjallista hyvksynnstä muuta johdu, tekijnoikeuden haltija ja kuka tahansa kolmas osapuoli, joka voi muuttaa tai levittää ohjelmaa kuten edellä on sallittu, eivt ole missn tilanteessa vastuussa Lisenssin saajalle yleisistä, erityisistä, satunnaisista tai seurauksellisista vahingoista (sislten, muttei tyhjentvästi, tiedon katoamisen, tiedon vristymisen, Lisenssin saajan tai kolmansien osapuolten menetyksien ja ohjelman puutteen toimia mink tahansa toisen ohjelman kanssa), jotka aiheutuvat ohjelman kytst tai siit, että ohjelmaa ei voi kytiv, siinkin tapauksessa, että tekijnoikeuden haltija tai kolmas osapuoli olisi maininnut kyseisten vahinkojen mahdollisuudesta.</para>
</sect2>
Giy Php Ti liu T Do GNU

Phin bn 1.1, Thng 3/2000

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Giy Php ny nhm mc ch lm cho s tay, cun sch gio hay ti liu ghi ra khc l

Th hai, Giy Php ny bo tn cho tc gi v nh xut bn c cch hng eng trng v s c gng ca mnh, cn h khng c coi c chu trch nhim v s sa i ca ngi khc.

Giy Php ny nhm mc ch lm cho s tay, cun sch gio hay ti liu ghi ra khc l

m bo mi ngi c quyn sao chp v pht hhng li ti liu , c sa i n hay khng, nt cch thng mi hay khng.

Giy Php ny bo tn cho tc gi v nh
<para>Giy php ny l kiu &lt;quote&gt;tc quyn ngc&lt;/quote&gt;, c nga ha l mi sn phm bt ngun t ti liu ny cng phi l t do v cng ngha. N b tr Giy Php Cng cng GNU (GPL), mt giy php tc quyn ngc c thit k cho phn mm dng t do.&lt;/para&gt;

&lt;para&gt;Chng ti thit k Giy php ny dng n v i s tay hng dn cch s dng pm mm t do, v phn pm mm t do cn thit ti liu cng t do: chng trnh t do nn c sn s tay cung cp cng nghng quyn t do vi phn mm . Tuy nhin Giy php ny kmg b hn ch trong cc s tay phn mm; n c th c dng vi bt c v cn bn no, bt chp ch , bt chp n l cun sch c in ra hay kmg. Chng ti ngh Giy php ny chnh cho ti liu nhm mc ch hng dn hay tham kho.&lt;/para&gt;

&lt;/sect1&gt;
&lt;sect1 id="fdl-section1" label="1"&gt;
&lt;title&gt;S THCH HP V LI NH NGHA&lt;/title&gt;
&lt;para id="fdl-document">Giy php ny p dng cho bt k s tay no hay vn bn khc cha thng bo c chn bi nghi gi tc quyn, ni rng n c th c pt hnh vi iu kin ca Giy php ny. &lt;quote&gt;Ti liu&lt;/quote&gt; bn di i din bt c s tay hay vn bn no nh vy. Bt c nghi ring no l nghi cp bn quyn, v c gi l bn .&lt;/para&gt;

&lt;/sect1&gt;
&lt;sect1 id="fdl-modified"&gt;&lt;quote&gt;Phn bn  Sa i&lt;/quote&gt; ca Ti liu c nga ha l bt c v cn bn cha Ti liu hay on no ca n, hoc c sao chp ng nguyn vn, hoc vi s sa i v/hay c dch sang ngn ng khc.&lt;/para&gt;

&lt;/sect1&gt;
&lt;sect1 id="fdl-secondary"&gt;&lt;quote&gt;Tit on Ph&lt;/quote&gt; l ph lc c tn hay tit on trc ca &lt;link linkend="fdl-document"&gt;Ti liu&lt;/link&gt; m din t ch quan h ca nh xut bn hay tc gi ca Ti liu vi ch chnh ca Ti liu (hoc vi ch lin quan) v kmg cha g nm trong ch chnh . (Ly th d, nu Ti liu c tit on l cun sch gio ton hc, Tit on Ph kmg th din t g v ton hc.) Quan h ny c th l lin kt lch s v i ch hay vi ch lin quan, hoc l lun im hp php, thng mi, thuc trit hc, thuc o c hay chnh tr v chng.&lt;/para&gt;

&lt;/sect1&gt;
&lt;sect1 id="fdl-invariant"&gt;&lt;quote&gt;Tit on Bt Bin&lt;/quote&gt; l &lt;link linkend="fdl-secondary"&gt;Tit on Ph&lt;/link&gt; c tii c xc nh l Tit on Bt Bin trong thng bo ni rng &lt;link linkend="fdl-document"&gt;Ti liu&lt;/link&gt; c pt hnh di Giy php ny.&lt;/para&gt;

&lt;/sect1&gt;
&lt;sect1 id="fdl-cover-texts"&gt;&lt;quote&gt;on Ba&lt;/quote&gt; l vn bn ngn c lit k l on Ba Trc hay on Ba Sau trong thng bo ni rng &lt;link linkend="fdl-document"&gt;Ti liu&lt;/link&gt; c pt hnh di Giy php ny.&lt;/para&gt;

&lt;/sect1&gt;
&lt;sect1 id="fdl-transparent"&gt;Bn sao &lt;quote&gt;Trong Sut&lt;/quote&gt; ca &lt;link linkend="fdl-document"&gt;Ti liu&lt;/link&gt; nga ha l bn sao cho my c c, c i din theo mt nh dng c c t cng b cho mi nghi xem, c ni dung cho nghi dng xem v sa i mt cch trc tip v r bh bng trnh son tho vn bn gia ng lo hay (i vi nh c cu trc theo im nh) trnh sn gia ng lo hay (i vi bc v) trnh hnh chnh bc v c cng b bh ri, m thch hp nhp vo trnh nh dng vn bn hay dch t ng sang nh nh dng khc nhu thch hp nhp vo trnh nh dng vn bn. Bn sao c to theo mt nh dng tp tin Trong Sut bng cch khe tr c n c nh dng c thit k chnh hay can ngn gi c sa i th kmg phi l Trong Sut. Bn sao nghi phi l Trong Sut c gi l &lt;quote&gt;c&lt;/quote&gt;.&lt;/para&gt;

&lt;/sect1&gt;
&lt;sect1 id="fdl-title-page"&gt;&lt;quote&gt;Trang Tiu &lt;/quote&gt; c nga ha l, i vi cun sch c in ra, trang tiu chnh n, cng vi trang sau no cn thit hinh r bh ngng liu phi xut hin trn trang tiu , t theo Giy php ny. i vi vn bn theo nh dng kmg c cng trang tiu nh th, &lt;quote&gt;Trang Tiu &lt;/quote&gt; nga ha l vn bn gn v tr hinh r bh ngng liu ca vn bn, nm trc trng vn bn.&lt;/para&gt;

&lt;/sect1&gt;
<sect1 id="fdl-section2" label="2">
<title>SAO CHP NG NGUYN VN</title>
<para>Cho php bn sao chp v php hnh <link linkend="fdl-document">Ti liu</link> trong bt c vt cha no, thng mi hay khng, min l Giy php ny, nhng thng bo tc quyn, v thng bo giy php ni rng Giy php ny p dng cho Ti liu c to li trong mi bn sao, v bn khng thm iu kin khc no vo nhng iu kn ca Giy php ny. Khng cho php bn s dng bin php k thut gy tr nghi cho hay iu khin hot ng c hay sao chp thm na nhng bn sao bn to hay php hnh. Tuy nhn, cho php bn chp nhn s n b trao cho bn sao. Nu bn php hnh s bn sao ln, bn cng phi tun theo iu kin trong <link linkend="fdl-section3">phn 3</link>.\)</para>

<para>Cng cho php bn cho mn bn sao, vi cng iu kin ni trn, v cho php bn trnh by cng khai bn sao.\)</sect1>

<sect1 id="fdl-section3" label="3">
<title>SAO CHP HNG LOT</title>
<para>Nu bn xut bn s bn sao c in ra ca <link linkend="fdl-document">Ti liu</link> hn 100, v thng bo giy php ca Ti liu cn thit <link linkend="fdl-cover-texts">on Ba</link>, bn phi vy quanh mi bn sao trong ba hin th r rng tt c cc on Ba ny : on Ba Trc trn ba trc, cn on Ba Sau trn ba sau. C hai ba cng phi hin th r rng bn l nh xut bn nhng bn sao ny. Ba trc phi hin th tiu y c mi t r rng u. Cho php bn thm nguyen liu na trn ba. Vic sao chp ch thay i ba, min l ba bo tn tiu ca <link linkend="fdl-document">Ti liu</link> v tho nhng iu kin ny, c th c toi l vic sao chp ng nguyen vn bng cch khc.\)</para>

<para>Nu nhng vn bn bt buc phi nm trn ba no l qu di hin th r rng, bn nn hin th nhng on th nth c lit k (nhiu nth hin th c r) trn ba , v hin th vn bn cn li trn cc trang tip cn.\)</para>

<para>Nu bn xut bn hay php hnh s bn sao <link linkend="fdl-transparent">c</link> ca <link linkend="fdl-document">Ti liu</link> hn 100, bn phi hoc php hnh mt bn sao <link linkend="fdl-transparent">Trong Sut</link> cho my c c ngi vi mi bn sao c, hoc php bt trong hay vi mi bn sao c mt a im trn mng my thn cho mi ngi truy cp m cha mt bn sao Trong Sut hon thnh ca Ti liu, khng c nguyen liu c thm, vo mi ngi s dng mng chung c th truy cp ti xung v danh v min ph bng gia th heard th mng tiu chun cng cng. Nu bn s dng ty chn th hai, bn cn phi theo mt s bc hi cn thn, khi bn bt u php hnh hng lot bn sao c, cho chn l bn sao Trong Sut ny s vn cn cho ngi dng truy cp a im ghi r trong t nth mt nm sau ln cui cng bn php hnh mt bn sao c (mt cch trc tip hay qua i l hay hng bn) ca bn sa i cho cng cng.\)</para>

<para>Yu cu, nhng khng cn thit bn lin lc vi nhng te gi ca <link linkend="fdl-document">Ti liu</link> kh trc khi php hnh hng lot bn sao, cho h c dp cung cp phin bn Ti liu c ep nth.\)</para>

</sect1>

<sect1 id="fdl-section4" label="4">
<title>SAI</title>
<para>Cho php bn sao chp v php hnh <link linkend="fdl-modified">Phin bn Sa i</link> ca <link linkend="fdl-document">Ti liu</link> vi iu kin ca phn <link linkend="fdl-section2">2</link> <link linkend="fdl-section3">3</link> trn, min l bn phn hnh Phin bn Sa i di chnh xc Giy Php ny, cn Phin bn Sa i lm nhm v ca Ti liu th cp quyn php hnh v sa i Phin bn Sa i cho ai c bn sao ca n. Hn na, bn phi lm nhng vic ny trong Phin bn Sa i :\)</para>

<itemizedlist mark="upper-alpha">
<listitem>
<para>Dng trn <link linkend="fdl-title-page">Trang Tiu</link> (cng trn nhng ba, nu c) mt tiu khe bit vi tiu ca
</para>
</itemizedlist>
<link linkend="fdl-document">Ti liu</link> v vi tiu ca phin bn no trc (cc phin bn trc, nu c, nn c lit k trong phn Lch s ca Ti liu). Nh xut bn ge cho php th bn c quy n s dng mt tiu vi phin bn trc.</para>

</listitem>

</listitem>

<para>Lit k trn <link linkend="fdl-title-page">Trang Tiu</link>, lm tc gi, mt hay nhu ngi hay th cham trch nhim to s sa i trong <link linkend="fdl-modified">Phin bn Sa i</link>, cng vi t nh n mn tc gi chnh ca <link linkend="fdl-document">Ti liu</link> (tt cc tc gi chnh, nu s t nh nm).</para>

</listitem>

</listitem>

<para>Ghi r trn <link linkend="fdl-title-page">Trang Tiu</link> tn ca nh xut bn <link linkend="fdl-modified">Phin bn Sa i</link>, lm nh xut bn.</para>

</listitem>

</listitem>

<para>Tm mt thng bo te quy n thc hp vi s sa i ca bn, tip cn vi cc thng bo te quy n khc.</para>

</listitem>

</listitem>

<para>Chn vo, ng sau nhng thng bo te quy n, mt thng bo giy php cho php mi ngi s dng <link linkend="fdl-modified">Phin bn Sa i</link> vi iu kin ca Giy php ny, dng mu c hin th trong Ph le bn di.</para>

</listitem>

</listitem>

<para>Bo tn trong thng bo giy php nhng danh sch y cc <link linkend="fdl-invariant">Tit on Bt Bin</link> v cc <link linkend="fdl-cover-texts">on Ba</link> cn thit a ra trong thng bo giy php ca <link linkend="fdl-document">Ti liu</link></para>

</listitem>

</listitem>

<para>Gm c mt bn sao cha thay i ca Giy php ny.</para>

</listitem>

</listitem>

<para>Bo tn phn tn <quote>Lch s</quote>, cng vi tiu ca n, v thm vo n mt mc ph biu t nh t tiu, nm xut bn, cc tc gi mi v nh xut bn ca <link linkend="fdl-modified">Phin bn Sa i</link> nh a ra trn <link linkend="fdl-title-page">Trang Tiu</link>. Khng c phn tn <quote>Lch S</quote> trong <link linkend="fdl-document">Ti liu</link> th bn to mt iu ph biu t nh t tiu, nm xut bn, cc tc gi v nh xut bn ca <link linkend="fdl-document">Ti liu</link> nh a ra trn <link linkend="fdl-title-page">Trang Tiu</link> ca n, ri thm mt mc din t <link linkend="fdl-modified">Phin bn Sa i</link> nh c ph biu trong cu trc.</para>

</listitem>

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</listitem>
Bo tn a im tn mg, nu c, a ra trong<br /> <link linkend="fdl-document">Ti liu</link> cho mi ngi truy cp mt bn sao<br /> <link linkend="fdl-transparent">Trong Sut</link> ca<br /> <link linkend="fdl-document">Ti liu</link>, cng vy a im<br /> <link linkend="fdl-document">Ti liu</link> cho cc phin bn trc vo n da. Cho php bn chn nhng iu ny<br /> vo phn <quote>Lch ss</quote>. Cho php bn b st mt a im mg i vi vn bn<br /> xut bn t nt bn nm trc<br /> <link linkend="fdl-document">Ti liu</link>/<link linkend="fdl-document">chnh n, hoc nu nh xut bn gc ca phin bn n cp c cho php.</link></para>
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</para>

<para>Bo tn tt c cc<br /> <link linkend="fdl-invariant">Tit on Bt Bin</link>/<link linkend="fdl-document">Ti liu</link> ca<br /> <link linkend="fdl-document">Ti liu</link>, c vn bn ln tiu u khng thay i. S hiu tit on hay tng ng khng c xem l phn ca tiu tit on.</link></para>
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<para>Nu<br /> <link linkend="fdl-modified">Phin bn Sa i</link>/<link linkend="fdl-document">Ti liu</link> gm c tit on tre hay ph lc tho tiu chun ca<br /> <link linkend="fdl-secondary">Tit on Ph</link>/<link linkend="fdl-document">Ti liu</link> v khng cha nguy lien c sao chp t<br /> <link linkend="fdl-document">Ti liu</link>, cho php bn ty chn xc nh mt s hay tt c nhng tit on ny l bt bin. Im nh th, hy thm cc tiu ca chng vo danh sch<br /> <link linkend="fdl-invariant">Tit on Bt Bin</link>/<link linkend="fdl-document">Ti liu</link> trong thng bo giy php ca<br /> <link linkend="fdl-modified">Phin bn Sa i</link>/<link linkend="fdl-document">Ti liu</link>. Nhng tiu ny phi ring bit vi bt k tiu tit on khe.</link></para>
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</para>

<para>Cho php bn thm mt tit on c tiu<br /> <quote>S Xc nhn</quote>, min l n cha ch s xc nhn<br /> <link linkend="fdl-modified">Phin bn Sa i</link>/<link linkend="fdl-document">Ti liu</link> ca cc bn khe nau ly th d, bi ph bnh ngang hng hay li pht biu rng vn bn c tn thnh bi<br /> mt t ch c no lm s xc nh c en c ca mt tiu chun.</link></para>
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</para>

<para>Cho php bn thm mt tit on cha n nm lm<br /> <link linkend="fdl-cover-texts">on Ba Trc</link>/<link linkend="fdl-cover-texts">on Ba Trc</link>, v mt on cha n 25 t<br /> lm<br /> <link linkend="fdl-cover-texts">on Ba Sau</link>/<link linkend="fdl-cover-texts">on Ba Sau</link>, vo kt the ca danh sch cc<br /> <link linkend="fdl-modified">Phin bn Sa i</link>/<link linkend="fdl-document">Ti liu</link>. Cho php mi thi th thm (hay thu xp thm) ch mt<br /> <link linkend="fdl-cover-texts">on Ba Trc</link>/<link linkend="fdl-cover-texts">on Ba Trc</link> v ch mt<br /> <link linkend="fdl-cover-texts">on Ba Sau</link>/<link linkend="fdl-cover-texts">on Ba Sau</link>. Nu<br /> <link linkend="fdl-document">Ti liu</link>/<link linkend="fdl-document">Ti liu</link>/<link linkend="fdl-document">Ti liu</link>/<link linkend="fdl-document">Ti liu</link>/<link linkend="fdl-document">Ti liu</link>/<link linkend="fdl-document">Ti liu</link>/<link linkend="fdl-document">Ti liu</link> cha mt on ba trn ba, c thm tre bi bn (hoc c thu xp thm bi cng mt th<br /> th bn i din), khng cho php bn thm on na; nhng bn c th thay th thu c u nu nh xut bn thm n cho php dt khot.</link></para>
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<para>(Nhng) tc gi v nh xut bn ca<br /> <link linkend="fdl-document">Ti liu</link> khng phi bng Giy Php ny cho php<br /> s dng tn ca h trong thnh chnh khai hoc xc nhn t trc tip hay c ng bt c<br /> <link linkend="fdl-modified">Phin bn Sa i</link>/<link linkend="fdl-document">Ti liu</link> no.</link></para>
<sect1 id="fdl-section5" label="5">
<title>KT HP TI LIU</title>
<para>Cho php bn kt hp <link linkend="fdl-document">Ti liu</link> vi cc ti liu khe c ph pt hh di Giy php ny, vi iu
kin c xc nh trong <link linkend="fdl-section4">phn 4</link> trn v phn bn sa i, min l bn gm trong s kt hp tt c cc
<link linkend="fdl-invariant">Tit on Bit Bin</link> ca tt c cc ti liu ge, cha sa i, v lit k tt c chng l <link linkend="fdl-
invariant">Tit on Bit Bin</link> ca vn bn kt hp, trong thng bo giy php ca n.</para>

<para>Vn bn kt hp cn phi cha ch mt bn sao ca Giy php ny; cng cho php thay th nhu <link linkend="fdl-
invariant">Tit on Bit Bin</link> trng bng cmng mt bn sao. Nu c nhu <link linkend="fdl-invariant">Tit on Bit Bin</link>
cng cn nhng khe ni dung, khin mi tiu tit on l duy nht, bng cch ph thm (trong ngo) trn ca tc gi hay nh xut
bn ge ca tit on, nu c bit, hoc mt s hiu. iu chnh tng ng nhng tiu tit on trong danh sch cc <link linkend="fdl-
invariant">Tit on Bit Bin</link> ca vn bn kt hp.</para>

<para>Trong s kt hp, bn phi kt hp bt k tit on c tiu <quote>Lch s</quote> ca nhng ti liu gc khc nhau, th to cng mt
tit on c tiu <quote>Lch s</quote>; cng vy kt hp bt k tit on c tiu <quote>Li Bo Nh</quote>, v bt k tit on c tiu
<quote>Li Tng</quote>. Bn phi xo b mti on c tiu <quote>S Xe Nh</quote>.</para>
</sect1>

<sect1 id="fdl-section6" label="6">
<title>TP HP TI LIU</title>
<para>Cho php bn to mt tp hp cha <link linkend="fdl-document">Ti liu</link> v cc ti liu khe nhu cng c ph pt hh
di Giy php ny, v thay th nhng bn sao ring ca Giy php ny trn nhng ti liu khe nhu bng cmng mt bn sao c bao gm
trong tp hp, min l bn theo nhng quy tc ca Giy php ny mi phng din khc i vi vic sao chph ng nhu vn mi ti liu.</para>

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</sect1>

<sect1 id="fdl-section7" label="7">
<title>TP HP VI SN PHM C LP</title>
<para>S su tp <link linkend="fdl-document">Ti liu</link> hay cc ti liu dn xut vi cc ti liu hay sn phm ring v c lp
khc, trong hay trn mt khi tin ca phng tin lu tr hay ph pt hh, ton b khng phi c nhn n mt <link linkend="fdl-
modified">Phn bn Sa i</link> ca <link linkend="fdl-document">Ti liu</link>, min l khng c tc quyn su tp c tuyn b
v s su tp. S su tp ti liu nh vy c gi l <quote>khi tp hp</quote>, v Giy php ny khng p dng cho nhng sn phm c lp khc c
su tp vi <link linkend="fdl-document">Ti liu</link> do chng c su tp nh th, nu bn th chng khng phi l sn phm dn xut
c <link linkend="fdl-document">Tit on Bit Bin</link>. Nu nh c <link linkend="fdl-cover-texts">on Ba</link> ca <link linkend="fdl-section3">phn 3</link>
c th c p dng cho nhng bn sao ny ca <link linkend="fdl-document">Ti liu</link> th nu <link linkend="fdl-document">Ti liu</link> c khc c t bn mt phn t ca ton b khc c ca khi tp hp, cho
php bn hin th nhng <link linkend="fdl-cover-texts">on Ba</link> ca <link linkend="fdl-document">Ti liu</link> trn ba chung quanh ch <link linkend="fdl-document">Ti liu</link> bn trong khi tp hp. Khng th nhng <link linkend="fdl-cover-texts">on Ba</link> ca <link linkend="fdl-document">Ti liu</link> phi xut hin trn ba chung
quanh ton b khi tp hp. &para;

<title>THNG DCH</title>

&lt;para&gt;S thng dch c coi l kiu s sa i, v vy cho php bn ph hnh cc bn dch ca Ti liu &lt;/link&gt; vi iu kin ca &lt;link linkend="fdl-document">phn 4</link&gt; trn. Kh ng th th &lt;link linkend="fdl-invariant">Tit on Bt Bin</link&gt;&lt;/link&gt; bnng bh cn thit s cho php c bit ca mi ngi gi tc quyn ca n, nhng m cho php bn gm cc bn dch ca mt s hay tt c cc &lt;link linkend="fdl-invariant">Tit on Bt Bin</link&gt;&lt;/link&gt;, thm vo nhng phin bn gc ca mi &lt;link linkend="fdl-invariant">Tit on Bt Bin</link&gt;&lt;/link&gt;. Cho php bn gm mt bn dch ca Giy php ny, min l bn cng gm phin bn ting Anh gc ca Giy php ny. Trong trng hp xung t gia bn dch v phin bn ting Anh gc ca Giy php ny, phin bn gc c quyn cao hn. &para;

<title>KT THC</title>

&lt;para&gt;Khng cho php bn sao chp, sa i, c ph hay ph hnh &lt;link linkend="fdl-document">Ti liu</link&gt;, tr phi vi nhng iu kin dt kt cao Giy php ny. Bt c c gng mh sao chp, sa i, c ph hay ph hnh Ti liu bh b b, v s kt the t ng cc quyn ca bn di Giy php ny. Tuy nhn, nhng ngi nhn bn sao, hay quyn, t bn di Giy php ny s khng c giy php b kt th min l h tip t cn theo hon ton. &para;

<title>BN SA I TNG LAI CA GIY PHP NY</title>


&lt;para&gt;Mi phin bn ca Giy php nhn mt s hiu phin bn ring. Nu &lt;link linkend="fdl-document">Ti liu</link&gt; &lt;/link&gt; xe nh rrg mt phin bn c s hiu ring ca Giy php ny &lt;quote&gt;hay bt c phin bn sau no</quote&gt; p dng cho n, bn c ty chn tun theo iu kin hoc ca phin bn xe nh, hoc ca bt c phin bn sau no c cng b (khng phi l nhp) bi T chc Phn mn M T do. Nu &lt;link linkend="fdl-document">Ti liu</link&gt; khng xe nh mt s hiu phin bn ring ca Giy php ny, cho php bn chn bt c phin bn no c cng b (khng phi l nhp) bi T chc Phn mn M T do.&para;

&lt;title&gt;Ph Le&lt;/title&gt;

&lt;para&gt; dng Giy php ny trong mt ti liu bn to, hy gm bn sao ca Giy php trong ti liu, v thm nhng thng bo tc quyn v giy php ny ng sau trang tiu :&para;

&lt;blockquote&gt;
&lt;para&gt;Tc quyn NM H TN CA BN&lt;/para&gt;
&lt;para&gt;C cp quyn sao chp, ph hnh v/hay sa i ti liu ny vi iu kin ca Giy php Ti liu T do GNU (GFDL), Phin bn 1.1 hay bt c phin bn sau no c cng b bi T chc Phn mn M T do; cn nhng &lt;link linkend="fdl-invariant">Tit on Bt Bin</link&gt;&lt;/link&gt; 1 LIT K CC TIU , cn nhng &lt;link linkend="fdl-cover-texts">on Ba Trcs</link&gt;&lt;/link&gt; 1 LIT K, v cn nhng &lt;link linkend="fdl-cover-texts">on Ba Sau</link&gt;&lt;/link&gt; 1 LIT K. Mt bn sao ca giy php c gm trong tit on c tiu &lt;quote&gt;Giy php Ti liu T do GNU</quote&gt;.&para;
<para>Nu bn khng c <link linkend="fdl-invariant">Tit on Bt Bin</link>, hy vit <quote>khung c Tit on Bt Bin</quote> thay cho lit k nhng tit on bt bin. Vy nu bn khng c <link linkend="fdl-cover-texts">on Ba Trc</link>, vit <quote>khung c on Ba Trc</quote> thay cho lit k chng; cng vy i vi <link linkend="fdl-cover-texts">on Ba Sau</link>.</para>

<para>Nu ti liu ca bn cha mu th d ng k ca m ngun chng trnh, khuyn bn pht hnh nhng mu ny mt cch song song di giy php phnh mm t do mun, v.d. <ulink type="http" url="http://www.gnu.org/copyleft/gpl.html">Giy php Cng cng GNU</ulink> (GPL), cho php ngi khec dng m ny trong phn mm t do.</para>
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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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<sect2 id="sect3" label="3">
<title>3</title>
<para>GNU 2 (2)</para>
</sect2>

<sect2 id="sect4" label="4">
<title>4</title>
<para><link linkend="sect2">1</link><link linkend="sect2">2</link>(<link linkend="sect2">1</link><link linkend="sect2">2</link>)</para>
</sect2>

<sect2 id="sect5" label="5">
<title>5</title>
<para><quote></quote></para>
</sect2>

<sect2 id="sect6" label="6">
<title>6</title>
<para><quote></quote>(10)</para>
</sect2>
As an exception to the Sections above, you may also combine or link a work that uses the Library with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

- Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable work that uses the Library, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

- Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in <link linkend="sect6a">Subsection 6a</link>, above, for a charge no more than the cost of performing this distribution.

If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the <quote>work that uses the Library</quote> must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.
You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

<para>

<orderedlist numeration="loweralpha">
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      Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
    </para>
  </listitem>
  <listitem>
    <para>
      Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
    </para>
  </listitem>
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<sect2 id="sect8" label="8">
<title> 8 </title>

<para>
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</sect2>

<sect2 id="sect9" label="9">
<title> 9 </title>

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</sect2>

<sect2 id="sect10" label="10">
<title> 10 </title>

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</para>
</sect2>

<sect2 id="sect11" label="11">
<title> 11 </title>

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<para>
If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.
</para>

<para>
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</para>
</sect2>
</sect1>
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it in new free programs; and that you are informed that you can do
these things.
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</para>

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For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.
</para>
</sect1>

<sect1 id="terms" label="none">
<title>TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION</title>

<sect2 id="sect0" label="0">
<title>Seccion 0</title>
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this Lesser General Public License (also called <quote>this License</quote>). Each licensee is addressed as <quote>you</quote>.
</para>

<para>
A <quote>library</quote> means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.
</para>

<para>
The <quote>Library</quote>, below, refers to any such software library or work
which has been distributed under these terms. A <quote>work based on the
Library</quote> means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is
included without limitation in the term <quote>modification</quote>.)
</para>

<para>
<quote>Source code</quote> for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
and installation of the library.
</para>

<para>Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.
</para>

</sect2>

<sect2 id="sect1" label="1">
<title>Seccion 1</title>
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<para>You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
</para>
</sect2>

<sect2 id="sect2" label="2">
<title>Seccion 2</title>
<para>You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

<orderedlist numeration="loweralpha">
<li>The modified work must itself be a software library.
</li>
</orderedlist>
</para>
</sect2>
You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.
</para>

<para>
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
</para>
</listitem>
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</sect2>

<sect2 id="sect3" label="3">
<title>Seccion 3</title>

<para>
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</para>

<para>
Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.
</para>

<para>
This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
</para>
</sect2>

<sect2 id="sect4" label="4">
<title>Seccion 4</title>

<para>
You may copy and distribute the Library (or a portion or
A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a <quote>work that uses the Library</quote>. Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a <quote>work that uses the Library</quote> with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a <quote>work that uses the library</quote>. The executable is therefore covered by this License. <link linkend="sect6">Section 6</link> states terms for distribution of such executables.

When a <quote>work that uses the Library</quote> uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2).
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Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the work that uses the
Library\textquoteleft must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

\textless \text{para} \textgreater

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

\textless \text{sect2} \textgreater

\textless \text{sect2 id="sect7" label="7"} \textgreater
\textless \text{title} \text{Seccion 7} \text{\textgreater}

\textless \text{para} \textgreater
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\textless \text{para} \textgreater

\textless \text{orderedlist numeration="loweralpha"} \textgreater
\textless \text{listitem} \textgreater
\textless \text{para} \textgreater
Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

\textless \text{para} \textgreater
\textless \text{listitem} \textgreater
\textless \text{listitem} \textgreater
\textless \text{para} \textgreater
Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

\textless \text{para} \textgreater
\textless \text{listitem} \textgreater
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</sect2>

<sect2 id="sect13" label="13">
<title>Seccion 13</title>

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</para>
</sect2>

<sect2 id="sect14" label="14">
<title>Seccion 14</title>

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</sect1>

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</liitem>

<liitem>
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</liitem>

<liitem>
<para>Mostrar en la <link linkend="fdl-title-page">Portada</link> como editor el nombre del editor de la <link linkend="fdl-modified">Versin Modificada</link>.</para>
</liitem>

<liitem>
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<liitem>
<para>Aadir una nota de copyright apropiada a sus modificaciones, adyacente a las otras notas de copyright.</para>
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</listitem>

<li:listitem>
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</listitem>

<li:listitem>
  <para>Incluir una copia sin modificación de esta Licencia.</para>
</listitem>

<li:listitem>
  <para>Conservar la sección titulada <quote>Historia</quote>, conservar su Título y añadirle un elemento que declare al menos el título, el año, los nuevos autores y el editor de la <link linkend="fdl-modified">Versión Modificada</link>, tal como figuran en la <link linkend="fdl-title-page">Portada</link>. Si no hay una sección titulada <quote>Historia</quote> en el <link linkend="fdl-document">Documento</link>, crear una estableciendo el título, el año, los autores y el editor del Documento, tal como figuran en su Portada, añadiendo además un elemento describiendo la Versión Modificada, como se estableció en la sentencia anterior.</para>
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<li:listitem>
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<li:listitem>
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Prav tako, za zaito vsakega avtorja in zaradi nae zaite elimo zagotoviti, da vsakdo razume, da za to prosto programsko opremo ni nobenega jamstva. e je programsko opremo spremenil nekdo drug in ga posredoval naprej, elimo, da njegovi prejemniki vedo, da to, kar imajo, ni izvirnik, zato da se problemi, ki jih povzroijo drugi, ne bodo odraali na ugledu izvornega avtorja. Zaradi zaite vsakega razrirjevalca elimo zagotoviti, da vsakdo razume, da za to prosto knjinico ni nikakrnega jamstva. e je knjinico spremenil nekdo drug in jo posredoval naprej, elimo, da njeni prejemniki vedo, da to, kar imajo, ni izvirnik, da problemi, ki jih povzroijo drugi, ne bodo kvarili ugleda izvornega avtorja.

Konno, vsak prost program nenehno ogroajo programski patenti. elimo se izogniti nevarnosti, da bi podjetja uinkovito omejevala uporabnike prostega programa s pridobivanjem omejujoih licenc od lastnikov patentov. Za prepreitev tega jasno zahtevamo, da mora biti vsak patent za katerokoli izpeljano razliico knjinice licenciran tako, da je popolnoma konsistenten s popolno svobodo rabe, kot jo doloa to dovoljenje.

Veino programja GNU, vkljuno z nekaterimi knjinicami, pokriva navadno Splono dovoljenje GNU. To dovoljenje, Manj splono dovoljenje GNU, se nanaa na doloene posebne knjinice, in se precej razlikuje od navadnega Splonega dovoljenja. To dovoljenje uporabljamo za tiste knjinice, za katere elimo omogoiti tudi povezovanje v neproste programe.

Ko se program povee s knjinico, najsibo statino ali pa s pomojo deljene knjinice, je kombinacija obojega skupaj, pravno gledano, zdureno delo, izpeljanka izvirne knjinice. Navadno Splono dovoljenje torej dovoljuje takno povezovanje le, e celotna kombinacija zadao prav tam doloenim kriterijem svobode. Manj splono dovoljenje dovoljuje bolj ohlapne pogoje za povezovanje druge kode s knjinico.

Tem dovoljenju pravimo <quote>Manj</quote> splono dovoljenje, saj manj zavaruje svobodo uporabnika

Denimo, da v redkih primerih obstaja posebna potreba spodbuditi kar najiro rabo doloene knjnice, da bi ta postala de-facto standard. Da lahko to doseemo, mora biti neprostim programom dovoljeno uporabljati to knjincico. Pogosteje se zgodi, da prosta knjincica opravi enako delo kot iroko uporabljane neproste knjnice. V tem primeru pridobimo le malo, o omejimo rabo proste knjince le na prosto programje, zato raje uporabimo Manj splono dovoljenje.

V drugih primerih dovoljenje rabe doloene knjnice v neprostih programih omogoje vejemu tevihu ljudi, da uporabljajo veji obseg prostega programja. Dovoljenje za uporabo knjincice GNU C v neprostih programih je, denimo, omogoilo mnogim ljudem, da so uporabljali popoln operacijski sistem GNU, kot tudi njegovo inaco, operacijski sistem GNU/Linux.

eprav Manj splono dovoljenje manj zaiti uporabnikovo svobodo, pa vendarle zagotavlja, da ima uporabnik programa, ki je povezan s knjincico, proste roke pri poganjanju tega programa s spremenjeno razliico te knjincice.

Sledijo natanne doloitve in pogoji za razmnoevanje, razirjanje in spreminjanje. Pozorni bodite na razliko med <quote>delom, ki temelji na knjincici</quote> in <quote>delom, ki uporablja knjincicico</quote>. Prvo vsebuje kodo, izpeljano iz knjincice, medtem, ko mora biti drugo kombinirano s knjincico, da lahko tee.

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**DOLOILA IN POGOJI ZA RAZMNOEVANJE, RAZIRJANJE IN SPREMINJANJE**

**Razdelek 0**

Ta licenca se nanasi na vsako programsko knjincico ali drug program, ki vsebuje obvestilo lastnika avtorskih pravic (angl. copyright holder) ali druge pooblaene osebe, z izjavo, da se lahko razirja pod pogoji Manj splonega dovoljenja GNU (angl. Lesser General Public License), imenovanega tudi <quote>ta licenca</quote>. Vsakega izdajatelja licence naslavljamo z <quote>vi</quote>.  

Knjincica (pomeni zbirko programskih funkcij in/ali podatkov, pripravljenih tako, da jih je mo priorno povezovati z uporabnimi programi (ki uporabljajo nekatere teh funkcij in podatkov), da s tem oblikujemo izvedljive datoteke.

Knjincica v nadaljevanju pomeni vsako takno programsko knjincico ali delo, ki se razirja pod temi pogoji. Delo, ki temelji na knjincici pomeni bodisi knjincico ali pa katerokoli izvedeno delo po zakonu o avtorski in sorodnih pravicah (angl. copyright law): se pravi delo, ki vsebuje knjincico ali njen del, bodisi dobesedno ali s spremembami in/ali prevedeno v drug jezik. (Tukaj in povsod v nadaljevanju je prevod vkljuen brez omejitev v pojem <quote>spremembe</quote>.)

Izvorna koda pri delih pomeni obliko dela, najprimernejo za izdelavo sprememb. Pri knjincici pomeni izvorna koda vse izvorno kodo za vsi module, ki jih vsebuje, poleg tega pa e morebitne datoteke z definicijami vmesnika, povezanega s tem delom, ter skripte za nadzor prevajanja in namestitve knjincice.
Dovoljeno je razmnoevati in razirjati dobesedne izvode izvorne kode programa v enaki obliki, kot jo dobite, preko kateregakoli nosilca, e je le na vsakem izvodu razlono in primerno objavljeno obvestilo o pravicah razirjanja in zanikanja jamstva; vsa obvestila, ki se nanaajo na to dovoljenje in odsotnost vsakrnega jamstva pustite nedotaknjena; in da prejmejo vsi drugi prejemniki programa poleg programa e izvod tega dovoljenja. Razmnoujete in razirjate lahko dobesedne izvode izvorne kode knjinice v enaki obliki, kot jo dobite, preko kateregakoli medija, e le na vsakem izvodu razlono in primerno objavite obvestilo o pravicah razirjanja in zanikanju jamstva; vsa obvestila, ki se nanaajo na to dovoljenje in odsotnost vsakrnega jamstva pustite nedotaknjena; in da prejmejo vsi drugi prejemniki programa poleg programa e izvod tega dovoljenja.

Za fizino dejanje prenosa kopije lahko zaraunavate in po vai presoji lahko ponudite garancijsko zaito v zameno za plailo.

Dovoljeno je spreminjati svoj izvod ali izvode knjinice ali katerega koli njenega dela, in tako narediti delo, ki temelji na knjinici, ter razmnoevati in razirjati takne spremembe ali dela pod pogoji zgornjega razdelka 1, e je zadoeno tudi vsem naslednjim pogojem:

- Spremenjeno delo mora biti programska knjinica.
- Zagotovite, da spremenjene datoteke nosijo vidna obvestila o tem, da so spremenjena, in datum vsake spremembe.
- Zagotoviti morate, da je celotno delo brezplano licencirano tretjim osebom pod pogoji te licence.
- Zagotoviti, da je funkcionalnost v spremenjeni knjinici sklicuje na funkcijo ali tabelo podatkov, ki jih priskrbi uporabni program, ki to funkcionalnost uporablja, na drug nain kot argument ob klicu funkcionalnosti, morate v dobri veri poskrbeti, da tudi v primeru, ko program ne ponuja take funkcije ali tabele, funkcionalnost e vedno deluje, in izvaja katerikoli del svojega namena, ki e ostaja smiselni.

(Funkcija, ki v neki knjinici skrbi za izraun kvadratnih korenov, ima namen, ki je popolnoma dobro definitiran in neodvisen od programa. Podrazdelek 2.d. torej zahteva, da katerakoli funkcija ali tabela, ki jo glavni
program ponuja tej funkciji, ni obvezna za pravilno delovanje funkcije za izrauna kvadratnih korenov.)</para>

<para>Te zahteve se nanaajo na spremenjeno delo kot celoto. e razdelki tega dela, ki jih je mogoee prepoznati, niso izpeljani iz knjnine in jih je mogoee same po sebi utemeljeno obravnavati kot neodvisna in loena dela, potem to dovoljenje in njegova doloila za te razdelke ne velja, e jih razirjate kot loena dela. A e razirjate iste razdelke kot dele celote, ki je delo, ki temelji na knjnine, mora biti razirjanje celote izvedeno pod pogoji tega dovoljenja, katerega dovoljenja uporabte za druge uporabnike dovoljenja se razirijo na vso celoto, in torej na vsak njen del, ne glede na to, kdo ga je napisal. </para>

<para>Namen tega razdelka torej ni, da bi zanikal ali spodbijal vae pravice do dela, ki ste ga v seloti napisali sami; namesto tega je namen razdelka raziriti pravico nadzora nad razirjanjem izpeljanih ali zdruenih del, ki temeljijo na knjnine. </para>

<para>Poleg tega zgolj uvranje drugega dela, ki ne temelji na knjnine, poleg knjnine (ali poleg dela, ki temelji na knjnine), na enoti nosilca ali mediju za razirjanje, se dovoljenje na to drugo delo ne nanaa. </para>

<p сителити></p><p align="center" style="text-align: center;"

</sect2>

<sect2 id="sect3"

<title>Razdelek 3</title>

<para>Po elji lahko uporabite namesto tega dovoljenja za dani izvod knjnine tudi pogoje navadnega Splonega dovoljenja GNU. e elite to storiti, morate spremeniti vsa sklicevanja na to dovoljenje tako, da se, namesto na to dovoljenje, sklicujejo na navadno Splono dovoljenje GNU (angl. GNU General Public License) razliice 2. (e obstaja razliica navadnega Splonega dovoljenja GNU tevilke, veje od 2, potem lahko, e tako elite, doloite to tevilko razliice.) V teh obvestilih ne spreminjajte niesar drugega. </para>

<para>Ko se enkrat zgodi opisana sprememba za dani izvod, je za ta izvod to nepovratno, torej Splono dovoljenje GNU velja tudi za vse nadaljnje izvode in izpeljana dela, ki izvira iz za izvoda. </para>

<para>Ta monost je uporabna, e elite prepisati del kode knjnine v program, ki ni knjinka. </para>

</sect2>

<sect2 id="sect4"

<title>Razdelek 4</title>

<para>Knjina (ali delo, ki temelji na njej, pod doloili razrelka 2) je dovoljeno razmnoevati in razirjati v objektini kod ali izvedljivi obliki pod pogoji zgornjih razdelkov razdelkov 1 in razdelkov 2, e jo pospremite s popolno ustrezno strojno berljivo izvorno kodo, ki mora biti razirjana pod pogoji zgornjih razdelkov in razdelkov 2, na nosilcu, navadno uporabljanem za izmenjavo programja. </para>

<para>e se razirjanje objektne kode omogoaa s ponujanjem dostopa do izvoda z doloenega mesta, potem pogoju za razirjanje izvorne kode zadao tudi omogoene enakega dostopa do izvoda izvorne kode, eprav tretje osebe niso dolne razmnoevati izvorne kode poleg objektne kode. </para>
Program, ki ne vsebuje izpeljanke nobenega dela knjinece, a je zasnovan tako, da deluje s to knjinico tako, da je z njo preveden ali povezan, se imenuje "delo, ki uporablja knjinico". Tako delo samo po sebi ni iz knjinece izpeljano delo, in torej ni predmet te licence. 

Vendar povezovanje "delo, ki uporablja knjinico" s knjinico naredi izvedljivo datoteko, ki je izpeljanka te knjinice, ker vsebuje dele knjinice, in ne "delo, ki uporablja knjinico". Izvedljiva datoteka je torej pokrita s to licenco. Pogoje razirjanja taknih programov doloa razdelek 6. 

e takna objektna datoteka uporablja le numerine parametre, podatkovne strukture in naine dostopa, in male makroukaze in male vkljuene funkcije (dolge deset vrstic ali manj), potem uporaba objektne datoteke ni omejena, ne glede na to, da je vso gledano iz peljano delo. (Izvedljive datoteke, ki vsebujejo objektne kodo in dele knjinice, v vedno sodijo pod razdelek 6.)

e je sicer delo izpeljano iz knjinece, lahko razirjate izvorno kodo dela pod pogoji razdelek 6. 

Kot izjemo glede na zgornje razdelke lahko tudi kombinirate ali povezujete "delo, ki uporablja knjinico" s knjinico, ki izdela delo, ki vsebuje dele knjinice, in razirjate to delo pod pogoji po vam izbiri, e ti pogoji dovoljujejo spreminjanje dela za uporabnikovo lastno rabo in obratni ineniring za razhroevanje taknih sprememb.

Poleg vsakega izvoda dela morate dodati jasno obvestilo, da delo uporablja knjinico in da rabo knjinice doloa ta licence. Oddati morate tudi izvod te licence. e delo med izvajanjem izpisuje pravice razirjanja za knjinico, kot tudi sklic, ki usmerja uporabnika na izvod te licence. Narediti morate tudi eno od teh stvari: 

Opremite delo s popolno ustrezno strojno berljivo izvorno kodo za knjinico, vkljuno z vsemi spremembami v tem delu (ki mora biti razirjano pod pogoji zgornjih razdelkov in razsečo "sect1">1 </link> in <link linkend="sect2">2</link>); in, e delo ni izvedljivo povezano s knjinico, popolno strojno berljivo "delo, ki uporablja knjinico"; kot objektne kodo in/ali izvorno kodo, tako da lahko uporabnik spremeni knjinico in potem vnovi povee program, da izdela spremenjeno izvedljivo datoteko, ki vsebuje spremenjeno knjinico. (Razume se, da uporabnik, ki spremeni vsebino definicijskih datotek v knjinici, morda ne bo mogel vnovi prevesti programa,
da bi uporabil spremenjene definicije.) </para>
</listitem>

<p>Za povezovanje s knjino uporabite primeren mehanizem deljenih knjinc. Primeren mehanizem (1) obteku uporablja izvod programa, ki e obstaja v uporabnikovem raunalnikem sistemu, namesto, da bi prepisal knjinine funkcije v samo izvedljivo datoteko, in (2) pravilno deluje s spremenjeno razliico knjinc, e jo uporabnik namesti, e je le vmesnik spremenjene razlice združljiv z razliico, za katero je bilo delo izdelano.</p>
</listitem>

<p>Opremite delo s pisno ponudbo, veljavno vsaj tri leta, ki ponuja istemu uporabniku gradiva, dolega v zgornjem linkend="sect6a">podrazdelku 6a</linkend>, proti plailu zneska, ki ne presega dejanskih strokov taknega razirjanja.</p>

<p>Opremite delo s pisno ponudbo, veljavno vsaj tri leta, ki ponuja istemu uporabniku gradiva, dolega v zgornjem linkend="sect6a">podrazdelku 6a</linkend>, proti plailu zneska, ki ne presega dejanskih strokov taknega razirjanja.</p>
</listitem>

<p>Pri izvedljivem delu mora zahtevana oblika <quote>dela, ki uporablja knjinico</quote> vključevati vse podatke in pomone programe, potrebne za ponovno izdelavo izvedljive datoteke iz nje. Vendar - kot posebna izjema - ni nujno, da razirjeno gradivo vključuje vse, kar se navadno razirja (v izvorni ali strojni obliki) z vejimi komponentami (prevajalnik, jedro, itn.) operacijskega sistema, na katerem tee izvedljiva datoteka, razen e ta komponenta spremlja izvedljivo datoteko.</p>

<p>Lahko se zgodi, da te zahteve nasprotujejo licennim omejitvam drugih lastnikih knjinc, ki navadno ne spremljajo operacijskega sistema. Takno nasprotovanje pomeni, da jih ne morete uporabljati hkrati s knjincovo izvedljivo datoteko, ki jo boste razirjali.</p>

</sect2>

<sect2 id="sect7" label="7">
<title>Razdelek 7</title>

<p>Dele knjinc, ki so dela, temeljena na knjincu, lahko uvrstiti v skupno knjincu z drugimi deli knjinc, ki jih ta Licenca ne pokriva, ter razirjate takno kombinirano knjincu, e je sicer dovoljeno loeno razirjati Knjincu in druge dele knjinc, in e naredite naslednji stvari:</p>

<orderedlist numeration="loweralpha">
<li>Kombinirano knjinc pospremite z izvodom istega dela, ki temelji na Knjincu, brez kakrnihkoli dodatnih delov knjinc. To se mora razirjati pod pogoji iz zgornjih razdelkov.</li>
</orderedlist>

</sect2>
Poleg kombinirane knjice podajte vidno obvestilo, da deli knjine temeljijo na Knjini, in pojasnite, kje najti ustrezen nekombinirano obliko istega dela.

Knjine ni dovoljeno razmnoevati, spreminjati, podrejati dovoljenja, jo povezovati ali razirjati, in to ni izrecno dovoljeno s priujoim dovoljenjem. Vsak sicernji poskus razmnoevanja, spreminjanja, podrejanja dovoljenja, povezovanja ali raziranja knjine ni njen in vam samodejno odvzame pravice, izhajajoc iz tega dovoljenja. Vendar pa se osebam, ki so svoj izvod ali pravice doble od vas pod tem dovoljenjem, dovoljenje ne prekine, dokler jo v celoti spotujejo.

Ni vam treba sprejeti pogojev dovoljenja, saj ga niste podpisali. Vendar vam brez slednjega ni ne dovoljuje spreminjanja ali raziranja knjine ali iz nje izpeljanih del. e ne sprejmete tega dovoljenja, so ta dejanja nezakonita. Torej, s spremembo ali razirjanjem knjine (ali kateregakoli dela, ki temelji na knjini) pokaste svoje strinjanje s tem dovoljenjem in z vsemi njegovimi dololi in pogoji za razmnoevanje, raziranje ali spreminjanje knjine ali del, ki temeljijo na njej.

Vsaki, ko razirjate knjino (ali katerokoli delo, ki temelji na knjini), prejemnik samodejno prejme dovoljenje izvorne izdajatelja dovoljenja (angl. original licensor) za razmnoevanje, raziranje, povezovanje ali spreminjanje knjine glede na ta dolola in pogoje. Ni dovoljeno vsiljevati nobenih nadaljnih omejitev izvajanja prejemnikovih pravic, podeljenih tukaj. Niste odgovorni za vsiljevanje strinjanja tretjih oseb s tem dovoljenjem.

Vsjo, kot posledica presoje sodia ali suma kritve patenta ali iz katerega koli drugega razloga (ne omejenega zgolj na patentna vpraanja), vsiljeni pogojo (bodisi z odlokom sodia, sporazumom ali drugae), ki nasprotujejo pogojem tega dovoljenja, vas ne odvezujejo spotovanja pogojev tega dovoljenja. e knjine ne morete razirjati tako, da hkrati zadostite svojim obvezam pod tem dovoljenjem in vsem drugim ustreznim obvezam, potem posledino sploh ne smete razirjati knjine. Na primer, e patentno dovoljenje ne dovoli raziranja knjine brez plaevanja avtorskega honorarja vseh, ki prejmejo izvode neposredno ali posredno od vas, potem je edina mona pot, da zadostite temu pogoju in temu dovoljenju, ta, da se v celoti vzdrite razirjanja knjine.

Se za katerikoli del tega razdelka ugotovi, da je neveljaven ali da ga ni mogo izvajati pod nobenim
doloenim pogojem, je miljeno, da velja usmeritev tega razdelka (angl. balance of the section) in razdelek kot celota velja v drugih primerih.</para>

<para>Namen tega razdelka ni, da bi vas napeljeval h kritvi patentov ali drugih trditev lastnita pravic ali izpodbijal veljavnost katerihkoli takšnih trditev; edini namen tega razdelka je itenje integritete sistema razirjanja proste programske opreme, ki je izveden s prakso javnih dovoljenj. Mnogi ljudje so radodarno prispevali k irokemu naboru programske opreme, razirjane preko tega sistema, v upanju na njegovo dosledno izvajanje; od avtorja/dajalca je odvisno, e je pripravljen razirjati programje skozi katerikoli drug sistem, in izdajatelj dovoljenja ne more vsiljevati te izbire.</para>

<para>Ta razdelek namerava temeljito pojasniti, kaj so predvidene posledice preostalega besedila dovoljenja.</para>

</sect2>

<sect2 id="sect12" label="12">
<title>Razdelek 12</title>

<para>e sta razirjanje in/ali uporaba knjinice v doloenih dravah omejena, bodisi zaradi patentov ali avtorsko zahtevnih vmesnikov, lahko izvorni lastnik ali lastnica avtorskih pravic, ki postavlja knjinico pod to dovoljenje, doda izrecno zemljijsko omejitev razirjanja, ki izkljuje te drave, tako da je razirjanje dovoljeno le v in med dravami, ki niso na tak način izkljuene. V takem primeru to dovoljenje vkljuje omejitve, kot da so zapisane v besedilu tega dovoljenja.</para>

</sect2>

<sect2 id="sect13" label="13">
<title>Razdelek 13</title>

<para>Ustanova Free Software Foundation lahko od asa do asa izdaja preurejene in/ali nove razliice Manj splonega dovoljenja (angl. Lesser General Public License). Nove razliice bodo pisane v duhu trenutne razliice, vendar se lahko razlikujejo v podrobnostih, ki bodo obravnavale nove teave ali poglede.</para>

</sect2>

<sect2 id="sect14" label="14">
<title>Razdelek 14</title>

<para>Vsaki različi je dovoljeno razloevalna tevilka različne. e knjinica doloa tevilko različne tega dovoljenja, ki se nanaa nanjo v "katero kol poznajo različico"<quote>, imate izbizo upotevanja pogojev in doolod bodisi te različice ali poljubne kasneje različice, ki jo je izdala ustanova Free Software Foundation. e knjinica ne doloa tevilke različne tega dovoljenja, lahko izberete poljubno različico, ki jo je kdajkoli izdala ustanova Free Software Foundation.</para>

</sect2>

<para>elite vkljuiti dele knjinice v drugo prosto programsko opremo, katere pogoje razirjanja so drugani od teh, piite avtorju in ga prosite za dovoljenje. Za programje, katerega pravice razirjanja ima Free Software Foundation, piite na Free Software Foundation; vasi pri tem naredimo izjemo. Nao odloitev bosta vodi dva cilja: ohranitev prostega statusa vseh izvedenih del iz nae proste programske opreme in spodbujanje razdeljevanja in ponovne uporabe programja na splono.</para>

</sect2>
KER JE KNJINICA Z DOVOLJENJEM OPREDELJENA KOT BREZPLANA, NI NOBENEGA JAMSTVA ZA KNJINICO DO MEJE, KI JO DOLOA PRISTOJNI ZAKON. E NI DRUGAE ZAPISANO, IMETNIKI PRAVIC RAZIRJANJA IN/ALI DRUGE OSEBE PONUJAJO KNJINICO <quote>TAKNO, KOT JE</quote>, BREZ ZAGOTOVILA KAKRNE KOLI VRSTE, NEPOSREDNEGA ALI POSREDNEGA, KAR VKLJUUJE, A NI OMEJENO NA POSREDNA JAMSTVA CENOVNE VREDNOSTI IN PRIMERNOSTI ZA DOLOENO RABO. CELOTNO TVEGANJE GLEDE KAKOVOSTI IN DELOVANJA KNJINICE PREVZAMETE SAMI. E SE KNJINICA IZKAEZ NA OKVARJENO, SAMI NOSITE STROKE VSEH POTREBNIH STORITEV, POPRAVIL ALI POPRAVKOV.</para>

V NOBENEM PRIMERU, RAZEN E TAKO PRAVI VELJAVNI ZAKON ALI JE PISNO DOGOVORJENO, NE BO LASTNIK PRAVIC RAZIRJANJA ALI KATERAKOLI DRUGA OSEBA, KI LAHKO SPREMIENI IN/ALI PONOVNO RAZIRJA KNJINICO, KOT JE DOVOLJENO ZGORAJ, PREVZE ODGOVORNOSTI ZARADI KODE, NAJSI GRE ZA SPLONO, POSEBNO, NENAMERNO KODO ALI KODO, IZHAJAIJO IZ UPORABE ALI NEZMONOSTI UPORABE KNJINICE (VKLJUNO Z, A NE OMEJENO NA, IZGUBO PODATKOV ALI NENATANNO OBDELAVO PODATKOV ALI IZGUBO, POVRZJENO VAM ALI TRETJIM OSEBAM ALI NEZMOMOST KNJINICE, DA BI DELOVALA S KAKO DRUGO PROGRAMSKO OPREMO), ETUDI JE BIL TAK LASTNIK ALI DRUGA OSEBA OBVEEN O MONOSTI NASTANKA TAKNE KODE.</para>
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"being considered responsible for modifications made by others."

msgid "" 
msgstr "" 
"" <quote></quote>" 
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" " 
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#: ../C/fdl.xml:66(title)
msgid "PREAMBLE"
msgstr ""

#: ../C/fdl.xml:78(para)
msgid ""
msgstr ""
"This License is a kind of <quote>copyleft</quote>, which means that " 
"derivative works of the document must themselves be free in the same sense. " 
"It complements the GNU General Public License, which is a copyleft license " 
"designed for free software."

msgid ""
msgstr ""
"<quote>copyleft</quote>, , " 
". , " 
". GNU General Public License, " 
"copyleft, ."

#: ../C/fdl.xml:85(para)
msgid ""
msgstr ""
"We have designed this License in order to use it for manuals for free " 
"software, because free software needs free documentation: a free program " 
"should come with manuals providing the same freedoms that the software does. " 
"But this License is not limited to software manuals; it can be used for any " 
"textual work, regardless of subject matter or whether it is published as a " 
"printed book. We recommend this License principally for works whose purpose " 
"is instruction or reference."

msgid ""
msgstr ""
" (<quote></quote>) " 
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" " 
" " 
" " 
" " 
" " 
" . ." 
" " 
" . " 

#: ../C/fdl.xml:97(title)
msgid "APPLICABILITY AND DEFINITIONS"
msgstr "", "
This License applies to any manual or other work that contains a notice placed by the copyright holder saying it can be distributed under the terms of this License. The <quote>Document</quote>, below, refers to any such manual or work. Any member of the public is a licensee, and is addressed as "<quote>you</quote>.

"A <quote>Modified Version</quote> of the Document means any work containing the Document or a portion of it, either copied verbatim, or with modifications and/or translated into another language.

"A <quote>Secondary Section</quote> is a named appendix or a front-matter section of the <link>Document</link> that deals exclusively with the relationship of the publishers or authors of the Document to the Document's overall subject (or to related matters) and contains nothing that could fall directly within that overall subject. (For example, if the Document is in part a textbook of mathematics, a Secondary Section may not explain any mathematics.) The relationship could be a matter of historical connection with the subject or with related matters, or of legal, commercial, philosophical, ethical or political position regarding them."

"( )", ".

"( )", ".

"<quote></quote>"
""

#: ../C/fdl.xml:129(para)
msgid ""
"The \textit{Invariant Sections} are certain \textit{Secondary Sections} whose titles are designated, as being " "those of Invariant Sections, in the notice that says that the \textit{Document} is released under this License."
msgstr ""
""<quote> </quote> \textit{Secondary Sections} </link>, " 
". " 
". " 
". <link linkend="fdl-document"> </link> </" 
"link> , ."

#: ../C/fdl.xml:138(para)
msgid ""
"The \textit{Cover Texts} are certain short passages of text that are " "listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says " "that the \textit{Document} is released under " "this License."
msgstr ""
""<quote> </quote> , " 
". " 
". " 
" 5 , - 25 ."

#: ../C/fdl.xml:146(para)
msgid ""
"A \textit{Transparent} copy of the \textit{Document} means a machine-readable copy, represented in a format whose " "specification is available to the general public, whose contents can be " "viewed and edited directly and straightforwardly with generic text editors " "or (for images composed of pixels) generic paint programs or (for drawings) " "some widely available drawing editor, and that is suitable for input to text " "formatters or for automatic translation to a variety of formats suitable for " "input to text formatters. A copy made in an otherwise Transparent file " "format whose markup has been designed to thwart or discourage subsequent " "modification by readers is not Transparent. A copy that is not " "\textit{Transparent} is called \textit{Opaque}."
msgstr ""
""<quote> </quote> - " 
"<link linkend="fdl-document"> </link>, , " 
". " 
". " 
". ( ) " 
". ( ) "
Examples of suitable formats for Transparent copies include plain ASCII

"without markup, Texinfo input format, LaTeX input format, SGML or XML using"

"a publicly available DTD, and standard-conforming simple HTML designed for"

"human modification. Opaque formats include PostScript, PDF, proprietary"

"formats that can be read and edited only by proprietary word processors,"

"SGML or XML for which the DTD and/or processing tools are not generally"

"available, and the machine-generated HTML produced by some word processors"

"for output purposes only."

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"itself, plus such following pages as are needed to hold, legibly, the"

"material this License requires to appear in the title page. For works in"

"formats which do not have any title page as such, <quote>Title Page</quote>"

"means the text near the most prominent appearance of the work's title,"

"preceding the beginning of the body of the text."
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"must enclose the copies in covers that carry, clearly and legibly, all these "Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on the back cover. Both covers must also clearly and legibly identify you as the publisher of these copies. The front cover must present the full title "with all words of the title equally prominent and visible. You may add other material on the covers in addition. Copying with changes limited to the covers, as long as they preserve the title of the Document and satisfy these conditions, can be treated as "verbatim copying in other respects."
"your agents or retailers) of that edition to the public."
msgstr ""
"<link linkend="fdl-transparent"
"\"></link> 100 , "
" - <link linkend="fdl-"
"transparent"> </link>, "
" . , "
" . "
" . , "
" . "
" ( "
" )."

#: .:/C/fdl.xml:257(para)
msgid ""
"It is requested, but not required, that you contact the authors of the <link "
"linkend="fdl-document">Document</link> well before redistributing any "
"large number of copies, to give them a chance to provide you with an updated "
"version of the Document."
msgstr ""
". , "
" , <link linkend="fdl-document"
"\"></link>, "
" 

#: .:/C/fdl.xml:266(title)
msgid "MODIFICATIONS"
msgstr ""

#: .:/C/fdl.xml:267(para)
msgid ""
"You may copy and distribute a <link linkend="fdl-modified">Modified "
"Version</link> of the <link linkend="fdl-document">Document</link> under "
"the conditions of sections <link linkend="fdl-section2">2</link> and <link "
"linkend="fdl-section3">3</link> above, provided that you release the "
"Modified Version under precisely this License, with the Modified Version "
"filling the role of the Document, thus licensing distribution and "
"modification of the Modified Version to whoever possesses a copy of it. In "
"addition, you must do these things in the Modified Version:"n
msgstr ""
" <link linkend="fdl-modified"
"\"></link> <link linkend="fdl-document"></link>
"link> <link linkend="fdl-document"
"section2">2</link> <link linkend="fdl-section3">3</link>, "
" . "
" . "
" . "
" ."
Use in the <link linkend="fdl-title-page">Title Page</link> (and on the "covers, if any) a title distinct from that of the <link linkend="fdl-document">Document</link>, and from those of previous versions (which "should, if there were any, be listed in the History section of the "Document). You may use the same title as a previous version if the original "publisher of that version gives permission."

List on the <link linkend="fdl-title-page">Title Page</link>, as authors, "one or more persons or entities responsible for authorship of the "modifications in the <link linkend="fdl-modified">Modified Version</link>, "together with at least five of the principal authors of the <link linkend="fdl-document">Document</link> (all of its principal authors, if it has "less than five)."

State on the <link linkend="fdl-title-page">Title Page</link> the name of "the publisher of the <link linkend="fdl-modified">Modified Version</link>, "as the publisher."
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Preserve in that license notice the full lists of Invariant Sections and required Cover Texts given in the Document's license notice.

Include an unaltered copy of this License.

Preserve the section entitled History, and its title, and add to it an item stating at least the title, year, new authors, and publisher of the Modified Version as given on the Title Page. If there is no section entitled History in the Document, create one stating the title, year, authors, and
"publisher of the Document as given on its Title Page, then add an item "
"describing the Modified Version as stated in the previous sentence."
msgid "
"    <quote></quote>:    "
"    ,    ,    ,    ,    "
"    <link linkend="fdl-modified"> "
"    </link> (    <link linkend="fdl-title-page"> "
"    </link>).    "
"    <quote></quote>,    '    "
"    <link linkend="fdl-document"></link>,    "
"    ,    (    )    "
"    ,    .    "

#: ../C/fdl.xml:372(para)
msgid "
"Preserve the network location, if any, given in the <link linkend="fdl-
"document">Document</link> for public access to a <link linkend="fdl-
"transparent">Transparent</link> copy of the Document, and likewise the "
"network locations given in the Document for previous versions it was based "
"on. These may be placed in the <quote>History</quote> section. You may omit "
"a network location for a work that was published at least four years before "
"the Document itself, or if the original publisher of the version it refers "
"to gives permission."
msgid "
"    ,    <link "
"    linkend="fdl-document"></link> (    ),    "
"    <link linkend="fdl-transparent"></link>  "
"    ,    ,    "
"    .    <quote></quote>.    "
"    ,    "
"    ,    .    "

#: ../C/fdl.xml:387(para)
msgid "
"In any section entitled <quote>Acknowledgements</quote> or "
"<quote>Dedications</quote>, preserve the section's title, and preserve in "
"the section all the substance and tone of each of the contributor "
"acknowledgements and/or dedications given therein."
msgid "
"    <quote></quote> <quote></quote> "
"    ,    "
"    ,    /    "
"    .    "

#: ../C/fdl.xml:397(para)
msgid "
"Preserve all the <link linkend="fdl-invariant">Invariant Sections</link> "
"of the <link linkend="fdl-document">Document</link>, unaltered in their "
"text and in their titles. Section numbers or the equivalent are not "

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"considered part of the section titles."
msgid ""
"  <link linkend="\"fdl-invariant\""> </link> <link "
"linkend="\"fdl-document\""> </link>, "
"  . . "
"  .

#: ../C/fdl.xml:407(para)
msgid ""
"Delete any section entitled <quote>Endorsements</quote>. Such a section may "
"not be included in the <link linkend="\"fdl-modified\"">Modified Version</" 
"link>."
msgid ""
"  <quote></quote>, . "
"  <link linkend="\"fdl-modified" 
"\"> </link>.

#: ../C/fdl.xml:416(para)
msgid ""
"Do not retitle any existing section as <quote>Endorsements</quote> or to "
"conflict in title with any <link linkend="\"fdl-invariant\">Invariant " 
"Section</link>." 
msgid ""
"  <quote></quote> , <link linkend="\"fdl- "
"invariant\"> </link>.

#: ../C/fdl.xml:425(para)
msgid ""
"If the <link linkend="\"fdl-modified\">Modified Version</link> includes new "
"front-matter sections or appendices that qualify as <link linkend="\"fdl- "
"secondary\">Secondary Sections</link> and contain no material copied from " 
"the Document, you may at your option designate some or all of these sections " 
"as invariant. To do this, add their titles to the list of <link linkend="" 
"\"fdl-invariant\">Invariant Sections</link> in the Modified Version's " 
"license notice. These titles must be distinct from any other section titles." 
msgid ""
"  <link linkend="\"fdl-modified\"> </link> "
" , <link linkend="\"fdl- "
"secondary\"> </link> , "
"  . . "
"  . <link "
"linkend="\"fdl-invariant\"> </link> "
"  . "
"  .

#: ../C/fdl.xml:437(para)
msgid ""
"You may add a section entitled <quote>Endorsements</quote>, provided it "
"contains nothing but endorsements of your <link linkend="fdl-modified" "\"">Modified Version</link> by various parties--for example, statements of "
"peer review or that the text has been approved by an organization as the "
"authoritative definition of a standard."
msgid ""
"   <quote></quote>,   
"   <link linkend="fdl-modified">  
" ,    ,     
"    ."
#: ../C/fdl.xml:446(para)
msgid ""
"You may add a passage of up to five words as a <link linkend="fdl-cover- "
"texts">Front-Cover Text</link>, and a passage of up to 25 words as a <link "
"linkend="fdl-cover-texts">Back-Cover Text</link>, to the end of the list "
"of <link linkend="fdl-cover-texts">Cover Texts</link> in the <link linkend=" "\"">Modified Version</link>. Only one passage of Front-Cover "
"Text and one of Back-Cover Text may be added by (or through arrangements "
"made by) any one entity. If the <link linkend="fdl-document">Document</link> "
"link> already includes a cover text for the same cover, previously added by "
"you or by arrangement made by the same entity you are acting on behalf of, "
"you may not add another; but you may replace the old one, on explicit "
"permission from the previous publisher that added the old one."
msgid ""
"       '   <link linkend="fdl- 
"cover-texts">  </link>    '   
" <link linkend="fdl-cover-texts">  </link>   
" <link linkend="fdl-cover-texts"> </link> <link "
"linkend="fdl-modified"> </link>  
".  ,  ,     ,  
"           -  
"  .<link linkend="fdl-document"></link>    ,  ,   ,   
"  ,      ,    
"          
"),    ."
#: ../C/fdl.xml:463(para)
msgid ""
"The author(s) and publisher(s) of the <link linkend="fdl-document" "\"">Document</link> do not by this License give permission to use their names "
"for publicity for or to assert or imply endorsement of any <link linkend=" "\"">Modified Version</link>.
msgid ""
"() () <link linkend="fdl-document"></link> "
" "

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In the combination, you must combine any sections entitled History in the various original documents, forming one section entitled
"<quote>History</quote>; likewise combine any sections entitled "
"<quote>Acknowledgements</quote>, and any sections entitled "
"<quote>Dedications</quote>. You must delete all sections entitled "
"<quote>Endorsements.</quote>

msgstr ""

" "
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" "

#: ../C/fdl.xml:509(title)
msgid "COLLECTIONS OF DOCUMENTS"
msgstr ""

#: ../C/fdl.xml:510(para)
msgid "You may make a collection consisting of the <link linkend="fdl-document">Document</link> and other documents released under this License, and "
"replace the individual copies of this License in the various documents with "
"a single copy that is included in the collection, provided that you follow "
"the rules of this License for verbatim copying of each of the documents in "
"all other respects."
msgstr ""

"<link linkend="fdl-document"></link>" "

#: ../C/fdl.xml:520(para)
msgid "You may extract a single document from such a collection, and dispbibute it "
"individually under this License, provided you insert a copy of this License "
"into the extracted document, and follow this License in all other respects "
"regarding verbatim copying of that document."
msgstr ""

#: ../C/fdl.xml:530(title)
msgid "AGGREGATION WITH INDEPENDENT WORKS"
msgstr ""

#: ../C/fdl.xml:531(para)
msgid ""A compilation of the <link linkend="fdl-document">Document</link> or its "
"
derivatives with other separate and independent documents or works, in or on "
"a volume of a storage or distribution medium, does not as a whole count as a "
"<link linkend="fdl-modified"">Modified Version</link> of the Document, "
"provided no compilation copyright is claimed for the compilation. Such a "
"compilation is called an <quote>aggregate</quote>, and this License does not "
"apply to the other self-contained works thus compiled with the Document, on "
"account of their being thus compiled, if they are not themselves derivative "
"works of the Document. If the <link linkend="fdl-cover-texts">Cover Text</link> "
"requirement of <link linkend="fdl-section3">section 3</link> is "
"applicable to these copies of the Document, then if the Document is less "
"than one quarter of the entire aggregate, the Document's Cover Texts may be "
"placed on covers that surround only the Document within the aggregate. "
"Otherwise they must appear on covers around the whole aggregate."

msgid "TRANSLATION"
msgstr ""

"Translation is considered a kind of modification, so you may distribute "
"translations of the <link linkend="fdl-document">Document</link> under the "
"terms of <link linkend="fdl-section4">section 4</link>. Replacing <link "
"linkend="fdl-invariant">Invariant Sections</link> with translations "
"requires special permission from their copyright holders, but you may "
"include translations of some or all Invariant Sections in addition to the "
"original versions of these Invariant Sections. You may include a translation "
"of this License provided that you also include the original English version "
"of this License. In case of a disagreement between the translation and the "
"original English version of this License, the original English version will "
"prevail."
msgstr ""
"<link linkend="fdl-"
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"version published by the Free Software Foundation; with the <link linkend="""
"\"fdl-invariant\"">Invariant Sections</link> being LIST THEIR TITLES, with "
"the <link linkend="\"fdl-cover-texts\"">Front-Cover Texts</link> being LIST, "
"and with the <link linkend="\"fdl-cover-texts\"">Back-Cover Texts</link> being "
"LIST. A copy of the license is included in the section entitled <quote>GNU "
"Free Documentation License</quote>.

msgstr ""

" GNU Free Documentation License, 1.1 - "
", Free Software Foundation; "
" <link linkend="\"fdl-invariant\""> </link>; "
" <link linkend="\"fdl-cover-texts\""> </link>. "
" <quote>GNU Free Documentation License</quote>.

#: ./C/fdl.xml:640(para)
msgid ""
msgstr ""

"If you have no <link linkend="\"fdl-invariant\"">Invariant Sections</link>, "
"write <quote>with no Invariant Sections</quote> instead of saying which ones "
"are invariant. If you have no <link linkend="\"fdl-cover-texts\"">Front-Cover "
"Texts</link>, write <quote>no Front-Cover Texts</quote> instead of "
"<quote>Front-Cover Texts being LIST</quote>; likewise for <link linkend="""
"\"fdl-cover-texts\"">Back-Cover Texts</link>."

msgstr ""

" <link linkend="\"fdl-invariant\""> </link> "
" <link linkend="\"fdl-cover-texts\""> </link>, "
":;

#: ./C/fdl.xml:650(para)
msgid ""
msgstr ""

"If your document contains nontrivial examples of program code, we recommend "
"releasing these examples in parallel under your choice of free software "
"license, such as the <ulink type="http" url="http://www.gnu.org/copyleft/"
"gpl.html"> GNU General Public License</ulink>, to permit their use in free "
"software."

msgstr ""

":;

" , , <ulink type="http" url="""
"http://www.gnu.org/copyleft/gpl.html"> GNU General Public License</ulink>, "
"ulink>, "

"="

#: Put one translator per line, in the form of NAME <EMAIL>, YEAR1, YEAR2.
#: ./C/fdl.xml:0(Nothing)
msgid "translator-credits"
msgstr "<dziumanenko@gmail.com>"
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Exception:

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Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial
distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

</sect2>

<sect2 id="sect4" label="4">
<title>4</title>

</sect2>

<sect2 id="sect5" label="5">
<title>5</title>

</sect2>

<sect2 id="sect6" label="6">
<title>6</title>

</sect2>

<sect2 id="sect7" label="7">
<title>7</title>

</sect2>

<sect2 id="sect8" label="8">
<title>8</title>

</sect2>
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Tothom pot copiar i distribuir cpies literals d'aquest document de licencia, per no es permet de fer-hi modificacions.
The licenses for most software are designed to take away your freedom to "share and change it. By contrast, the GNU General Public License is intended "to guarantee your freedom to share and change free software - to make sure "the software is free for all its users."

"Les llicncies de la majoria de programari estan dissenyades per a prendre-""us la llibertat de compartir-lo i modificar-lo. Contrriament, la Llicncia ""pública general de GNU est pensada per a garantir-vos la llibertat de ""compartir i modificar el programari lliure, per tal d'assegurar que el ""programari sigui lliure per a tots els seus usuaris i usuries."

"When we speak of free software, we are referring to freedom, not price. Our "
"General Public Licenses are designed to make sure that you have the freedom "
"to distribute copies of free software (and charge for this service if you "
"wish), that you receive source code or can get it if you want it, that you "
"can change the software or use pieces of it in new free programs; and that "
"you know you can do these things."

msgstr ""

"Quan parlem de programari lliure ens referim a la llibertat, no al preu. Les "
"nostres llicncies pbliques generals estan pensades per assegurar que "
"tingueu la llibertat de distribuir cpies del programari lliure (i de cobrar "
"per aquest servei, si voleu); que rebeu el codi font o que, si el voleu, el "
"pugueu rebre; que pugueu modificar el programari o fer-ne servir parts en "
"programes lliures nous; i que sapigueu que podeu fer totes aquestes cases."

#: C/index.docbook:90(sect1/para)
msgid ""

"To protect your rights, we need to make restrictions that forbid anyone to "
"deny you these rights or to ask you to surrender the rights. These "
"restrictions translate to certain responsibilities for you if you distribute "
"copies of the software, or if you modify it."

msgstr ""

"Per a protegir els vostres drets, cal que apliquem restriccions que "
"prohibeixin a tothom de negar-vos aquests drets o demanar-vos que hi "
"renuncieu. Aquestes restriccions suposen determinades responsabilitats per a "
"vs si distribuu cpies del programari o si el modifiqueu."

#: C/index.docbook:97(sect1/para)
msgid ""

"For example, if you distribute copies of such a program, whether gratis or "
"for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights."

msgstr ""

"Per exemple, si distribuu cpies d'un programa, tant si el distribuu de "
"franc com si en feu pagar un preu, heu de donar als destinataris els "
"mateixos drets que teniu vs. Us heu d'assegurar que ells tamb en rebin o "
"puguin aconseguir-ne el codi font, i els heu de fer saber aquests termes per "
"tal que coneguin els seus drets."

#: C/index.docbook:109(listitem/para)
msgid "copyright the software, and"
msgid ""

msgstr "Ens reservem el copyright del programari, i"

#: C/index.docbook:114(listitem/para)
msgid "offer you this license which gives you legal permission to copy, distribute "
"and/or modify the software."

msgstr ""
"distribuir i/o modificar el programari." 

#: C/index.docbook:104(sect1/para)
msgid "We protect your rights with two steps: \<\_\_\_\_orderedlist-1/>" 
msgstr "Protegim els vostres drets amb dos passos: \<\_\_\_\_orderedlist-1/>"

#: C/index.docbook:122(sect1/para)
msgid "Also, for each author's protection and ours, we want to make certain that "
"everyone understands that there is no warranty for this free software. If "
"the software is modified by someone else and passed on, we want its "
"recipients to know that what they have is not the original, so that any "
"problems introduced by others will not reflect on the original authors' "
"reputations."
msgstr "A més a més, per protegir-nos i protegir l'autor o autora, volem estar "
"segurs que tothom entn que no hi ha cap garantia per a aquest programari "
"lliure. Si alg modifica el programari i el passa, volem que els "
"destinataris spiguen que el que tenen no s l'original, per tal que "
"qualsevol problema que hagin pogut introduir terceres persones no "
"repercuteixi en la reputaci de l'autor o autora original."

#: C/index.docbook:131(sect1/para)
msgid "Finally, any free program is threatened constantly by software patents. We "
"wish to avoid the danger that redistributors of a free program will "
"individually obtain patent licenses, in effect making the program "
"proprietary. To prevent this, we have made it clear that any patent must be "
"licensed for everyone's free use or not licensed at all."
msgstr "Finalment, qualsevol programa lliure est constantment amenaat per les "
"patents de programari. Volem evitar el perill que els redistribudors d'un "
"programa lliure acabin obtenint llicncies de patents i que, com a "
"consecuencia d'aix, el programa esdevingui propietat exclusiva d'alg. Per "
"evitar-ho, hem deixat clar que, qualsevol patent, se n'han d'emetre "
"llicncies per a tothom o no emetre'n cap."

#: C/index.docbook:139(sect1/para)
msgid "The precise terms and conditions for copying, distribution and modification "
"follow."
msgstr "Les condicions exactes per a la cpia, distribuci i modificaci sn les "
"segents."

#: C/index.docbook:147(sect1/title)
msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION" 
msgstr "TERMES I CONDICIONS PER A LA CPIA, DISTRIBUCI I MODIFICACI"
This License applies to any program or other work which contains a notice "
placed by the copyright holder saying it may be distributed under the terms "
of this General Public License. The <quote>Program</quote>, below, refers to "
any such program or work, and a <quote>work based on the Program</quote> "
means either the Program or any derivative work under copyright law: that is "
to say, a work containing the Program or a portion of it, either verbatim or "
with modifications and/or translated into another language. (Hereinafter, "
"translation is included without limitation in the term <quote>modification</quote> "
"quote>.) Each licensee is addressed as <quote>you</quote>." 

Activities other than copying, distribution and modification are not covered "
by this License; they are outside its scope. The act of running the Program "
is not restricted, and the output from the Program is covered only if its "
contents constitute a work based on the Program (independent of having been "
made by running the Program). Whether that is true depends on what the "
"Program does."

Les activitats que no siguin cpia, distribució o modificació no es tenen en "
compte en aquesta llicència, queden fora del seu mít. No es restringeix "
l'acte d'executar el programa, i la llicència noms protegeix la producció "
que s'obtingui amb el programa si el seu contingut constitueix una obra "
basada en el programa (independentment de si s'ha creat executant el "
programa). Que aquest sigui el cas o no depen de qu faci el programa."
You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
"publiqueu, que completament o en part contingui o sigui un derivat del "
"programa o qualsevol part del programa."

#: C/index.docbook:223(note/title)
msgid "Exception:"
msgstr "Excepci:"

#: C/index.docbook:224(note/para)
msgid ""
msgstr ""
"If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."
msgstr ""
"Si el programa s interactiu per normalment no porta cap indicaci com la "
"que s'ha descrit, tampoc cal que les obres que feu basades en el programa en "
"portin cap."

#: C/index.docbook:213(listitem/para)
msgid ""
msgstr ""
"If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. <_:note-1/>"
msgstr ""
"Si el programa modificat normalment llegeix instruccions interactivament "
"quan s'executa, heu de fer que quan s'arrenqui per a aquest s interactiu de "
"la manera ms habitual, imprimeixi o mostri un missatge que inclogui una "
"nota de copyright adient i un avs de que no hi ha garantia (o, si no, que "
"diguie que la garantia l'oferiu vs mateix) i que els usuaris poden "
"redistribuir el programa sota aquestes condicions, i que indiqui a l'usuari "
"o usuria com veure una cpia d'aquesta llicncia. <_:note-1/>"

#: C/index.docbook:191(sect2/para)
msgid ""
msgstr ""
"You may modify your copy or copies of the Program or any portion of it, thus "
"forming a work based on the Program, and copy and distribute such "
"modifications or work under the terms of <link linkend=""sect1">Section 1</link> above, provided that you also meet all of these conditions: <_:" orderedlist-1/>"
msgstr ""
"Podeu modificar la cpia o cpies del programa o qualsevol tros del programa "
"i, aix, fer una obra basada en el programa, i podeu copiar i distribuir "
"aquestes modificacions o obres sota els termes de la <link linkend=""sect1">Secci 1</link> anterior, sempre que tamb compliu les condicions "
"segents: <_:orderedlist-1/>"
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.
"Accompany it with the complete corresponding machine-readable source code,"
"which must be distributed under the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above on a "
"medium customarily used for software interchange; or,"
"Accompany it with a written offer, valid for at least three years, to give "
"any third party, for a charge no more than your cost of physically "
"performing source distribution, a complete machine-readable copy of the "
"corresponding source code, to be distributed under the terms of Sections 1 "
"and 2 above on a medium customarily used for software interchange; or,"
"Accompany it with the information you received as to the offer to distribute "
"corresponding source code. (This alternative is allowed only for "
"noncommercial distribution and only if you received the program in object "
"code or executable form with such an offer, in accord with Subsection b "
"above.)"
"linkend="sect2">Section 2</link>) in object code or executable form under "
the terms of <link linkend="sect1">Sections 1</link> and <link linkend="sect2">2</link> above provided that you also do one of the following: <_:orderedlist-1/>
msgstr "
"Podeu copiar i distribuir el programa (o una obra basada en el programa,
"segons la <link linkend="sect2">secci 2</link>) en forma executable o de "
codi objecte d'acord amb els termes de les <link linkend="sect1">seccions "
"1 i <link linkend="sect2">2</link> anteriors, amb la condici que "
tamb feu una de les cases segents: <_:orderedlist-1/>"

#: C/index.docbook:297(sect2/para)
msgid "
The source code for a work means the preferred form of the work for making "
"modifications to it. For an executable work, complete source code means all "
"the source code for all modules it contains, plus any associated interface "
"definition files, plus the scripts used to control compilation and "
"installation of the executable. However, as a special exception, the source "
"code distributed need not include anything that is normally distributed (in "
either source or binary form) with the major components (compiler, kernel, "
"and so on) of the operating system on which the executable runs, unless that "
"component itself accompanies the executable." 
msgstr "
"El codi font per a una obra vol dir la forma preferida de l'obra per a fer-" 
"hi modificacions. Per una obra executable, el codi font complet vol dir tot " 
"el codi font per a tots els mduls que cont, ms tots els fitxers de " 
"definici d'interfícies associats si s'escau, ms els scripts que es facin " 
"servir per a controlar la compilaci i la instalaci de l'executable si " 
"s'escau. Tanmateix, com a excepció especial, el codi font que es " 
"distribueixi no cal que inclogui res del que normalment es distribueixi (sia " 
"en forma binria o de codi font) amb els components principals (compilador, " 
"nucl o similars) del sistema operatiu en qu s'executa el programa, tret " 
"que el component en q est acompanyi l'executable." 

#: C/index.docbook:307(sect2/para)
msgid "
If distribution of executable or object code is made by offering access to "
"copy from a designated place, then offering equivalent access to copy the "
"source code from the same place counts as distribution of the source code, " 
"even though third parties are not compelled to copy the source along with " 
"the object code." 
msgstr "
"Si la distribuc de l'executable consisteix a donar accs per a copiar-lo " 
"d'un lloc determinat, aleshores serveix com a distribuc del codi font el " 
"fet de donar un accs equivalent per a copiar el codi font, encara que les " 
"terceres parts no estiguin obligades a copiar el codi font en copiar el codi " 
"objecte."
Section 4

You may not copy, modify, sublicense, or distribute the Program except as explicitly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

Section 5

You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

Section 6

You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

No podeu copiar, modificar, reemetre llicncies, o distribuir el programa si no s de la forma expressa que atorga aquesta Llicncia. Qualsevol altre intent de copiar, modificar, reemetre llicncies, o distribuir el programa s'il·licit i finalitzar automàticament els drets que hagueu obtingut d'aquesta llicncia. Tanmateix, les parts que hagin rebut de vs cpies o drets d'acord amb aquesta llicncia no veuran les seves llicncies finalitzades mentre segueixin observant-les estrictament.

You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

No esteu obligat a acceptar aquesta llicncia, ja que no l'heu signada. Tanmateix, no hi ha cap altra opció que us doni perms per modificar o distribuir el programa o les seves obres derivades. Aquestes accions queden prohibides per la llei si no accepteu aquesta llicncia. Això doncs, en modificar o distribuir el programa o les seves obres derivades, indiqueu que accepteu aquesta llicncia per a fer-ho, i tots els seus termes i condicions per copiar, distribuir o modificar el programa o obres que hi estiguin basades.

Section 6
Each time you redistribute the Program (or any work based on the Program), "the recipient automatically receives a license from the original licensor to "copy, distribute or modify the Program subject to these terms and "conditions. You may not impose any further restrictions on the recipients’ "exercise of the rights granted herein. You are not responsible for enforcing "compliance by third parties to this License.

If, as a consequence of a court judgment or allegation of patent "infringement or for any other reason (not limited to patent issues), "conditions are imposed on you (whether by court order, agreement or "otherwise) that contradict the conditions of this License, they do not "excuse you from the conditions of this License. If you cannot distribute so "as to satisfy simultaneously your obligations under this License and any "other pertinent obligations, then as a consequence you may not distribute "the Program at all. For example, if a patent license would not permit "royalty-free redistribution of the Program by all those who receive copies "directly or indirectly through you, then the only way you could satisfy both "it and this License would be to refrain entirely from distribution of the "Program.

Si, a consecuencia d'una decisi judicial, una demanda per infracci d'una "patent o per qualsevol altra ra (no exclusivament relacionada amb patents), "se us imposen condicions (tant si s per ordre judicial, acord, o el que "sigui) que contradueixen les condicions d'aquesta llicncia, no quede excusat "de les condicions d'aquesta llicncia. Si no us s possible distribuir de "manera que satisfeu alhora les obligacions que us imposa aquesta llicncia i "qualsevol altra obligaci pertinent, aleshores no podeu distribuir el "programa en absolut. Per exemple, si una llicncia de patent no permet "redistribuir gratutament el programa a aquells que hagin rebut cpies de "vs directament o indirecta, aleshores la nica manera en qu podreu "satisfar tant aix com aquesta llicncia seria abstenir-vos completament de "distribuir el programa."
"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply and "
"the section as a whole is intended to apply in other circumstances." 

"Si qualsevol fragment d'aquesta secci queds invalidat o no es pogus fer "
"complir en qualsevol circumstncia particular, la intenci s que s'apliqui "
"el balan de la secci, i que s'apliqui la secci en la seva totalitat en "
"altres circumstncies."

"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system, which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice." 

"El propsit d'aquesta secci no s induir-vos a infringir cap patent ni cap "
" altre requeriment del dret a la propietat, o a discutir-ne la validesa; "
" l'unic propsit d'aquesta secci s protegir la integritat del sistema de "
" distribuci de programari lliure, que s'implementa amb practiques de "
" llicencia pblica. Molta gent ha fet generoses contribucions a l'ampli "
" ventall de programari distribut per aquest sistema refiant-se de "
" l'aplicaci consistent del sistema; li pertoca a l'autor, autora o donant "
" decidir si vol distribuir programari per algun altre sistema, i un "
" beneficiari de la llicencia no pot imposar aquesta elecci."

"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License." 

"Aquesta secci pretn deixar del tot clar el que es considera una "
"conseqncia de la resta de la llicencia." 

"If the distribution and/or use of the Program is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Program under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded. "
"In such case, this License incorporates the limitation as if written in the "
"body of this License."
msgstr ""
"Si hi ha pasos que restringeixen la distribució o l's del programari, ja "
"sigui per patents o per interfeïces sota copyright, el possessor del "
"copyright original que posi el programa sota aquesta llicència pot afegir "
"limitacions geogràfiques explícites que exclouguin aquests pasos, de manera "
"que la distribució noms quedí permesa dins dels pasos no exclosos, o entre "
"ells. En tal cas, aquesta llicència incorpora la limitació com si estigués "
"escrita en el text de la llicència."

#: C/index.docbook:402(sect2/title)
msgid "Section 9"
msgstr "Secció 9"

#: C/index.docbook:404(sect2/para)
msgid ""
"The Free Software Foundation may publish revised and/or new versions of the "
"General Public License from time to time. Such new versions will be similar "
"in spirit to the present version, but may differ in detail to address new "
"problems or concerns."
msgstr ""
"La Free Software Foundation pot publicar versions revisades o noves de la "
"licència pública general de tant en tant. Aquestes versions noves seran "
"semblants en esperit a la versió present, per poden diferir en detalls per "
"tratar noves preocupacions o problemes."

#: C/index.docbook:410(sect2/para)
msgid ""
"Each version is given a distinguishing version number. If the Program "
"specifies a version number of this License which applies to it and "
"<quote>any later version</quote>, you have the option of following the terms "
"and conditions either of that version or of any later version published by "
"the Free Software Foundation. If the Program does not specify a version "
"number of this License, you may choose any version ever published by the "
"Free Software Foundation."
msgstr ""
"Cada versió rep un número de versió distintiu. Si el programa especifica un "
"número de versió d'aquesta llicència que li s aplicable i que també s "
"aplicable a <quote>qualsevol versió posterior</quote>, teniu l'oportunitat de "
"seguir els termes i condicions de la versió especificada o de qualsevol versió "
"publicada posteriorment per la Free Software Foundation. Si "
"el programa no especifica un número de versió d'aquesta llicència, podeu "
"triar qualsevol versió que hagi publicat la Free Software Foundation en "

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"qualsevol data."

"If you wish to incorporate parts of the Program into other free programs "
"whose distribution conditions are different, write to the author to ask for "
"permission. For software which is copyrighted by the Free Software "
"Foundation, write to the Free Software Foundation; we sometimes make "
"exceptions for this. Our decision will be guided by the two goals of "
"preserving the free status of all derivatives of our free software and of "
"promoting the sharing and reuse of software generally."

"Si voleu incorporar parts del programa en altres programes lliures les "
"condicions de distribuci dels quals es diferents, escriviu a l'autor per "
"demanar-li perms. Per al programari que est sota copyright de la Free "
"Software Foundation, escriviu a la Free Software Foundation; de vegades fem "
"excepcions per a permetre-ho. Prendrem la nostra decisi guiats pels dos "
"objectius de mantenir la condici de lliure de tots els derivats del nostre "
"programari lliure i de promoure la compartici i la reutilitzaci del "
"programari en general."

"BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE "
"PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE "
"STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE "
"PROGRAM <quote>AS IS</quote> WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED "
"OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF "
"MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO "
"THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM "
"PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR "
"CORRECTION."

"ATS QUE EL PROGRAMARI T UNA LLICNCIA GRATUTA, NO SE N'OFEREIX CAP TIPUS "
"DE GARANTIA, EN LA MESURA PERMESA PER LES LLEIS APLICABLES. LLEVAT DELS "
"CASOS EN QU S'AFIRMI EL CONTRARI PER SCRIT, ELS LLICENCIADORS I/O LES "
ALTRES PARTS OFEREIXEN EL PROGRAMA "TAL COM S", SENSE CAP "TIPUS DE GARANTIA, NI EXPLICITA NI IMPLICITA; AIX INCLUD, SENSE LIMITAR-
S" LES GARANTIES IMPLICITES DE COMERCIALITZACI I ADEQUACI A UN S "CONCRET. TOT EL RISC PEL QUE FA A LA QUALITAT I RENDIMENT DEL PROGRAMA S "VOSTRE. EN CAS QUE EL PROGRAMA RESULTS DEFECTUS, VS ASSUMIU TOT EL COST "D'ASSISTNCIA, REPARACI O CORRECCI."

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Occitan translation of desktop-gpl.
# Copyright (C) 2006 Free Software Foundation, Inc.
# This file is distributed under the same license as the gnome-desktop
# documentation package.
#
# Yannig MARCHEGAY (yannig@marchegay.org) - 2006-2007
#
msgid"
msgstr"
"Project-Id-Version: desktop-gpl fr\n"
"Report-Msgid-Bugs-To: \n"
"POT-Creation-Date: 2007-08-25 19:45+0100\n"
"PO-Revision-Date: 2007-09-01 21:41+0200\n"
"Last-Translator: Yannig Marchegay (Kokoyaya) <yannig@marchegay.org>\n"
"Language-Team: Occitan (post 1500) <ubuntu-l10n-oci@lists.ubuntu.com>\n"
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 8bit
Plural-Forms: nplurals=2; plural=(n > 1);

#: C/gpl.xml:17(title)
msgid "GNU General Public License"
msgstr ""

#: C/gpl.xml:19(year)
msgid "2000"
msgstr "2000"

#: C/gpl.xml:20(holder)
msgid "Free Software Foundation, Inc."
msgstr ""

#: C/gpl.xml:24(surname)
msgid "Free Software Foundation"
msgstr ""

#: C/gpl.xml:28(publishername)
msgid "GNOME Documentation Project"
msgstr "Show the 'Help' button"

#: C/gpl.xml:33(revnumber)
msgid "2"
msgstr "2"

#: C/gpl.xml:34(date)
msgid "1991-06"
msgstr "06/1991"

#: C/gpl.xml:39(para)
msgid ""
"<address>Free Software Foundation, Inc. <street>51 Franklin Street, Fifth "
"Floor</street>, <city>Boston</city>, <state>MA</state><postcode>02110-1301</" 
"postcode><country>USA</country></address>.
"
msgstr ""

#: C/gpl.xml:48(para)
msgid ""
"Everyone is permitted to copy and distribute verbatim copies of this license "
"document, but changing it is not allowed."
msgstr ""

#: C/gpl.xml:54(releaseinfo)
msgid "Version 2, June 1991"
The licenses for most software are designed to take away your freedom to "share and change it. By contrast, the GNU General Public License is intended "to guarantee your freedom to share and change free software - to make sure "the software is free for all its users.

When we speak of free software, we are referring to freedom, not price. Our "General Public Licenses are designed to make sure that you have the freedom "to distribute copies of free software (and charge for this service if you "wish), that you receive source code or can get it if you want it, that you "can change the software or use pieces of it in new free programs; and that "you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to "deny you these rights or to ask you to surrender the rights. These "restrictions translate to certain responsibilities for you if you distribute "copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or "for a fee, you must give the recipients all the rights that you have. You "
"must make sure that they, too, receive or can get the source code. And you "
"must show them these terms so they know their rights."

msgid "copyright the software, and"

msgid "offer you this license which gives you legal permission to copy, distribute "
"and/or modify the software."

msgid "We protect your rights with two steps: <placeholder-1/>"

msgid "Also, for each author's protection and ours, we want to make certain that "
"everyone understands that there is no warranty for this free software. If "
"the software is modified by someone else and passed on, we want its "
"recipients to know that what they have is not the original, so that any "
"problems introduced by others will not reflect on the original authors' "
"reputations."

msgid "Finally, any free program is threatened constantly by software patents. We "
"wish to avoid the danger that redistributors of a free program will "
"individually obtain patent licenses, in effect making the program "
"proprietary. To prevent this, we have made it clear that any patent must be "
"licensed for everyone's free use or not licensed at all."

msgid "The precise terms and conditions for copying, distribution and modification "
"follow."

msgid "TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION"

# Open Source Used In Data Center Network Manager 11 11.5(4) 7564
This License applies to any program or other work which contains a notice "placed by the copyright holder saying it may be distributed under the terms "of this General Public License. The <quote>Program</quote>, below, refers to "any such program or work, and a <quote>work based on the Program</quote> "means either the Program or any derivative work under copyright law: that is "to say, a work containing the Program or a portion of it, either verbatim or "with modifications and/or translated into another language. (Hereinafter, "translation is included without limitation in the term <quote>modification</quote>.) Each licensee is addressed as <quote>you</quote>.

Activities other than copying, distribution and modification are not covered "by this License; they are outside its scope. The act of running the Program "is not restricted, and the output from the Program is covered only if its "contents constitute a work based on the Program (independent of having been "made by running the Program). Whether that is true depends on what the "Program does.

You may copy and distribute verbatim copies of the Program's source code as "you receive it, in any medium, provided that you conspicuously and "appropriately publish on each copy an appropriate copyright notice and "disclaimer of warranty; keep intact all the notices that refer to this "License and to the absence of any warranty; and give any other recipients of "the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you "may at your option offer warranty protection in exchange for a fee.

Open Source Used In Data Center Network Manager 11 11.5(4) 7565
msgstr "Seccion 2"

#: C/gpl.xml:199(para)
msgid ""
"You must cause the modified files to carry prominent notices stating that "
"you changed the files and the date of any change."
msgstr ""

#: C/gpl.xml:205(para)
msgid ""
"You must cause any work that you distribute or publish, that in whole or in "
"part contains or is derived from the Program or any part thereof, to be "
"licensed as a whole at no charge to all third parties under the terms of "
"this License."
msgstr ""

#: C/gpl.xml:223(title)
msgid "Exception:"
msgstr ""

#: C/gpl.xml:224(para)
msgid ""
"If the Program itself is interactive but does not normally print such an "
"announcement, your work based on the Program is not required to print an "
"announcement."
msgstr ""

#: C/gpl.xml:213(para)
msgid ""
"If the modified program normally reads commands interactively when run, you "
"must cause it, when started running for such interactive use in the most "
"ordinary way, to print or display an announcement including an appropriate "
"copyright notice and a notice that there is no warranty (or else, saying "
"that you provide a warranty) and that users may redistribute the program "
"under these conditions, and telling the user how to view a copy of this "
"License. <placeholder-1/>"
msgstr ""

#: C/gpl.xml:191(para)
msgid ""
"You may modify your copy or copies of the Program or any portion of it, thus "
"forming a work based on the Program, and copy and distribute such "
"modifications or work under the terms of <link linkend="sect1">Section 1</link> "
"link> above, provided that you also meet all of these conditions: "
"<placeholder-1/>"
msgstr ""

#: C/gpl.xml:236(para)
These requirements apply to the modified work as a whole. If identifiable "
"sections of that work are not derived from the Program, and can be "
"reasonably considered independent and separate works in themselves, then "
"this License, and its terms, do not apply to those sections when you "
"distribute them as separate works. But when you distribute the same sections "
"as part of a whole which is a work based on the Program, the distribution of "
"the whole must be on the terms of this License, whose permissions for other "
"licensees extend to the entire whole, and thus to each and every part "
"regardless of who wrote it."

Thus, it is not the intent of this section to claim rights or contest your "
"rights to work written entirely by you; rather, the intent is to exercise "
"the right to control the distribution of derivative or collective works "
"based on the Program."

In addition, mere aggregation of another work not based on the Program with "
"the Program (or with a work based on the Program) on a volume of a storage "
"or distribution medium does not bring the other work under the scope of this "
"License."

Accompany it with the complete corresponding machine-readable source code, "
"which must be distributed under the terms of <link linkend="sect1" "
">Sections 1</link> and <link linkend="sect2">2</link> above on a medium "
"customarily used for software interchange; or,"

Accompany it with a written offer, valid for at least three years, to give "
"any third party, for a charge no more than your cost of physically "
"performing source distribution, a complete machine-readable copy of the "
"corresponding source code, to be distributed under the terms of Sections 1 "
"and 2 above on a medium customarily used for software interchange; or,"
Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

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"expressly provided under this License. Any attempt otherwise to copy, "
"modify, sublicense or distribute the Program is void, and will automatically "
"terminate your rights under this License. However, parties who have received "
"copies, or rights, from you under this License will not have their licenses "
"terminated so long as such parties remain in full compliance."

msgstr ""

#: C/gpl.xml:328(title)
msgid "Section 5"
msgstr "Seccion 5"

#: C/gpl.xml:330(para)
msgid ""
"You are not required to accept this License, since you have not signed it. "
"However, nothing else grants you permission to modify or distribute the "
"Program or its derivative works. These actions are prohibited by law if you "
"do not accept this License. Therefore, by modifying or distributing the "
"Program (or any work based on the Program), you indicate your acceptance of "
"this License to do so, and all its terms and conditions for copying, "
"distributing or modifying the Program or works based on it."
msgstr ""

#: C/gpl.xml:341(title)
msgid "Section 6"
msgstr "Seccion 6"

#: C/gpl.xml:343(para)
msgid ""
"Each time you redistribute the Program (or any work based on the Program), "
"the recipient automatically receives a license from the original licensor to "
"copy, distribute or modify the Program subject to these terms and "
"conditions. You may not impose any further restrictions on the recipients’ "
"exercise of the rights granted herein. You are not responsible for enforcing "
"compliance by third parties to this License."
msgstr ""

#: C/gpl.xml:353(title)
msgid "Section 7"
msgstr "Seccion 7"

#: C/gpl.xml:355(para)
msgid ""
"If, as a consequence of a court judgment or allegation of patent "
"infringement or for any other reason (not limited to patent issues), "
"conditions are imposed on you (whether by court order, agreement or "
"otherwise) that contradict the conditions of this License, they do not "
"excuse you from the conditions of this License. If you cannot distribute so "
"as to satisfy simultaneously your obligations under this License and any "
"
"other pertinent obligations, then as a consequence you may not distribute "
"the Program at all. For example, if a patent license would not permit "
"royalty-free redistribution of the Program by all those who receive copies "
"directly or indirectly through you, then the only way you could satisfy both "
"it and this License would be to refrain entirely from distribution of the "
"Program."

msgstr ""

#: C/gpl.xml:367(para)
msgid ""
"If any portion of this section is held invalid or unenforceable under any "
"particular circumstance, the balance of the section is intended to apply and "
"the section as a whole is intended to apply in other circumstances.”
msgstr ""

#: C/gpl.xml:373(para)
msgid ""
"It is not the purpose of this section to induce you to infringe any patents "
"or other property right claims or to contest validity of any such claims; "
"this section has the sole purpose of protecting the integrity of the free "
"software distribution system, which is implemented by public license "
"practices. Many people have made generous contributions to the wide range of "
"software distributed through that system in reliance on consistent "
"application of that system; it is up to the author/donor to decide if he or "
"she is willing to distribute software through any other system and a "
"licensee cannot impose that choice."
msgstr ""

#: C/gpl.xml:383(para)
msgid ""
"This section is intended to make thoroughly clear what is believed to be a "
"consequence of the rest of this License."
msgstr ""

#: C/gpl.xml:390(title)
msgid "Section 8"
msgstr "Seccion 8"

#: C/gpl.xml:392(para)
msgid ""
"If the distribution and/or use of the Program is restricted in certain "
"countries either by patents or by copyrighted interfaces, the original "
"copyright holder who places the Program under this License may add an "
"explicit geographical distribution limitation excluding those countries, so "
"that distribution is permitted only in or among countries not thus excluded. "
"In such case, this License incorporates the limitation as if written in the "
"body of this License."
msgstr ""
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"SUCH DAMAGES."

1.589 itsdangerous 2.1.0
1.589.1 Available under license:

No license file was found, but licenses were detected in source scan.

Metadata-Version: 2.1
Name: itsdangerous
Version: 2.1.0
Summary: Safely pass data to untrusted environments and back.
Home-page: https://palletsprojects.com/p/itsdangerous/
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
Maintainer: Pallets
ItsDangerous
============

... so better sign this

Various helpers to pass data to untrusted environments and to get it back safe and sound. Data is cryptographically signed to ensure that a token has not been tampered with.

It's possible to customize how data is serialized. Data is compressed as needed. A timestamp can be added and verified automatically while loading a token.

Installing
----------

Install and update using `pip`:

.. code-block:: text

    pip install -U itsdangerous


A Simple Example
----------------
Here's how you could generate a token for transmitting a user's id and name between web requests.

```python
from itsdangerous import URLSafeSerializer
auth_s = URLSafeSerializer("secret key", "auth")
token = auth_s.dumps({"id": 5, "name": "itsdangerous"})

print(token)
# eyJpZCI6NSwibmFtZSI6Iml0c2Rhbmdlcm91cyJ9.6YP6T0BaO67XP--9UzTrmuXSmg

data = auth_s.loads(token)
print(data["name"])
# itsdangerous
```

Donate
-----

The Pallets organization develops and supports ItsDangerous and other popular packages. In order to grow the community of contributors and users, and allow the maintainers to devote more time to the projects, `please donate today`.

`please donate today`: https://palletsprojects.com/donate

Links
-----

- Documentation: https://itsdangerous.palletsprojects.com/
- Changes: https://itsdangerous.palletsprojects.com/changes/
- PyPI Releases: https://pypi.org/project/ItsDangerous/
- Source Code: https://github.com/pallets/itsdangerous/
- Issue Tracker: https://github.com/pallets/itsdangerous/issues/
- Website: https://palletsprojects.com/p/itsdangerous/
- Twitter: https://twitter.com/PalletsTeam
- Chat: https://discord.gg/pallets

Found in path(s):
* /opt/cola/permits/1274088286_1646263124.77/0/itsdangerous-2.1.0.tar.gz/itsdangerous-2.1.0/src/itsdangerous.egg-info/PKG-INFO
* /opt/cola/permits/1274088286_1646263124.77/0/itsdangerous-2-1-0-tar-gz/itsdangerous-2.1.0/itsdangerous.egg-info/PKG-INFO

No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/cola/permits/1274088286_1646263124.77/0/itsdangerous-2-1-0-tar-gz/itsdangerous-2.1.0/LICENSE.rst

No license file was found, but licenses were detected in source scan.

[metadata]
name = itsdangerous
version = attr: itsdangerous.__version__
url = https://palletsprojects.com/p/itsdangerous/
project_urls =
  Donate = https://palletsprojects.com/donate
  Documentation = https://itsdangerous.palletsprojects.com/
  Changes = https://itsdangerous.palletsprojects.com/changes/
  Source Code = https://github.com/pallets/itsdangerous/
  Issue Tracker = https://github.com/pallets/itsdangerous/issues/
  Twitter = https://twitter.com/PalletsTeam
  Chat = https://discord.gg/pallets
license = BSD-3-Clause
license_files = LICENSE.rst
author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
maintainer_email = contact@palletsprojects.com
description = Safely pass data to untrusted environments and back.
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
    Development Status :: 5 - Production/Stable
    Intended Audience :: Developers
    License :: OSI Approved :: BSD License
    Operating System :: OS Independent
    Programming Language :: Python

[options]
    packages = find:
    package_dir = = src
    include_package_data = True
    python_requires = >= 3.7

[options.packages.find]
    where = src

[tool:pytest]
    testpaths = tests
    filterwarnings =
        error

[coverage:run]
    branch = True
    source =
        itsdangerous
        tests

[coverage:paths]
    source =
        src
    */site-packages

[flake8]
    select = B, E, F, W, B9, ISC
    ignore =
        E203
        E501
        E722
        W503
    max-line-length = 80
    per-file-ignores =
        src/itsdangerous/__init__.py: F401

[mypy]
files = src/itsdangerous
python_version = 3.7
show_error_codes = True
disable_subclassing_any = True
disable_untyped_calls = True
disable_untyped_defs = True
disable_incomplete_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True

[mypy-itsdangerous.jws]
disable_untyped_defs = False

[egg_info]
tag_build =
tag_date = 0

Found in path(s):
* /opt/cola/permits/1274088286_1646263124.77/0/itsdangerous-2-1-0-tar-gz/itsdangerous-2.1.0/setup.cfg

1.590 kerberos 1.18
1.590.1 Available under license :

[ NOTE: MIT has only incorporated the mechglue and spnego change, and
not the incremental propagation changes. The filenames are different
between the Sun and MIT sources. The actual MIT filenames appear in
the top-level README file. Original text of Sun's LICENSE file
follows. ]

Subject to the license set forth below, Sun Microsystems, Inc. donates
the attached files to MIT for the purpose of including these
modifications and additions in future versions of the Kerberos system.

Many of the files attached are subject to licenses issued by other
entities, including OpenVision, MIT, and FundsXpress. See the
individual files, and/or related Readme files, for these licenses.

In addition Sun requires that the license set forth below be
incorporated into any future version of the Kerberos system which
contains portions of the files attached. The following files must be
listed, in the top level Readme file, as being provided subject to such license:

```
cmd/krb5/iprop/iprop.x  
cmd/krb5/iprop/iprop_hdr.h  
cmd/krb5/kadmin/server/ipropd_svc.c  
cmd/krb5/kproplog/kproplog.c  
cmd/krb5/slave/kpropd_rpc.c  
lib/gss_mechs/mech_krb5/et/kdb5_err.c  
lib/gss_mechs/mech_spnego/mecch/gssapiP_spnego.h  
lib/gss_mechs/mech_spnego/mecch/spnego_mech.c  
lib/krb5/kadm5/kadm_host_srv_names.c  
lib/krb5/kdb/kdb_convert.c  
lib/krb5/kdb/kdb_hdr.h  
lib/krb5/kdb/kdb_log.c  
lib/krb5/kdb/kdb_log.h  
lib/libgss/g_accept_sec_context.c  
lib/libgss/g_acquire_cred.c  
lib/libgss/g_canon_name.c  
lib/libgss/g_compare_name.c  
lib/libgss/g_context_time.c  
lib/libgss/g_delete_sec_context.c  
lib/libgss/g_dup_name.c  
lib/libgss/g_dup_status.c  
lib/libgss/g_dup_name.c  
lib/libgss/g_exp_sec_context.c  
lib/libgss/g_export_name.c  
lib/libgss/g_glue.c  
lib/libgss/g_imp_name.c  
lib/libgss/g_imp_sec_context.c  
lib/libgss/g_init_sec_context.c  
lib/libgss/g_initialize.c  
lib/libgss/g_inquire_context.c  
lib/libgss/g_inquire_cred.c  
lib/libgss/g_inquire_names.c  
lib/libgss/g_process_context.c  
lib/libgss/g_rel_buffer.c  
lib/libgss/g_rel_cred.c  
lib/libgss/g_rel_name.c  
lib/libgss/g_rel_oid_set.c  
lib/libgss/g_seal.c  
lib/libgss/g_sign.c  
lib/libgss/g_store_cred.c  
lib/libgss/g_unseal.c  
lib/libgss/g_userok.c  
lib/libgss/g_utils.c  
lib/libgss/g_verify.c  
lib/libgss/gssd pname_to_uid.c
```
uts/common/gssapi/include/gssapi_err_generic.h
uts/common/gssapi/include/mechglueP.h

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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/_g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
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lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
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* /opt/cola/permits/1000764326_1646171564.36/0/servlet-api-2-5-jar/javax/servlet/resources/web-app_2_2.dtd

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 * Abstract the invocation of a cache operation.
 *
 * Does not provide a way to transmit checked exceptions but
 * provide a special exception that should be used to wrap any
 * exception that was thrown by the underlying invocation.
 */
* Callers are expected to handle this issue type specifically.
* 
* @author Stephane Nicoll
* @since 4.1
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jar/org/springframework/context/annotation/ImportSelector.java
* /opt/cola/permits/1135892678_1613626672.8/0/spring-context-5-2-10-release-sources-1-
jar/org/springframework/context/annotation/Bean.java
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jar/org/springframework/context/support/AbstractResourceBasedMessageSource.java
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/**
 * Indicates that a component is only eligible for registration when all
 * [@linkplain #value specified conditions] match.
 *
 * &lt;p&gt;A &lt;em&gt;condition&lt;/em&gt; is any state that can be determined programmatically
 * before the bean definition is due to be registered (see [@link Condition] for details).
 *
 * &lt;p&gt;The {@code @Conditional} annotation may be used in any of the following ways:
 * &lt;ul&gt;
 * &lt;li&gt;as a type-level annotation on any class directly or indirectly annotated with
 *     [@code @Component], including [@link Configuration @Configuration] classes&lt;/li&gt;
 * &lt;li&gt;as a meta-annotation, for the purpose of composing custom stereotype annotations&lt;/li&gt;
 * &lt;li&gt;as a method-level annotation on any [@link Bean @Bean] method&lt;/li&gt;
 * &lt;/ul&gt;
 *
 * &lt;p&gt;If a [@code @Configuration] class is marked with [@code @Conditional],
 * all of the [@code @Bean] methods, [@link Import @Import] annotations, and
 * [@link ComponentScan @ComponentScan] annotations associated with that
 * class will be subject to the conditions.
 *
 * &lt;p&gt;&lt;strong&gt;NOTE&lt;/strong&gt;: Inheritance of [@code @Conditional] annotations
 * is not supported; any conditions from superclasses or from overridden
 * methods will not be considered. In order to enforce these semantics,
 * [@code @Conditional] itself is not declared as
* { @link java.lang.annotation.Inherited @Inherited}; furthermore, any
* custom <em>composed annotation</em> that is meta-annotated with
* { @code @Conditional} must not be declared as { @code @Inherited}.
*
* @author Phillip Webb
* @author Sam Brannen
* @since 4.0
* @see Condition
*/

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* /opt/cola/permits/1135892678_1613626672.8/0/spring-context-5-2-10-release-sources-1-jar/org/springframework/jmx/export/SpringModelMBean.java
* /opt/cola/permits/1135892678_1613626672.8/0/spring-context-5-2-10-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
* /opt/cola/permits/1135892678_1613626672.8/0/spring-context-5-2-10-release-sources-1-jar/org/springframework/remoting/support/RemoteInvocationFactory.java

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* /opt/cola/permits/1135892678_1613626672.8/0/spring-context-5-2-10-release-sources-1-jar/org/springframework/context/annotation/EnableMBeanExport.java
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* /opt/cola/permits/1135892678_1613626672.8/0/spring-context-5-2-10-release-sources-1-jar/org/springframework/context/annotation/ScopeMetadata.java
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/**
* {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}
* reference through WebSphere's proprietary {@code AdminServiceFactory} API,
* available on WebSphere 5.1 and higher.
* *
* <p>Exposes the {@code MBeanServer} for bean references.
* *
* <p>This {@code FactoryBean} is a direct alternative to {@link MBeanServerFactoryBean},
* which uses standard JMX 1.2 API to access the platform's {@link MBeanServer}.
* *
* <p>See the javadocs for WebSphere's
* and
* *
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

Found in path(s):
* /opt/cola/permits/1135892678_1613626672.8/0/spring-context-5-2-10-release-sources-1-jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java

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1.633 arjuna 5.9.0.Final
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1.635 cxf-tools-wsdlto frontend-jaxws 3.2.5-jbossorg-1

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package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

    /**
     * Indicates that this permission has been allocated by default.
     * Authorization View handlers may use this property in order to restrict
     * the list of scopes which may be refused to non-default scopes only
     * @param isDefault
     */
    public void setDefault(boolean value) {
        this.isDefault = value;
    }
}
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package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
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 * own byte buffer or similar may be able to optimize the copy
 */

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 */
instead of using the read/write into a temporary buffer that
the normal IOUtils.copy method requires.

public interface CopyingOutputStream {
    int copyFrom(InputStream in) throws IOException;
}

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1.638 coards 1.0.5
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Metadata-Version: 1.0
Name: coards
Version: 1.0.5
Summary: A parser for COADS-compliant dates
Home-page: http://code.dealmeida.net/coards
Author: Roberto De Almeida
Author-email: roberto@dealmeida.net
License: MIT
Description: A COADS compliant time parser

This module is intended to help parse time values represented using the `COARDS convention`_. Here is a simple example:

.. code-block:: pycon

    >>> from coards import parse
    >>> a = [1, 2, 3]
    >>> units = 'days since 1998-03-01 12:00:00'
    >>> b = [parse(value, units) for value in a]
    >>> print b
    [datetime.datetime(1998, 3, 2, 12, 0), datetime.datetime(1998, 3, 3, 12, 0), datetime.datetime(1998, 3, 4, 12, 0)]

Credits
-------

- `Distribute`_
- `Buildout`_
- `modern-package-template`_

.. _Buildout: http://www.buildout.org/
.. _Distribute: http://pypi.python.org/pypi/distribute
.. _`modern-package-template`: http://pypi.python.org/pypi/modern-package-template

News
====

1.0.5
-----

*Release date: 20130604*

* Create converter object.

1.0.4
-----

*Release date: 20130520*

* Parse microseconds.

1.0.3.2
-----
*Release date: 20130218*

* Allow origin to be expressed only as HH.

1.0.3.1
------

*Release date: 20130214*

* Fix minor typo in code.

1.0.3
-----

*Release date: 20130214*

* Create parser/formatter objects to avoid repeated parsing.
  * Happy Valentine's!

1.0.2
-----

*Release date: 20120823*

* Fixed regexp that parses the origin.

1.0.1
-----

*Release date: 20120818*

* Parse RFC3339 dates.

1.0
---

*Release date: 20120529*

* Refactored code so that it works with more dates.
  * Using modern-package-template for directory structure.

Keywords: coards date parse udunits
Platform: UNKNOWN

Found in path(s):
  * /opt/cola/permits/1159252399_1620104469.74/0/coards-1-0-5-tar-gz/coards-1.0.5/src/coards.egg-info/PKG-INFO
  * /opt/cola/permits/1159252399_1620104469.74/0/coards-1-0-5-tar-gz/coards-1.0.5/PKG-INFO
1.639 wildfly-security-api 14.0.1.Final
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1.640 pcre 8.41
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The basic library functions are written in C and are freestanding. Also included in the distribution is a set of C++ wrapper functions, and a just-in-time compiler that can be used to optimize pattern matching. These are both optional features that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

----------------------

Written by: Philip Hazel
PCRE JUST-IN-TIME COMPILATION SUPPORT
-------------------------------------
Written by: Zoltan Herczeg
Email local part: hzmester
Email domain: freemail.hu

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1.641 gir1.2-gdkpixbuf-2.0 2.36.12 3.el7

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1.648 poi-ooxml-schemas 3.15

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1.649 jetty 8.1.7.v20120910

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server: MObject:RO:The server for this connector
requestHeaderSize: The size of a request header buffer
requestBufferSize: The size of a request content buffer
responseHeaderSize: The size of a response header buffer
responseBufferSize: The size of a response content buffer
integralPort: Port to use for integral redirections
integralScheme: Scheme to use for integral redirections
confidentialPort: Port to use for confidential redirections
confidentialScheme: Scheme to use for confidential redirections
host: Host name to accept connections on
port: TCP/IP port to accept connections on
maxIdleTime: Maximum time in ms that a connection can be idle before being closed
statsOn: True if statistics collection is turned on.
statsOnMs: Time in milliseconds stats have been collected for.
statsReset(): Reset statistics.
connections: Number of connections accepted by the server since statsReset() called. Undefined if setStatsOn(false).
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connectionsDurationTotal: Total duration in milliseconds of all open connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsMean: Mean number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsStdDev: Standard deviation of number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
connectionsRequestsMax: Maximum number of requests per connection since statsReset() called. Undefined if setStatsOn(false).
requests: Number of requests since statsReset() called. Undefined if setStatsOn(false).
open(): Open the listening port
close(): Close the listening port (but allow existing connections to continue for graceful shutdown)

Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2.jar/org/eclipse/jetty/server/jmx/Connector-mbean.properties
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/**
 * Utf8 Appendable abstract base class
 *
 * This abstract class wraps a standard {@link java.lang.Appendable} and provides methods to append UTF-8
 * encoded bytes, that are converted into characters.
 *
 * This class is stateful and up to 4 calls to {@link #append(byte)} may be needed before state a character is
 * appended to the string buffer.
 *
 * The UTF-8 decoding is done by this class and no additional buffers or Readers are used. The UTF-8 code was
 * inspired by
 * http://bjoern.hoehrmann.de/utf-8/decoder/dfa/
 *
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 /**

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jar/org/eclipse/jetty/util/Utf8Appendable.java
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* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/websocket/WebSocketParserD08.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/HandlerCollection.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/StringMap.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/log/Logger.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/http/EncodedHttpURI.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/ScopedHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/session/AbstractSession.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/session/SessionIdManager.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/MultiException.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/ShutdownHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/websocket/AbstractExtension.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/http/HttpFields.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/ByteArrayISO8859Writer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/io/Buffers.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/AttributesMap.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/jmx/AbstractHandlerMBean.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/io/ByteArrayEndPoint.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/Server.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/session/AbstractSession.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/DefaultSelector.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/jmx/AbstractHandlerMBean.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/ScopedHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/ShutdownHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/websocket/AbstractExtension.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/http/HttpFields.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/ByteArrayISO8859Writer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/jmx/AbstractHandlerMBean.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/ScopedHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/handler/ShutdownHandler.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/websocket/AbstractExtension.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/http/HttpFields.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/util/ByteArrayISO8859Writer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/security/CertificateValidator.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/Attributes.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/ajax/JSONObjectConvertor.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/preventers/DriverManagerLeakPreventer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/io/nio/DirectNIOBuffer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/log/Log.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/preventers/AbstractLeakPreventer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/io/nio/RandomAccessFileBuffer.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/url/UrlEncoded.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/io/UncheckedIOException.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/websocket/WebSocketFactory.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/websocket/FixedMaskGen.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/server/ServletRequestHttpWrapper.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/thread/QueuedThreadPool.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/server/session/HashedSession.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/server/nio/NIOConnector.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/continuation/ContinuationListener.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/websocket/WebSocketConnectionRFC6455.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/server/session/HashedSession.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/server/nio/NIOConnector.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/websocket/WebSocketParserD00.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/util/thread/QueuedThreadPool.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/io/BufferUtil.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/http/gzip/AbstractCompressedStream.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/websocket/WebSocketGeneratorD00.java
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-

jar/org/eclipse/jetty/websocket/WebSocketClientFactory.java
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/**
 * By default, we're confidential, given we speak SSL. But, if we've been told about an
 * confidential port, and said port is not our port, then we're not. This allows separation of
 * listeners providing INTEGRAL versus CONFIDENTIAL constraints, such as one SSL listener
 * configured to require client certs providing CONFIDENTIAL, whereas another SSL listener not
 * requiring client certs providing mere INTEGRAL constraints.
 */
/**
 * By default, we're integral, given we speak SSL. But, if we've been told about an integral
 * port, and said port is not our port, then we're not. This allows separation of listeners
 * providing INTEGRAL versus CONFIDENTIAL constraints, such as one SSL listener configured to
 * require client certs providing CONFIDENTIAL, whereas another SSL listener not requiring
 * client certs providing mere INTEGRAL constraints.
 */

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* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
  jar/org/eclipse/jetty/server/ssl/SslSocketConnector.java
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/**
 * @param c Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 *  2=DC_CONFIDENTIAL
 */
/**
 * @return Data constrain indicator: 0=DC+NONE, 1=DC_INTEGRAL &
 *  2=DC_CONFIDENTIAL
 */

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* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
  jar/org/eclipse/jetty/util/security/Constraint.java
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/*
 * @see org.eclipse.jetty.server.Connector#getConfidentialPort()
 */
/*
 * @see org.eclipse.jetty.server.Connector#getConfidentialScheme()
 */
/*
 * @see org.eclipse.jetty.server.Connector#isConfidential(org.eclipse.jetty.server .Request)
 */
/*
 * @see org.eclipse.jetty.server.Connector#isConfidential(org.eclipse.jetty.server.Request)
 */
/**
 * @param confidentialPort
 *            The confidentialPort to set.
 */
/**
 * @param confidentialScheme
 *            The confidentialScheme to set.
 */

Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/server/AbstractConnector.java
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/*
 * @(#)UnixCrypt.java	0.9 96/11/25
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/**
 * @return The port to use when redirecting a request if a data constraint of confidential is
 * required. See {link org.eclipse.jetty.util.security.Constraint#getDataConstraint()}
 */
/**
 * @return The schema to use when redirecting a request if a data constraint of confidential is
 * required. See {link org.eclipse.jetty.util.security.Constraint#getDataConstraint()}
 */
/**
 * @param request A request
 * @return true if the request is confidential. This normally means the https schema has been used.
 */

Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-
jar/org/eclipse/jetty/server/Connector.java
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AbstractConnector: Abstract implementation of the Connector interface.
acceptors: The number of acceptor threads.
acceptQueueSize: The size of the accept queue.
acceptorPriorityOffset: Priority offset of the acceptor threads. The priority is adjusted by this amount to either favor the acceptance of new threads and newly active connections or to favor the handling of already dispatched connections.
forwardedForHeader: The header name for forwarded for (default x-forwarded-for).
forwardedHostHeader: The header name for forwarded hosts (default x-forwarded-host)
forwardedServerHeader: The header name for forwarded server (default x-forwarded-server)
forwarded: Whether reverse proxy handling is on. True if this connector is checking the forwarded for/host/server headers.
host: Host name of the server.
hostHeader: Forced value for the host header. Only used if forwarded is true.
soLingerTime: Enable or disable SO_LINGER with the specified linger time in seconds.
reuseAddress: Whether the server socket will be opened in SO_REUSEADDR mode.
name: Name of the connector.
resolveNames: Whether or not to use DNS when handling forwards.
confidentialPort: Port to use for confidential redirections.
confidentialScheme: Scheme to use for confidential redirections.
integralPort: Port to use for integral redirections.
integralScheme: Scheme to use for integral redirections.
lowResourcesMaxIdleTime: The period in ms that a connection may be idle when the connector has low resources,
before it is closed.

Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/jmx/AbstractConnector-mbean.properties
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/**
 * By default, we're confidential, given we speak SSL. But, if we've been
 * told about an confidential port, and said port is not our port, then
 * we're not. This allows separation of listeners providing INTEGRAL versus
 * CONFIDENTIAL constraints, such as one SSL listener configured to require
 * client certs providing CONFIDENTIAL, whereas another SSL listener not
 * requiring client certs providing mere INTEGRAL constraints.
 */

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* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/ssl/SslSelectChannelConnector.java
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/**
* Find out if the request supports CONFIDENTIAL security.
* @param request the incoming HTTP request
* @return the result of calling \{@link Connector#isConfidential(Request)\}, or false
* if there is no connector
*/

Found in path(s):
* /opt/cola/permits/1001042990_1607107054.43/0/jetty-server-8-1-7-v20120910-sources-2-jar/org/eclipse/jetty/server/AbstractHttpConnection.java

---

1.650 expect 5.45 14.el7_1

1.650.1 Available under license:

Expect

Written by: Don Libes, libes at nist.gov, NIST

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1.651 woodstox-core-asl 4.1.4

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* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-jar/com/ctc/wstx/io/UTF32Reader.java
* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-jar/com/ctc/wstx/ent/EntityDecl.java
/* Woodstox XML processor
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* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1.jar/com/ctc/wstx/sw/SimpleOutputElement.java
* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1.jar/com/ctc/wstx/util/BijectiveNsMap.java
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* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-
  jar/com/ctc/wstx/sw/RepairingNsStreamWriter.java
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* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-
  jar/com/ctc/wstx/sw/WstxSAXParser.java
* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-
  jar/com/ctc/wstx/sw/WstxSAXParserFactory.java
* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-
  jar/com/ctc/wstx/sw/WstxSAXParserFactory.java
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* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-jar/com/ctc/wstx/dtd/StructValidator.java

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jar/com/ctc/wstx/dtd/DTDValidator.java
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* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-
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* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-
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* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-jar/com/ctc/wstx/sw/BaseNsStreamWriter.java

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* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-jar/com/ctc/wstx/sw/NonNsStreamWriter.java

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jar/com/ctc/wstx/dtd/DTDElement.java
* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-
jar/com/ctc/wstx/dtd/DTDSubset.java
* /opt/cola/permits/1136703947_1613864568.23/0/woodstox-core-asl-4-1-4-sources-1-
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## Julia

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PCG Random Number Generation for C.

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083

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Original algorithm for the implementation of \texttt{rk\_interval} function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the \texttt{rk\_double} implementation by Isaku Wada.

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1.660 latencyutils 2.0.3

1.661 python-paramiko 2.7.1

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1.665 poi-ooxml 3.9

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 */

/**
 * Creates a new \{GeneratorAdapter\}. \(<i>Subclasses must not use this
 * constructor</i></b>. Instead, they must use the
 * \{GeneratorAdapter(int, MethodVisitor, int, String, String)}
 * version.
 *
 * \@param mv
 * the method visitor to which this adapter delegates calls.
 * \@param access
 * the method's access flags (see \{Opcodes\}).
 * \@param name
 * the method's name.
 * \@param desc
 * the method's descriptor (see \{Type\}).
 */
* @throws IllegalStateException
*         If a subclass calls this constructor.
*/

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*/
/**
 * Constructs a new [link ClassNode]. <i>Subclasses must not use this</i> constructor.</br> Instead, they must use the [link ClassNode(int)]
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

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   jar/org/objectweb/asm/tree/ClassNode.java

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/*
/**
 * Constructs a new [@link Textifier]. <i>Subclasses must not use this constructor</i>. Instead, they must use the [@link #Textifier(int)] version.
 * @throws IllegalStateException
 *     If a subclass calls this constructor.
 */

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  jar/org/objectweb/asm/util/ASMifiable.java
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 */
/**
 * Creates a new [@link AnalyzerAdapter]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)]
 */
* @param owner
* the owner's class name.
* @param access
* the method's access flags (see [link Opcodes]).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see [link Type Type]).
* @param mv
* the method visitor to which this adapter delegates calls. May
* be <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 *    the <code>MethodVisitor</code> to send the resulting inlined
 *    method code to (use <code>null</code> for none).
 * @param access
 *    the method's access flags (see {@link Opcodes}). This
 *    parameter also indicates if the method is synthetic and/or
 *    deprecated.
 * @param name
 *    the method's name.
 * @param desc
 *    the method's descriptor (see {@link Type}).
 */
* @param signature
  * the method's signature. May be <tt>null</tt>.
* @param exceptions
  * the internal names of the method's exception classes (see
  * ( @link Type#getInternalName() getInternalName() ). May be
  * <tt>null</tt>.
* @throws IllegalStateException
  * If a subclass calls this constructor.
*/

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/**
* Constructs a new <i>LocalVariableAnnotationNode</i>. <i>Subclasses must
* not use this constructor</i>. Instead, they must use the
* <i>{ @link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}</i>

* version.
*
* @param typeRef
* a reference to the annotated type. See {@link TypeReference}.
* @param typePath
* the path to the annotated type argument, wildcard bound, array
* element type, or static inner type within 'typeRef'. May be
* <tt>null</tt> if the annotation targets 'typeRef' as a whole.
* @param start
* the fist instructions corresponding to the continuous ranges
* that make the scope of this local variable (inclusive).
* @param end
* the last instructions corresponding to the continuous ranges
* that make the scope of this local variable (exclusive). This
* array must have the same size as the 'start' array.
* @param index
* the local variable's index in each range. This array must have
* the same size as the 'start' array.
* @param desc
* the class descriptor of the annotation class.
*/

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jar/org/antlr/v4/runtime/dfa/SingletonEdgeMap.java
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jar/org/antlr/v4/runtime/dfa/SparseEdgeMap.java
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  "test/*.uts",
  "test/contrib/*.uts"
],
"remove_testfiles": [
  "test/linux.uts",
  "test/windows.uts",
  "test/contrib/cansocket_native.uts",
  "test/contrib/cansocket_python_can.uts"
],
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  "test/cert.uts": "load_layer("tls")",
  "test/sslv2.uts": "load_layer("tls")",
  "test/tls*.uts": "load_layer("tls")"
},
"format": "text",
"kw_ko": [
  "linux",
  "windows",
  "crypto_advanced",
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1.685 spring-boot-autoconfigure

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1.696 pytz 2018.5-2.ph3

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1.698 spring-security-web 4.1.1.RELEASE

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- jsp_2_2.xsd
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- web-common_3_0.xsd
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- javaee_7.xsd
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- javaee_web_services_client_1_4.xsd
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SNMP MIB parser

---------

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PySMI is a pure-Python implementation of

[SNMP SMI](https://en.wikipedia.org/wiki/Management_information_base) MIB parser.

This tool is designed to turn ASN.1 MIBs into various formats. As of this moment, JSON and [pysnmp](https://github.com/etingof/pysnmp) modules can be generated from ASN.1 MIBs.

Features
-----
* Understands SMIv1, SMIv2 and de-facto SMI dialects
* Turns MIBs into pysnmp classes and JSON documents
* Maintains an index of MIB objects over many MIB modules
* Automatically pulls ASN.1 MIBs from local directories, ZIP archives, HTTP and FTP servers
* 100% Python, works with Python 2.4 up to Python 3.6

Rendered PySMI documentation can be found at [pysmi site](http://pysmi.sf.net).

How to use PySMI
---------------

If you are using pysnmp, you might never notice pysmi presence - pysnmp calls pysmi for MIB download and compilation behind the scenes (you can still do that manually by invoking *mibdump.py* tool).

To turn ASN.1 MIB into a JSON document, call *mibdump.py* tool like this:

```
$ mibdump.py --generate-mib-texts --destination-format json IF-MIB
```

Source MIB repositories: file:///usr/share/snmp/mibs, http://mibs.snmplabs.com/asn1/@mib@

Borrow missing/failed MIBs from: http://mibs.snmplabs.com/json/fulltexts/@mib@

Existing/compiled MIB locations:

Compiled MIBs destination directory: .

MIBs excluded from code generation: RFC-1212, RFC-1215, RFC1065-SMI, RFC1155-SMI,
RFC1158-MIB, RFC1213-MIB, SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC, SNMPv2-TM

MIBs to compile: IF-MIB

Destination format: json

Parser grammar cache directory: not used

Also compile all relevant MIBs: yes

Rebuild MIBs regardless of age: yes

Do not create/update MIBs: no

Byte-compile Python modules: no (optimization level no)

Ignore compilation errors: no

Generate OId->MIB index: no

Generate texts in MIBs: yes

Keep original texts layout: no

Try various filenames while searching for MIB module: yes

Created/updated MIBs: IANAifType-MIB, IF-MIB, SNMPv2-MIB

Pre-compiled MIBs borrowed:

Up to date MIBs: SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC

Missing source MIBs:

Ignored MIBs:

Failed MIBs:

```
```

JSON document build from
[IF-MIB module](http://mibs.snmplabs.com/asn1/IF-MIB)

would hold information such as:

```json

{  
  "ifMIB": {  
    "name": "ifMIB",  
    "oid": "1.3.6.1.2.1.31",  
    "class": "moduleidentity",  
    "revisions": [  
      "2007-02-15 00:00",  
      "1996-02-28 21:55",  
      "1993-11-08 21:55"  
    ]  
  },  
  ...,  
  "ifTestId": {  
    "name": "ifTestId",  
    "oid": "1.3.6.1.2.1.31.1.3.1.1",  
    "nodetype": "column",  
    "class": "objecttype",  
    "syntax": {  
      "type": "TestAndIncr",  
      "class": "type"  
    },  
    "maxaccess": "read-write"  
  },  
  ...
  
}```
In general, converted MIBs capture all aspects of original (ASN.1) MIB contents and layout. The snippet above is just a partial example, but here is the complete [IF-MIB.json](http://mibs.snmplabs.com/json/fulltexts/IF-MIB.json) file.

Besides one-to-one MIB conversion, PySMI library can produce JSON index to facilitate fast MIB information lookup across large collection of MIB files. For example, JSON index for [IP-MIB.json](http://mibs.snmplabs.com/json/asn1/IP-MIB), [TCP-MIB.json](http://mibs.snmplabs.com/json/asn1/TCP-MIB) and [UDP-MIB.json](http://mibs.snmplabs.com/json/asn1/UDP-MIB) modules would keep information like this:

```json
{
    "compliance": {
        "1.3.6.1.2.1.48.2.1.1": ["IP-MIB"],
        "1.3.6.1.2.1.49.2.1.1": ["TCP-MIB"],
        "1.3.6.1.2.1.50.2.1.1": ["UDP-MIB"]
    },
    "identity": {
        "1.3.6.1.2.1.48": ["IP-MIB"],
        "1.3.6.1.2.1.49": ["TCP-MIB"],
        "1.3.6.1.2.1.50": ["UDP-MIB"]
    },
    "oids": {
        "1.3.6.1.2.1.4": ["IP-MIB"],
        "1.3.6.1.2.1.5": ["IP-MIB"],
        "1.3.6.1.2.1.6": ["TCP-MIB"]
    }
}
```
With this example, *compliance* and *identity* keys point to
*MODULE-COMPLIANCE* and *MODULE-IDENTITY* MIB objects, *oids*
list top-level OIDs branches defined in MIB modules. Full index
build over thousands of MIBs could be seen
[here](http://mibs.snmplabs.com/json/index.json).

The PySMI library can automatically fetch required MIBs from HTTP, FTP sites
or local directories. You could configure any MIB source available to you (including

How to get PySMI
----------------

The pysmi package is distributed under terms and conditions of 2-clause
BSD [license](http://pyasn1.sourceforge.net/license.html). Source code is freely
available as a GitHub [repo](https://github.com/etingof/pysmi).

You could `pip install pysmi` or download it from [PyPI](https://pypi.python.org/pypi/pysmi).

If something does not work as expected,
[open an issue](https://github.com/etingof/pysmi/issues) at GitHub or
post your question [on Stack Overflow](http://stackoverflow.com/questions/ask).

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* /opt/cola/permits/1128524688_1611944221.24/0/amigne-pysmi-v0-2-2-0-g5bbcf0f-tar-gz/amigne-pysmi-5bbcf0f/README.md
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SNMP SMI compiler

===================
The PySMI library and tools are designed to parse, verify and transform `SNMP SMI <https://en.wikipedia.org/wiki/Management_information_base>`_ MIB modules from their original ASN.1 form into JSON or `pysnmp <http://snmplabs.com/pysnmp/>`_ representation.

Documentation
-------------

Source code & Changelog
-----------------------

Project source code is hosted at `GitHub <https://github.com/etingof/pysmi>`_. Everyone is welcome to fork and contribute back!

We maintain the detailed :doc:`log of changes </changelog>` to our software.

Download & Install
-------------------

License
-------

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MIB files archive

The PySMI project maintains a `collection <http://mibs.snmplabs.com/asn1/>`_ of publicly available ASN.1 MIB files collected on the Internet. You are welcome to use this MIBs archive however we can't guarantee any degree of consistency or reliability when it comes to these MIB modules.

The *mibdump.py* tool as well as many other utilities based on PySMI are programmed to use this MIB repository for automatic download and dependency resolution.

You can always reconfigure PySMI to use some other remote MIB repository instead or in addition to this one.

Contact
-------

In case of questions or troubles using SNMP SMI library, please open up an `issue <https://github.com/etingof/pysmi/issues>`_ at GitHub or ask at `Stack Overflow <http://stackoverflow.com/questions/tagged/pysmi>`_.

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1.705 jersey-media-jaxb 2.27

1.706 websocket-client 9.3.9.v20160517

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* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/context/event/ContextClosedEvent.java
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* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/context/annotation/AnnotationConfigBeanDefinitionParser.java
* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/jmx/export/annotation/AnnotationMBeanExporter.java
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* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/remoting/RemoteInvocationTraceInterceptor.java
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/**
* [link FactoryBean] that obtains a WebSphere [link javax.management.MBeanServer]
* reference through WebSphere's proprietary [code AdminServiceFactory] API,
* available on WebSphere 5.1 and higher.
*
* <p>Exposes the [code MBeanServer] for bean references.
* This FactoryBean is a direct alternative to [link MBeanServerFactoryBean],
* which uses standard JMX 1.2 API to access the platform's MBeanServer.
*
* <p>See the javadocs for WebSphere's
*
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

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/**
 * Indicates that a component is only eligible for registration when all
 * [@linkplain #value specified conditions] match.
 *
 * A &lt;em&gt;condition&lt;/em&gt; is any state that can be determined programmatically
 * before the bean definition is due to be registered (see [@link Condition] for details).
 *
 * The [@code @Conditional] annotation may be used in any of the following ways:
 * &lt;ul&gt;
 * &lt;li&gt;as a type-level annotation on any class directly or indirectly annotated with
* [@code @Component], including [@link Configuration @Configuration] classes
* &lt;li&gt;as a meta-annotation, for the purpose of composing custom stereotype
* annotations&lt;/li&gt;
* &lt;li&gt;as a method-level annotation on any [@link Bean @Bean] method&lt;/li&gt;
* &lt;/ul&gt;

* &lt;p&gt;If a [@code @Configuration] class is marked with [@code @Conditional],
* all of the [@code @Bean] methods, [@link Import @Import] annotations, and
* [@link ComponentScan @ComponentScan] annotations associated with that
* class will be subject to the conditions.
* &lt;/p&gt;

* &lt;p&gt;&lt;strong&gt;NOTE&lt;/strong&gt;: Inheritance of [@code @Conditional] annotations
* is not supported; any conditions from superclasses or from overridden
* methods will not be considered. In order to enforce these semantics,
* [@code @Conditional] itself is not declared as
* [@link java.lang.annotation.Inherited @Inherited]; furthermore, any
* custom &lt;em&gt;composed annotation&lt;/em&gt; that is meta-annotated with
* [@code @Conditional] must not be declared as [@code @Inherited].
*
* @author Phillip Webb
* @author Sam Brannen
* @since 4.0
* @see Condition
*/

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  * /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/context/annotation/ConfigurationClassUtils.java
  * /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/scheduling/SchedulingTaskExecutor.java
  * /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/jmx/export/naming/KeyNamingStrategy.java
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  * /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/validation/SmartValidator.java
  * /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/instrument/classloading/weblogic/WebLogicClassLoaderAdapter.java
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  * /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperationInvocationContext.java
  * /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-
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<td>* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/context/validation/FieldError.java</td>
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<td>* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/context/annotation/AutoProxyRegistrar.java</td>
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<td>* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/remoting/rmi/RmiRegistryFactoryBean.java</td>
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<td>* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/context/support/PropertySourcesPlaceholderConfigurer.java</td>
</tr>
<tr>
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<td>* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/instrument/classloading/WeavingTransformer.java</td>
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</tr>
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<td>* /opt/cola/permits/1136663287_1613850459.06/0/spring-context-5-1-6-release-sources-1-jar/org/springframework/context/validation/BeanValidationPostProcessor.java</td>
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 * Abstract the invocation of a cache operation.
 */
* Does not provide a way to transmit checked exceptions but
* provide a special exception that should be used to wrap any
* exception that was thrown by the underlying invocation.
* Callers are expected to handle this issue type specifically.
*
* @author Stephane Nicoll
* @since 4.1
*/

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1.711 pkix-ssh 10.1

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1.713 gstreamer 0.10.30.1

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  jar/io/netty/resolver/AbstractAddressResolver.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/NotImplMethodGenerator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/ToNativeOp.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/converters/EnumSetConverter.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/LocalVariableAllocator.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/types/dev_t.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/jffi/platform/mips/linux/TypeAliases.java
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* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/provider/FromNativeType.java
* /opt/cola/permits/1257210837_1642789626.36/0/jnr-ffi-2-1-10-sources-jar/jnr/ffi/mapper/SimpleFunctionMapper.java
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1.737 elfutils 0.176 2.el7

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 * 
 * */
package org.apache.commons.httpclient;

import java.io.FilterInputStream;
import java.io.IOException;
import java.io.InputStream;

/**
 * Closes an underlying stream as soon as the end of the stream is reached, and
 * notifies a client when it has done so.
 *
 * @author Ortwin Glueck
 * @author Eric Johnson
 * @author <a href="mailto:mbowler@GargoyleSoftware.com">Mike Bowler</a>
 * @since 2.0
 */
class AutoCloseInputStream extends FilterInputStream {

    /**
     * True if this stream is open. Assume that the underlying stream
     * is open until we get an EOF indication.
     */
    private boolean streamOpen = true;

    /** True if the stream closed itself. */
    private boolean selfClosed = false;

    /**
     * The watcher is notified when the contents of the stream have
     * been exhausted
     */
    private ResponseConsumedWatcher watcher = null;

    /**
     * Create a new auto closing stream for the provided connection
     * @param in the input stream to read from
     * @param watcher To be notified when the contents of the stream have been consumed.
     */
    public AutoCloseInputStream(
            final InputStream in, final ResponseConsumedWatcher watcher) {
        super(in);
        this.watcher = watcher;
    }

    /**
     * Reads the next byte of data from the input stream.
     * @return the next byte of data, or -1 if there is no more data.
     */
    @Override
    public byte read() throws IOException {
        while (!streamOpen) {
            // Notify the watcher when the stream is exhausted
            watcher.notConsumed();
            if (selfClosed) {
                return -1;
            }
            // Block until the stream is opened
            while (streamOpen == false) {
                this.wait();
            }
            // Open the stream
            streamOpen = true;
        }
        return super.read();
    }
}
public int read() throws IOException {
    int l = -1;

    if (isReadAllowed()) {
        // underlying stream not closed, go ahead and read.
        l = super.read();
        checkClose(l);
    }

    return l;
}

/**
 * Reads up to <code>len</code> bytes of data from the stream.
 *
 * @param b a <code>byte</code> array to read data into
 * @param off an offset within the array to store data
 * @param len the maximum number of bytes to read
 * @return the number of bytes read or -1 for EOF
 * @throws IOException if there are errors reading
 */
public int read(byte[] b, int off, int len) throws IOException {
    int l = -1;

    if (isReadAllowed()) {
        l = super.read(b, off, len);
        checkClose(l);
    }

    return l;
}

/**
 * Reads some number of bytes from the input stream and stores them into the
 * buffer array b.
 *
 * @param b a <code>byte</code> array to read data into
 * @return the number of bytes read or -1 for EOF
 * @throws IOException if there are errors reading
 */
public int read(byte[] b) throws IOException {
    int l = -1;

    if (isReadAllowed()) {
        l = super.read(b, 0, b.length);
        checkClose(l);
    }

    return l;
}
```java
l = super.read(b);
checkClose(l);
}
return l;
}
/**
 * Close the stream, and also close the underlying stream if it is not
 * already closed.
 * @throws IOException If an IO problem occurs.
 */
public void close() throws IOException {
if (!selfClosed) {
    selfClosed = true;
    notifyWatcher();
}
}
/**
 * Close the underlying stream should the end of the stream arrive.
 *
 * @param readResult The result of the read operation to check.
 * @throws IOException If an IO problem occurs.
 */
private void checkClose(int readResult) throws IOException {
if (readResult == -1) {
    notifyWatcher();
}
}
/**
 * See whether a read of the underlying stream should be allowed, and if
 * not, check to see whether our stream has already been closed!
 *
 * @return <code>true</code> if it is still OK to read from the stream.
 * @throws IOException If an IO problem occurs.
 */
private boolean isReadAllowed() throws IOException {
if (!streamOpen && selfClosed) {
    throw new IOException("Attempted read on closed stream.");
}
return streamOpen;
}
/**
 * Notify the watcher that the contents have been consumed.
 * @throws IOException If an IO problem occurs.
 */
```
private void notifyWatcher() throws IOException {
    if (streamOpen) {
        super.close();
        streamOpen = false;

        if (watcher != null) {
            watcher.responseConsumed();
        }
    }
}

---

### 1.739 zlib 1.2.7 18.el7

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### 1.740 cxf-rt-ws-mex 3.2.5-jbossorg-1

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  size: 8.5in 11.0in;
  margin: 0.25in 0.5in 0.25in 0.5in;
  tab-interval: 0.5in;
}

p {
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  margin-top: 0.5em;
  margin-bottom: 0.5em;
}

p.list {
  margin-left: 0.5in;
  margin-top: 0.05em;
  margin-bottom: 0.05em;
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 */
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
        
    }
}
public Permission(String permission, String description) {
    this.description = description;
    this.permission = permission;
}

public String getDescription() {
    return description;
}

public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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import java.io.IOException;
import java.io.InputStream;
/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {
    int copyFrom(InputStream in) throws IOException;
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* Indicates that a component is only eligible for registration when all
* [@linkplain #value specified conditions] match.
* <p>A <em>condition</em> is any state that can be determined programatically
* before the bean definition is due to be registered (see [@link Condition] for details).
* <ul>
* <li>The [@code @Conditional] annotation may be used in any of the following ways:
* <ul>
* <li>as a type-level annotation on any class directly or indirectly annotated with
* [@code @Component], including [@link Configuration @Configuration] classes</li>
* <li>as a meta-annotation, for the purpose of composing custom stereotype
* annotations</li>
* </ul>
* <li>as a method-level annotation on any {@link Bean @Bean} method</li>
* </ul>
*
* <p>If a {@code @Configuration} class is marked with {@code @Conditional},
* all of the {@code @Bean} methods, {@link Import @Import} annotations, and
* {@link ComponentScan @ComponentScan} annotations associated with that
* class will be subject to the conditions.
* *
* <p><strong>NOTE</strong>: Inheritance of {@code @Conditional} annotations
* is not supported; any conditions from superclasses or from overridden
* methods will not be considered. In order to enforce these semantics,
* {@code @Conditional} itself is not declared as
* [@link java.lang.annotation.Inherited @Inherited]; furthermore, any
* custom <em>composed annotation</em> that is meta-annotated with
* {@code @Conditional} must not be declared as {@code @Inherited}.
* *
* @author Phillip Webb
* @author Sam Brannen
* @since 4.0
* @see Condition
*/

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* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
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* Abstract the invocation of a cache operation.
* *
* <p>Does not provide a way to transmit checked exceptions but
* provide a special exception that should be used to wrap any
* exception that was thrown by the underlying invocation.
* Callers are expected to handle this issue type specifically.
* 
* @author Stephane Nicoll
* @since 4.1
*/

Found in path(s):
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-jar/org/springframework/cache/interceptor/CacheOperationInvoker.java

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 */
jar/org/springframework/scripting/support/StandardScriptEvalException.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-jar/org/springframework/jmx/export/annotation/ManagedOperationParameter.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-jar/org/springframework/context/annotation/ImportResource.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-jar/org/springframework/context/annotation/ImportResource.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-jar/org/springframework/jmx/export/metadata/ManagedOperation.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-jar/org/springframework/jmx/export/metadata/ManagedOperation.java
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  jar/org/springframework/context/annotation/PropertySources.java
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  jar/org/springframework/cache/CacheManager.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
  jar/org/springframework/context/ApplicationContext.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
  jar/org/springframework/context/annotation/AnnotationFormatterFactory.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
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  jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java
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  jar/org/springframework/cache/interceptor/BasicOperation.java
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  jar/org/springframework/context/annotation/AnnotationConfigRegistry.java
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  jar/org/springframework/scheduling/annotation/AsyncConfigurerSupport.java
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/**
* {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}
* reference through WebSphere's proprietary {@code AdminServiceFactory} API,
* available on WebSphere 5.1 and higher.
* <p>Exposes the {@code MBeanServer} for bean references.
* This FactoryBean is a direct alternative to {@link MBeanServerFactoryBean},
* which uses standard JMX 1.2 API to access the platform's MBeanServer.
* <p>See the javadocs for WebSphere's
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/

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  jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
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  jar/org/springframework/remoting/support/RemoteInvocationFactory.java
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  jar/org/springframework/jmx/export/SpringModelMBean.java
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* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1.jar/org/springframework/validation/beanvalidation/MethodValidationPostProcessor.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1.jar/org/springframework/format/datetime/standard/Jsr310DateTimeFormatAnnotationFormatterFactory.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1.jar/org/springframework/context/i18n/SimpleTimeZoneAwareLocaleContext.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1.jar/org/springframework/remoting/support/RemoteExporter.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1.jar/org/springframework/context/support/StaticApplicationContext.java
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jar/org/springframework/context/EnvironmentAware.java
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jar/org/springframework/context/annotation/ParserStrategyUtils.java
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* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1.jar/validation/beanvalidation/OptionalValidatorFactoryBean.java
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* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
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* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
jar/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
jar/org/springframework/scheduling/annotation/AsyncResult.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
jar/org/springframework/scheduling/annotation/AsyncAnnotationBeanPostProcessor.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
jar/org/springframework/context/support/FileSystemXmlApplicationContext.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
jar/org/springframework/format/annotation/DateTimeFormat.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-
jar/org/springframework/context/LifecycleProcessor.java

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* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-jar/org/springframework/context/annotation/ConflictingBeanDefinitionException.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1-jar/org/springframework/jmx/export/notification/NotificationPublisherAware.java
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* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1.jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java
* /opt/cola/permits/1148131349_1638235334.83/0/spring-context-5-1-4-release-sources-1.jar/org/springframework/instrument/classloading/weblogic/WebLogicLoadTimeWeaver.java

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  jar/org/springframework/ui/ModelMapExtensions.kt
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  jar/org/springframework/ui/ModelExtensions.kt

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1.753 jboss-transaction-api 1.0.1.Final

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  jar/io/netty/handler/ssl/PemX509Certificate.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/DelegatingSslContext.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
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  jar/io/netty/handler/ssl/util/SelfSignedCertificate.java
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  jar/io/netty/handler/traffic/AbstractTrafficShapingHandler.java
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  jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/SslContextBuilder.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ClientAuth.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
  jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
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  jar/io/netty/handler/stream/ChunkedStream.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/NotSslRecordException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/timeout/WriteTimeoutException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/stream/ChunkedNioFile.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/stream/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/logging/LoggingHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/timeout/IdleState.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/timeout/TimeoutException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/timeout/ReadTimeoutException.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/SslHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/stream/ChunkedInput.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/timeout/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/logging/LogLevel.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/stream/ChunkedFile.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/stream/ChunkedNioStream.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/logging/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/timeout/IdleStateEvent.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/ssl/util/package-info.java
* /opt/cola/permits/1110676046_1606843831.59/0/netty-handler-4-1-32-final-sources-2-
jar/io/netty/handler/stream/ChunkedWriteHandler.java

1.761 wildfly-clustering-jgroups-extension
14.0.1.Final
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1.762 lua 5.1.4 15.el7

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1.763 spring-web 5.1.9.RELEASE

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jar/org/springframework/web/multipart/MultipartHttpServletRequest.java

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# MIME type (lowercased)Extensions
# ============================================
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-insetez
# application/applefile
application/applixwareaw
# application/atf
# application/atfx
application/atfxml
application/atom+xml
application/atmcat+xml
# application/atomdeleted+xml
# application/atomicmail
application/atomsvc+xml
# application/atxml
# application/auth-policy+xml
# application/bacnet-xdd+xml
# application/batch-smtp
# application/beep+xml
# application/calendar+json
# application/calendar+xml
# application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
application/ccxml+xml
# application/cdf+xml
application/cdfxml+xml
application/cdmi-capability
application/cdmi-container
application/cdmi-domain
application/cdmi-object
application/cdmi-queue
# application/cdni
# application/cea
# application/vnd.dvb.ipdcesgaccess
# application/vnd.dvb.ipdcesgaccess2
# application/vnd.dvb.ipdcesgpdd
# application/vnd.dvb.ipdcreomming
# application/vnd.dvb.ipv.alfec-base
# application/vnd.dvb.ipv.alfec-enhancement
# application/vnd.dvb.notif-aggregate-root+xml
# application/vnd.dvb.notif-container+xml
# application/vnd.dvb.notif-generic+xml
# application/vnd.dvb.notif-ia-msglist+xml
# application/vnd.dvb.notif-ia-registration-request+xml
# application/vnd.dvb.notif-ia-registration-response+xml
# application/vnd.dvb.notif-init+xml
# application/vnd.dvb.pfr
application/vnd.dvb.servicesvc
capplication/vnd.dvb.dvr
application/vnd.dynageo
# application/vnd.dvb.dzr
# application/vnd.easykaraoke.cdgdownload
# application/vnd.ecdis-update
application/vnd.ecowin.chartmag
# application/vnd.ecowin.filerequest
# application/vnd.ecowin.fileupdate
# application/vnd.ecowin.series
# application/vnd.ecowin.seriesrequest
# application/vnd.ecowin.seriesupdate
# application/vnd.emclient.accessrequest+xml
application/vnd.enlivenxml
# application/vnd.enphase.envoy
# application/vnd.epke.data+xml
application/vnd.epson.esf
application/vnd.epson.msf
application/vnd.epson.quickanimeqam
application/vnd.epson.saltslt
application/vnd.epson.ssfssf
# application/vnd.ericsson.quickcall
application/vnd.eszigno3+xml
# application/vnd.etsi.aoc+xml
# application/vnd.etsi.asic-e+zip
# application/vnd.etsi.asic-s+zip
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# application/vnd.etsi.iptvdiscovery+xml
# application/vnd.etsi.iptvprofile+xml
# application/vnd.etsi.iptvsad-bc+xml
# application/vnd.etsi.iptvsad-cod+xml
# application/vnd.etsi.iptvsad-npvr+xml
# application/vnd.etsi.iptvservice+xml
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# application/x-font-libgrx
application/x-font-linux-psf
application/x-font-otf
application/x-font-pcf
application/x-font-snf
# application/x-font-speedo
# application/x-font-sunos-news
application/x-font-ttf
ttf
application/x-font-type1
pfa
pfb
pfm
afm
# application/x-font-vfont
application/x-freearc
arc
application/x-futuresplash
spl
application/x-gca-compressed
gca
application/x-glulx
application/x-gnumeric
gnumeric
application/x-gramps-xml
gramps
application/x-gtar
gtar
application/x-hdf
hdf
application/x-install-instructions
install
application/x-iso9660-image
iso
application/x-java-jnlp-file
jnlp
application/x-latex
latex
application/x-lzh-compressed
lzh
lha
application/x-miemie
application/x-mobipocket-ebook
prc
mobi
application/x-ms-application
application
application/x-ms-shortcut
lnk
application/x-ms-wmd
wmd
application/x-ms-wmz
wmz
application/x-xbap
xbap
application/x-msschedule
scd
application/x-msterminal
trm
application/x-mswrite
wri
application/x-netcdf
nc
cdf
application/x-nzb
nzb
application/x-pkcs12
p12
pfx
application/x-pkcs7-certificates
spc
application/x-pkcs7-certreqresp

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application/xop+xml
application/xproc+xml
application/xslt+xml
application/xspf+xml
application/xv+xml
application/yang
application/yin+xml
application/zip
application/zlib
application/1d-interleaved-parityfec
application/3gdpcm
application/3gpp
application/3gpp2
application/ac3
audio/adpcm
audio/amr
audio/amr-wb
audio/amr-wb+
audio/aptx
audio/asc
audio/atrac-advanced-lossless
audio/atrac-x
audio/atrac3
audio/basicau
audio/bv16
audio/bv32
audio/clearmode
audio/cn
audio/dat12
audio/dls
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audio/dsr-es202050
audio/dsr-es202211
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# audio/g7291
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# audio/g729e
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# audio/gsm-hr-08
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# audio/ip-mr_y2.5
# audio/isac
# audio/l16
# audio/l20
# audio/l24
# audio/l8
# audio/lpc
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# audio/mobile-xmf
audio/mp4m4a mp4a
# audio/mp4a-latm
# audio/ampa
# audio/ampa-robust
audio/mpegmpga mp2 mp2a mp3 m2a m3a
# audio/mpeg4-generic
# audio/musepack
audio/oggoga ogg spx
# audio/opus
# audio/parityfec
# audio/pcm
# audio/pcm-wb
# audio/pcm-wb
# audio/prs.sid
video/oggogv
# video/parityfec
# video/pointer
video/quicktimeqt mov
# video/raptorfec
# video/raw
# video/rtpproc
# video/smpte292m
# video/ulpfec
# video/vc1
# video/vnd.cctv
video/vnd.dece.hd uvh uvvh
video/vnd.dece.mobile uvvm
# video/vnd.dece.mp4
video/vnd.dece.pduvp uvp
video/vnd.dece.sdv s uvs
video/vnd.dece.videouuv uvv
# video/vnd.directv.mpeg
# video/vnd.directv.mpeg-tts
# video/vnd.dlna.mpeg-tts
video/vnd.dvb.file dvb
video/vnd.fvtxt ftv
# video/vnd.hns.video
# video/vnd.iptvforum.1dparityfec-1010
# video/vnd.iptvforum.1dparityfec-2005
# video/vnd.iptvforum.2dparityfec-1010
# video/vnd.iptvforum.2dparityfec-2005
# video/vnd.iptvforum.tsavc
# video/vnd.iptvforum.tsavc
# video/vnd.iptvforum.tsavc
# video/vnd.iptvforum.tsavc
video/vnd.motorola.video
# video/vnd.motorola.videop
video/vnd.mpegurlm4u m4u
video/vnd.ms-playready.media.pyvpyv
# video/vnd.nokia.interleaved-multimedia
# video/vnd.nokia.video
# video/vnd.objectvideo
# video/vnd.radgametools.bink
# video/vnd.radgametools.smacker
# video/vnd.sealed.mpeg1
# video/vnd.sealed.mpeg4
# video/vnd.sealed.swf
# video/vnd.sealedmedia.simple media
video/vnd.uvu.mp4 uvu uvu
video/vnd.uvuv
# video/vp8
video/webm
video/x-f4v
video/x-flifli
video/x-flvf1v
video/x-m4vm4v
video/x-matroskamkv
video/x-mng
video/x-ms-asf
video/x-ms-vob
video/x-ms-wmwm
video/x-ms-wmv
video/x-ms-wmx
video/x-ms-wvx
video/x-msvideo
video/x-sgi-movie
video/x-smv
x-conference/x-cooltalkice

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 jar/org/springframework/http/mime.types
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/**
 * Return the web session for the current request. Always guaranteed to
 * return an instance either matching to the session id requested by the
 * client, or with a new session id either because the client did not
 * specify one or because the underlying session had expired. Use of this
 * method does not automatically create a session. See {@link WebSession}
 * for more details.
 */

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* /opt/ws_local/PERMITS_SQL/1069262473_1594595051.62/0/spring-web-5-1-9-release-sources-
  jar/org/springframework/web/bind/MissingServletRequestParameterException.java
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* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/stream/package-info.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/stream/package-info.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/stream/package-info.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/stream/package-info.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/stream/package-info.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/logging/LogLevel.java

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* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/traffic/TrafficCounter.java
* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
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* /opt/ws_local/PERMITS_SQL/1068272003_1594337999.69/0/netty-handler-4-1-45-final-sources-1-jar/io/netty/handler/ssl/DurationBasedCipher.java
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Tests included here are based on build output generated by the six-speed benchmark suite.

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Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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* /opt/cola/permits/1135892722_1613627041.37/0/spring-aop-5-2-10-release-sources-1-
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#define UV_BSD_H

#define UV_PLATFORM_FS_EVENT_FIELDS
uv__io_t event_watcher;

#define UV_IO_PRIVATE_PLATFORM_FIELDS
int rcount;
int wcount;

#define UV_HAVE_KQUEUE 1

#endif /* UV_BSD_H */

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1.780 webswing-app-toolkit-java8 2.5-SNAPSHOT

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1.785 xdg-desktop-portal 1.0.2 1.el7

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 */

#ifndef __FLATPAK_PERMISSION_STORE_H__
#define __FLATPAK_PERMISSION_STORE_H__

void xdg_permission_store_start (GDBusConnection *connection);

#endif /* __FLATPAK_PERMISSION_STORE_H__ */
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 */

package io.swagger.annotations;

import java.lang.annotation.ElementType;
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
 * License metadata available within the info section of a Swagger definition, see
 * https://github.com/OAI/OpenAPI-Specification/blob/master/versions/2.0.md#licenseObject
 * @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

/**
 * The name of the license.
 * 
 * @return the name of the license
 */
String name();

/**
 * An optional URL for the license.
 * 
 * @return an optional URL for the license.
 */
String url() default "";

1.793 jackson-annotations 2.9.0
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* /opt/cola/permits/1110676238_1606843959.02/0/hornetq-commons-2-4-7-final-sources-1-
jar/org/hornetq/utils/ByteUtil.java

* /opt/cola/permits/1110676238_1606843959.02/0/hornetq-commons-2-4-7-final-sources-1-
jar/org/hornetq/api/core/HornetQInvalidFilterExpressionException.java

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/**
 * <p>Encodes and decodes to and from Base64 notation.</p>
 * <p>Homepage: <a href="http://iharder.net/base64">http://iharder.net/base64</a>.</p>
 * <p>The <tt>options</tt> parameter, which appears in a few places, is used to pass
 * several pieces of information to the encoder. In the "higher level" methods such as
 * encodeBytes( bytes, options ) the options parameter can be used to indicate such
 * things as first gzipping the bytes before encoding them, not inserting linefeeds
 * (though that breaks strict Base64 compatibility), and encoding using the URL-safe
 * and Ordered dialects.</p>
 * <p>The constants defined in Base64 can be OR-ed together to combine options, so you
 * might make a call like this:</p>
 * <p>
 * <code>String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DONT_BREAK_LINES
 * );</code></p>
 * </p>
 * <p>to compress the data before encoding it and then making the output have no newline characters.</p>
 * <p>
 * Change Log:
 * <p>
 * <ul>
 * <li>v2.2.2 - Fixed encodeFileToFile and decodeFileToFile to use the
 * Base64.InputStream class to encode and decode on the fly which uses
 * less memory than encoding/decoding an entire file into memory before writing.</li>
 * <li>v2.2.1 - Fixed bug using URL_SAFE and ORDERED encodings. Fixed bug
 * when using very small files (~&lt; 40 bytes).</li>
 * <li>v2.2 - Added some helper methods for encoding/decoding directly from
 * one file to the next. Also added a main() method to support command line
 * encoding/decoding from one file to the next. Also added these Base64 dialects:
 * </ul>
 * <ul>
 * <li>The default is RFC3548 format.</li>
 * <li>Calling Base64.setFormat(Base64.BASE64_FORMAT.URLSAFE_FORMAT) generates

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* URL and file name friendly format as described in Section 4 of RFC3548.
* http://www.faqs.org/rfcs/rfc3548.html
* Calling Base64.setFormat(Base64.BASE64_FORMAT.ORDERED_FORMAT) generates
* URL and file name friendly format that preserves lexical ordering as described
* in http://www.faqs.org/qa/rfc-1940.html
* Special thanks to Jim Kellerman at http://www.powerset.com/ for contributing the new Base64 dialects.
* for contributing the new Base64 dialects.
* v2.1 - Cleaned up javadoc comments and unused variables and methods. Added
* some convenience methods for reading and writing to and from files.
* v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems
* with other encodings (like EBCDIC).
* v2.0.1 - Fixed an error when decoding a single byte, that is, when the
* encoded data was a single byte.
* v2.0 - I got rid of methods that used booleans to set options.
* Now everything is more consolidated and cleaner. The code now detects
* when data that's being decoded is gzip-compressed and will decompress it
* automatically. Generally things are cleaner. You'll probably have to
* change some method calls that you were making to support the new
* options format (<tt>int</tt>s that you "OR" together).
* v1.5.1 - Fixed bug when decompressing and decoding to a
* byte[] using <tt>decode( String s, boolean gzipCompressed )</tt>. Added
* the ability to "suspend" encoding in the Output Stream so
* you can turn on and off the encoding if you need to embed base64
* data in an otherwise "normal" stream (like an XML file).
* v1.5 - Output stream passes on flush() command but doesn't do anything itself.
* This helps when using GZIP streams.
* Added the ability to GZip-compress objects before encoding them.
* v1.4 - Added helper methods to read/write files.
* v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
* v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream
* where last buffer being read, if not completely full, was not returned.
* v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
* v1.3.3 - Fixed I/O streams which were totally messed up.
* v2.2.2

*p*

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Please visit http://iharder.net/base64 periodically to check for updates or to contribute improvements.

@author Robert Harder
@version 2.2.2
Found in path(s):
* /opt/cola/permits/1110676238_1606843959.02/0/hornetq-commons-2-4-7-final-sources-1-jar/org/hornetq/utils/Base64.java
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* /opt/cola/permits/1110676238_1606843959.02/0/hornetq-commons-2-4-7-final-sources-1-jar/org/hornetq/utils/UUIDGenerator.java
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1.796 commons-codec 1.6

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SNMP SMI compiler
=================
The PySMI library and tools are designed to parse, verify and transform `SNMP SMI <https://en.wikipedia.org/wiki/Management_information_base>`_ MIB modules from their original ASN.1 form into JSON or `pysnmp <http://snmplabs.com/pysnmp/>`_ representation.

Documentation
-------------

Source code & Changelog
-----------------------

Project source code is hosted at `GitHub <https://github.com/etingof/pysmi>`_. Everyone is welcome to fork and contribute back!

We maintain the detailed :doc:`log of changes </changelog>` to our software.

License
-------

The SNMP SMI library software is distributed under 2-clause BSD License.
The PySMI project maintains a collection of publicly available ASN.1 MIB files collected on the Internet. You are welcome to use this MIBs archive however we can't guarantee any degree of consistency or reliability when it comes to these MIB modules.

The *mibdump.py* tool as well as many other utilities based on PySMI are programmed to use this MIB repository for automatic download and dependency resolution.

You can always reconfigure PySMI to use some other remote MIB repository instead or in addition to this one.

Contact
-------

In case of questions or troubles using SNMP SMI library, please open up an issue at GitHub or ask at Stack Overflow.

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SNMP MIB parser
----------------

PySMI is a pure-Python implementation of [SNMP SMI](https://en.wikipedia.org/wiki/Management_information_base) MIB parser. This tool is designed to turn ASN.1 MIBs into various formats. As of this moment, JSON and [pysnmp](https://github.com/etingof/pysnmp) modules can be generated from ASN.1 MIBs.

Features
--------
* Understands SMIv1, SMIv2 and de-facto SMI dialects
* Turns MIBs into pysnmp classes and JSON documents
* Maintains an index of MIB objects over many MIB modules
* Automatically pulls ASN.1 MIBs from local directories, ZIP archives, HTTP and FTP servers
* 100% Python, works with Python 2.4 up to Python 3.7

Rendered PySMI documentation can be found at [pysmi site](http://snmplabs.com/pysmi).

How to use PySMI
----------------

If you are using pysnmp, you might never notice pysmi presence - pysnmp calls pysmi for MIB download and compilation behind the scenes (you can still can do that manually by invoking *mibdump.py* tool).

To turn ASN.1 MIB into a JSON document, call *mibdump.py* tool like this:

```bash
$ mibdump.py --generate-mib-texts --destination-format json IF-MIB
```

Source MIB repositories: file:///usr/share/snmp/mibs, http://mibs.snmplabs.com/asn1/@mib@

Borrow missing/failed MIBs from: http://mibs.snmplabs.com/json/fulltexts/@mib@

Existing/compiled MIB locations:
  Compiled MIBs destination directory: .
  MIBs excluded from code generation: RFC-1212, RFC-1215, RFC1065-SMI, RFC1155-SMI, RFC1158-MIB, RFC1213-MIB, SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC, SNMPv2-TM
  MIBs to compile: IF-MIB
  Destination format: json
  Parser grammar cache directory: not used
  Also compile all relevant MIBs: yes
  Rebuild MIBs regardless of age: yes
  Do not create/update MIBs: no
  Byte-compile Python modules: no (optimization level no)
  Ignore compilation errors: no
  Generate OID->MIB index: no
  Generate texts in MIBs: yes
  Keep original texts layout: no
  Try various filenames while searching for MIB module: yes

Created/updated MIBs: IANAifType-MIB, IF-MIB, SNMPv2-MIB
Pre-compiled MIBs borrowed:
Up to date MIBs: SNMPv2-CONF, SNMPv2-SMI, SNMPv2-TC
Missing source MIBs:
Ignored MIBs:
Failed MIBs:

```bash
```

JSON document build from
  [IF-MIB module](http://mibs.snmplabs.com/asn1/IF-MIB)
would hold information such as:

```json
...
{
  "ifMIB": {
    "name": "ifMIB",
    "oid": "1.3.6.1.2.1.31",
    "class": "moduleidentity",
    "revisions": [
      "2007-02-15 00:00",
      "1996-02-28 21:55",
      "1993-11-08 21:55"
    ]
  },
}
...
"ifTestId": {
  "name": "ifTestId",
  "oid": "1.3.6.1.2.1.31.1.3.1",
  "nodetype": "row",
  "class": "objecttype",
  "maxaccess": "not-accessible",
  "augmention": {
    "name": "ifTestId",
    "module": "IF-MIB",
    "object": "ifEntry"
  }
},
...
}```
In general, converted MIBs capture all aspects of original (ASN.1) MIB contents and layout. The snippet above is just a partial example, but here is the complete [IF-MIB.json](http://mibs.snmplabs.com/json/fulltexts/IF-MIB.json) file.

Besides one-to-one MIB conversion, PySMI library can produce JSON index to facilitate fast MIB information lookup across large collection of MIB files. For example, JSON index for [IP-MIB.json](http://mibs.snmplabs.com/json/asn1/IP-MIB), [TCP-MIB.json](http://mibs.snmplabs.com/json/asn1/TCP-MIB) and [UDP-MIB.json](http://mibs.snmplabs.com/json/asn1/UDP-MIB) modules would keep information like this:

```json
{
    "compliance": {
        "1.3.6.1.2.1.48.2.1.1": ["IP-MIB"],
        "1.3.6.1.2.1.49.2.1.1": ["TCP-MIB"],
        "1.3.6.1.2.1.50.2.1.1": ["UDP-MIB"]
    },
    "identity": {
        "1.3.6.1.2.1.48": ["IP-MIB"],
        "1.3.6.1.2.1.49": ["TCP-MIB"],
        "1.3.6.1.2.1.50": ["UDP-MIB"]
    },
    "oids": {
        "1.3.6.1.2.1.4": ["IP-MIB"],
        "1.3.6.1.2.1.5": ["IP-MIB"],
        "1.3.6.1.2.1.6": ["TCP-MIB"],
        "1.3.6.1.2.1.7": ["UDP-MIB"]
    }
}
```
With this example, *compliance* and *identity* keys point to *MODULE-COMPLIANCE* and *MODULE-IDENTITY* MIB objects, *oids* list top-level OIDs branches defined in MIB modules. Full index build over thousands of MIBs could be seen [here](http://mibs.snmplabs.com/json/index.json).

The PySMI library can automatically fetch required MIBs from HTTP, FTP sites or local directories. You could configure any MIB source available to you (including [http://mibs.snmplabs.com/asn1/](http://mibs.snmplabs.com/asn1/)) for that purpose.

How to get PySMI
----------------

The pysmi package is distributed under terms and conditions of 2-clause BSD license[http://snmplabs.com/pysmi/license.html]. Source code is freely available as a GitHub [repo](https://github.com/etingof/pysmi).

You could `pip install pysmi` or download it from [PyPI](https://pypi.org/project/pysmi/).

If something does not work as expected, [open an issue](https://github.com/etingof/pysmi/issues) at GitHub or post your question [on Stack Overflow](http://stackoverflow.com/questions/ask).

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 */

package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }
}
public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**< *
* Indicates that this permission has been allocated by default.
* Authorization View handlers may use this property in order to restrict
* the list of scopes which may be refused to non-default scopes only
* @param isDefault
*/
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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(http://schemas.xmlsoap.org/ws/2004/09/mex/)
(http://docs.oasis-open.org/ws-sx/ws-trust/v1.4/ws-trust.html)

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Open Source Used In Data Center Network Manager 11 11.5(4) 9020
package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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 * 
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* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/internal/engine/MessageInterpolatorContext.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/internal/constraintvalidators/bv/time/future/FutureValidatorForThaiBuddhistDate.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/internal/xml/mapping/DefaultPackageStaxBuilder.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetTime.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/internal/metadata/descriptor/ElementDescriptorImpl.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/internal/metadata/desciptor/ResolverImpl.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/internal/metadata/xml/mapping/ValidStaxBuilder.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/internal/metadata/core/AnnotationProcessingOptions.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/internal/engine/valueextraction/IntArrayValueExtractor.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/hibernate/validator/InterceptorImplementor.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/hibernate/validator/InterceptorImplementor.java
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* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-jar/org/hibernate/validation/hibernate/validator/InterceptorImplementor.java
jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForCharSequence.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/engine/groups/DefaultValidationOrder.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForReadablePartial.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator internal/engine/ValidatorFactoryImpl.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/engine/path/package-info.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/constraintvalidators/bv/size/package-info.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/metadata/facets/package-info.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/metadata/aggregated/AbstractConstraintMetaData.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/metadata/aggregated/NonContainerCascadingMetaData.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/metadata/provider/MetaDataProvider.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/package-info.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/package-info.java
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
jar/org/hibernate/validator/constraints/UniqueElements.java

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null
/*
 * Hibernate Validator, declare and validate application constraints
 *
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 */

/*
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 */

Found in path(s):
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/internal/constraintvalidators/bv/time/package-info.java

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  jar/org/hibernate/validator/internal/util/TypeHelper.java

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/*
 * Hibernate Validator, declare and validate application constraints
 *
 * License: Apache License, Version 2.0
 */
* A method-level constraint, that evaluates a script expression against the
* annotated method or constructor. This constraint can be used to implement
* validation routines that depend on several parameters of the annotated
* executable.
* </p>
* <p>
* Script expressions can be written in any scripting or expression language,
* for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
* ("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
* found on the classpath. To refer to a parameter within the scripting
* expression, use its name as obtained by the active
* [@link javax.validation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.
* will be used as parameter names.
* </p>
* <p>
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
* </p>
* <pre>
* {@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>
* <p>
* Can be specified on any method or constructor.
* </p>
* <p>
* @author Gunnar Morling
* */

Found in path(s):
* /opt/cola/permits/1110675268_1606843510.78/0/hibernate-validator-6-0-16-final-sources-4-
  jar/org/hibernate/validator/constraints/ParameterScriptAssert.java

1.812 springfox-swagger-ui 2.9.2
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1.816 cxf-rt-features-clustering 3.2.5-jbossorg-1

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*/
package org.apache.cxf.rs.security.oauth.data;

/**
* Base permission description which is visible to
* authorization handlers
* @see OAuthAuthorizationData
*/
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }
}
return description; }

public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}
}

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 */
public interface CopyingOutputStream {

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}

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1.817 packaging 20.1
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1.818 jackson-datatype-jsr310 2.10.5

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1.819 deep-diff 3.3.0

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Metadata-Version: 1.1
Name: deepdiff
Version: 3.3.0
Summary: Deep Difference and Search of any Python object/data.
Home-page: https://github.com/seperman/deepdiff
Author: Seperman
Author-email: sep@zepworks.com
License: MIT
Download-URL: https://github.com/seperman/deepdiff/tarball/master
Description: **DeepDiff v 3.3.0**
Deep Difference of dictionaries, iterables, strings and other objects. It will recursively look for all the changes.

Tested on Python 2.7, 3.3, 3.4, 3.5, 3.6, Pypy, Pypy3

Note: Checkout the github repo's readme for complete coverage of features:
https://github.com/seperman/deepdiff

**Parameters**

In addition to the 2 objects being compared:

- ignore_order
- report_repetition
- verbose_level

**Returns**

A DeepDiff object that has already calculated the difference of the 2 items.

**Supported data types**

int, string, unicode, dictionary, list, tuple, set, frozenset, OrderedDict, NamedTuple and custom objects!

**Examples**

Importing

```python
>>> from deepdiff import DeepDiff
>>> from pprint import pprint
>>> from __future__ import print_function # In case running on Python 2
```

Same object returns empty

```python
>>> t1 = {1:1, 2:2, 3:3}
>>> t2 = t1
>>> print(DeepDiff(t1, t2))
{}
```

Type of an item has changed

```python
>>> t1 = {1:1, 2:2, 3:3}
>>> t2 = {1:1, 2:"2", 3:3}
>>> pprint(DeepDiff(t1, t2), indent=2)
{
    'type_changes': {
        'root[2]': {
            'new_type': <class 'str'>,
            'new_value': '2',
            'old_type': <class 'int'>,
            'old_value': 2
        }
    }
}
```

Value of an item has changed
>>> t1 = {1:1, 2:2, 3:3}
>>> t2 = {1:1, 2:4, 3:3}
>>> pprint(DeepDiff(t1, t2), indent=2)
{'values_changed': {'root[2]': {'new_value': 4, 'old_value': 2}}}

Item added and/or removed

>>> t1 = {1:1, 2:2, 3:3, 4:4}
>>> t2 = {1:1, 2:4, 3:3, 5:5, 6:6}
>>> ddiff = DeepDiff(t1, t2)
>>> pprint(ddiff)
{'dictionary_item_added': ['root[5]', 'root[6]'],
 'dictionary_item_removed': ['root[4]'],
 'values_changed': {'root[2]': {'new_value': 4, 'old_value': 2}}}

String difference

>>> t1 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":"world"}}
>>> t2 = {1:1, 2:4, 3:3, 4:{"a":"hello", "b":"world!"}}
>>> ddiff = DeepDiff(t1, t2)
>>> pprint(ddiff, indent = 2)
{'values_changed': {'root[2]': {'new_value': 4, 'old_value': 2},
 'root[4][b]': {'new_value': 'world!',
 'old_value': 'world'}}}

String difference 2

>>> t1 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":"world!\nGoodbye!\n1\n2\nEnd"}}
>>> t2 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":"world!\n1\n2\nEnd"}}
>>> ddiff = DeepDiff(t1, t2)
>>> pprint(ddiff, indent = 2)
{'values_changed': {'root[4][b]': {'diff': '--- 
@@ -1,5 +1,4 @@
-\world!
-Goodbye\n+
+world!
 1\n 2\n End',
 'new_value': 'world!\n1\n2\nEnd',
 'old_value': 'world!\nGoodbye!\n1\n2
End'}}

>>> print (ddiff['values_changed']["root[4][b]"]["diff"]
---
Type change

```python
>>> t1 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":[1, 2, 3]}}
>>> t2 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":"world


End"}}
>>> ddiff = DeepDiff(t1, t2)
>>> pprint (ddiff, indent = 2)
{'type_changes': {'root[4]['b']': {'new_type': <class 'str'>, 'new_value': 'world


End', 'old_type': <class 'list'>, 'old_value': [1, 2, 3]}}}
```

List difference

```python
>>> t1 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":[1, 2, 3, 4]}}
>>> t2 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":[1, 2]}}
>>> ddiff = DeepDiff(t1, t2)
>>> pprint (ddiff, indent = 2)
{'iterable_item_removed': "root[4]['b'][2]: 3, root[4]['b'][3]: 4"}
```

List difference 2:

```python
>>> t1 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":[1, 2, 3]}}
>>> t2 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":[1, 3, 2, 3]}}
>>> ddiff = DeepDiff(t1, t2)
>>> pprint (ddiff, indent = 2)
{'iterable_item_added': "root[4]['b'][3]: 3", 'values_changed': {'root[4]['b'][1]': {'new_value': 3, 'old_value': 2}, 'root[4]['b'][2]': {'new_value': 2, 'old_value': 3}}}
```

List difference ignoring order or duplicates: (with the same dictionaries as above)

```python
>>> t1 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":[1, 2, 3]}}
>>> t2 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":[1, 3, 2, 3]}}
>>> ddiff = DeepDiff(t1, t2, ignore_order=True)
>>> print (ddiff)
{}
```

List that contains dictionary:

```python
>>> t1 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":[1, 2, {1:1, 2:2}]}}
>>> t2 = {1:1, 2:2, 3:3, 4:{"a":"hello", "b":[1, 2, {1:3}]}}
>>> ddiff = DeepDiff(t1, t2)
>>> pprint (ddiff, indent = 2)
{'dictionary_item_removed': ['root[4]['b'][2][2]']}
```
Sets:
```python
>>> t1 = {1, 2, 8}
>>> t2 = {1, 2, 3, 5}
>>> ddiff = DeepDiff(t1, t2)
>>> pprint (DeepDiff(t1, t2))
{'set_item_added': ['root[3]', 'root[5]'], 'set_item_removed': ['root[8]']}
```

Named Tuples:
```python
>>> from collections import namedtuple
>>> Point = namedtuple('Point', ['x', 'y'])
>>> t1 = Point(x=11, y=22)
>>> t2 = Point(x=11, y=23)
>>> pprint (DeepDiff(t1, t2))
{'values_changed': {'root.y': {'new_value': 23, 'old_value': 22}}}
```

Custom objects:
```python
>>> class ClassA(object):
...     a = 1
...     def __init__(self, b):
...         self.b = b
...
>>> t1 = ClassA(1)
>>> t2 = ClassA(2)
```  
```python
>>> pprint(DeepDiff(t1, t2))
{'values_changed': {'root.b': {'new_value': 2, 'old_value': 1}}}
```

Object attribute added:
```python
>>> t2.c = "new attribute"
>>> pprint(DeepDiff(t1, t2))
{'attribute_added': ['root.c'], 'values_changed': {'root.b': {'new_value': 2, 'old_value': 1}}}
```

Exclude certain types from comparison:
```python
>>> l1 = logging.getLogger("test")
>>> l2 = logging.getLogger("test2")
>>> t1 = {"log": l1, 2: 1337}
>>> t2 = {"log": l2, 2: 1337}
```  
```python
>>> print(DeepDiff(t1, t2, exclude_types={logging.Logger}))
{ }
```

Exclude part of your object tree from comparison:
```python
>>> t1 = {"for life": "vegan", "ingredients": ["no meat", "no eggs", "no dairy"]}
>>> t2 = {"for life": "vegan", "ingredients": ["veggies", "tofu", "soy sauce"]}
>>> print (DeepDiff(t1, t2, exclude_paths="root['ingredients']"))
{ }
```
Using DeepDiff in unit tests
result is the output of the function that is being tests.
expected is the expected output of the function.
>>> assertEqual(DeepDiff(result, expected), {})
**Changelog**

- v3-3-0: Searching for objects and class attributes
- v3-2-2: Adding help(deepdiff)
- v3-2-1: Fixing hash of None
- v3-2-0: Adding grep for search: object | grep(item)
- v3-1-3: Unicode vs. Bytes default fix
- v3-1-2: NotPresent Fix when item is added or removed.
- v3-1-1: Bug fix when item value is None (#58)
- v3-1-0: Serialization to/from json
- v3-0-0: Introducing Tree View
- v2-5-3: Bug fix on logging for content hash.
- v2-5-2: Bug fixes on content hash.
- v2-5-0: Adding ContentHash module to fix ignore_order once and for all.
- v2-1-0: Adding Deep Search. Now you can search for item in an object.
- v2-0-0: Exclusion patterns better coverage. Updating docs.
- v1-8-0: Exclusion patterns.
- v1-7-0: Deep Set comparison.
- v1-6-0: Unifying key names. i.e newvalue is new_value now. For backward compatibility, newvalue still works.
- v1-5-0: Fixing ignore order containers with unordered items. Adding significant digits when comparing decimals. Changes property is deprecated.
- v1-4-0: Changing Set, Dictionary and Object Attribute Add/Removal to be reported as Set instead of List.
- v1-3-0: Adding Pypy compatibility.
- v1-0-2: Checking for ImmutableMapping type instead of dict
- v1-0-1: Better ignore order support
- v1-0-0: Restructuring output to make it more useful. This is NOT backward compatible.
- v0-6-1: Fixing iterables with unhashable when order is ignored
- v0-6-0: Adding unicode support
- v0-5-9: Adding decimal support
- v0-5-8: Adding ignore order of unhashables support
- v0-5-7: Adding ignore order support
- v0-5-6: Adding slots support
- v0-5-5: Adding loop detection

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Article about Deepdiff: http://zepworks.com/blog/diff-it-to-digg-it/
Victor Hahn Castell

- [hahncastell.de](http://hahncastell.de)
- [flexoptix.net](http://www.flexoptix.net)

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- nfvs for Travis-CI setup script.
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- WangFenjin for unicode support.
- timoiyla for comparing list of sets when ignoring order.
- Bernhard10 for significant digits comparison.
- b-jazz for PEP257 cleanup, Standardize on full names, fixing line endings.
- finnhughes for fixing __slots__
- moloney for Unicode vs. Bytes default
- serv-inc for adding help(deepdiff)
- movermeyer for updating docs
- maxrothman for search in inherited class attributes
- maxrothman for search for types/objects

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1.821 ttmkfdir 3.0.9-42.el7

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file_io/unix/mktemp.c, strings/apr_strings.c:

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From network_io/unix/inet_ntop.c, network_io/unix/inet_pton.c:

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From strings/apr_strnatcmp.c, include/apr_strings.h:
strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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1.824 asm-tree 3.0

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Zstd-jni: JNI bindings to Zstd Library

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1.836 jackson-dataformat-yaml 2.4.5

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1.840 bouncycastle-fips 1.0.3
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/**
 * Base constructor.
 * <p>
 * The authorizer attempts to perform matching (including the use of the wildcard) in accordance with RFC 6125.
 * </p>
 * <p>
 * Known suffixes is a list of public domain suffixes that can't be used as wild cards for
 * example *.com, or c*c.com, as a dns wildcard could match every/most .com domains if a registrar were issue it.
 * If *.com is in the known suffixes list will not be allowed to match.
 * </p>
 * <p>
 * @param knownSuffixes a set of suffixes that cannot be wild-carded, e.g. { ".com", ".net", ".org" }
 * /
 *

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1089947271_1601369618.24/0/bcpkix-fips-1-0-3-sources-jar/org/bouncycastle/est/jcajce/JsseDefaultHostnameAuthorizer.java
1.841 spring-web 4.0.2.RELEASE

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 * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
 * jar/org/springframework/web/multipart/support/MissingServletRequestPartException.java
 * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
 * jar/org/springframework/http/client/BufferingClientHttpRequestFactory.java
 * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
 * jar/org/springframework/http/client/AbstractBufferingClientHttpRequest.java
 * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
 * jar/org/springframework/http/client/ClientHttpRequestExecution.java
 * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
 * jar/org/springframework/http/server/ServerHttpRequest.java
 * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
 * jar/org/springframework/web/multipart/MultipartHttpServletRequest.java
 * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
 * jar/org/springframework/web/context/support/ServletConfigPropertySource.java
 * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
 * jar/org/springframework/web/context/support/ServletConfigPropertySource.java
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 * jar/org/springframework/web/context/support/ServletConfigPropertySource.java
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 * jar/org/springframework/web/context/support/ServletConfigPropertySource.java
 * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
 * jar/org/springframework/web/context/support/ServletConfigPropertySource.java
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  * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-jar/org/springframework/remoting/httpinvoker/HttpInvokerRequestExecutor.java
  * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-jar/org/springframework/web/filter/CommonsRequestLoggingFilter.java
  * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-jar/org/springframework/web/context/support/ServletContextScope.java
  * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-jar/org/springframework/web/accept/AbstractMappingContentNegotiationStrategy.java
  * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
  * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-jar/org/springframework/remoting/jaxws/JaxWsPortProxyFactoryBean.java

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  * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
  * /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-jar/org/springframework/remoting/jaxws/JaxWsPortProxyFactoryBean.java
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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/request/ContentNegotiationStrategy.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/request/async/TimeoutDeferredResultProcessingInterceptor.java
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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/bind/annotation/ValueConstants.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/client/HttpMessageConverterExtractor.java
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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/WebRequest.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/client/ResponseErrorHandler.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/request/async/CallableInterceptorChain.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/WebAsyncUtils.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/RequestScope.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/ServletConfigAware.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web-client/ResourceAccessException.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/support/RequestHandledEvent.java
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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
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  jar/org/springframework/web/filter/Log4jNestedDiagnosticContextFilter.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1-
  jar/org/springframework/web/multipart/support/ByteArrayMultipartFileEditor.java
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jar/org/springframework/http/converter/HttpMessageConverter.java
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jar/org/springframework/http/HttpOutputMessage.java
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jar/org/springframework/http/converter/package-info.java
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jar/org/springframework/http/converter/xml/AbstractXmlHttpMessageConverter.java
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jar/org/springframework/web/context/support/ServletContextResourceLoader.java
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jar/org/springframework/http/HttpInputMessage.java

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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0.2-release-sources-1.jar/org/springframework/remoting/jaxws/SimpleHttpServerJaxWsServiceExporter.java

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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0.2-release-sources-1.jar/org/springframework/http/converter/json/MappingJacksonHttpMessageConverter.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0.2-release-sources-1.jar/org/springframework/web/method/support/HandlerMethodReturnValueHandler.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0.2-release-sources-1.jar/org/springframework/http/converter/BufferedImageHttpMessageConverter.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0.2-release-sources-1.jar/org/springframework/http/converter/FormHttpMessageConverter.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0.2-release-sources-1.jar/org/springframework/http/server/ServerHttpResponse.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0.2-release-sources-1.jar/org/springframework/http/client/BufferingClientHttpResponseWrapper.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0.2-release-sources-1.jar)}}
jar/org/springframework/http/InvalidMediaTypeException.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/http/client/BufferingClientHttpRequestWrapper.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/jsf/el/SpringBeanFacesELResolver.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/support/ServletContextAwareProcessor.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/http/client/SimpleStreamingClientHttpRequest.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/method/annotation/ModelFactory.java
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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/support/ServletContextAwareProcessor.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4-0-2-release-sources-1.jar/org/springframework/web/context/request/async/WebAsyncTask.java
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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/http/client/support/AsyncHttpAccessor.java
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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/http/client/InterceptingClientHttpRequest.java
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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/web/util/CookieGenerator.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/web/context/request/FacesWebRequest.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/web/method/annotation/SessionAttributesHandler.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/http/converter/SourceHttpMessageConverter.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/web/context/ContextLoader.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/http/converter/xml/SourceHttpMessageConverter.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/web/context/request/FacesRequestAttributes.java
* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/http/converter/support/AllEncompassingFormHttpMessageConverter.java

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* /opt/cola/permits/1148130928_1646350019.46/0/spring-web-4.0-2-release-sources-1.jar/org/springframework/web/method/support/UriComponentsContributor.java
1.842 hibernate 3.0

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Found in path(s):
  */opt/cola/permits/1000000590_1646171445.35/0/okio-1-13-0-sources-2-jar/okio/Base64.java

1.856 aesh 1.7

1.857 joda-time 2.10.8
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[See also the ChangeLog file where individuals are attributed in log entries. Likewise in the FAQ file.]

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Bug fix.
Alexander Terekhov TEREKHOV at de dot ibm dot com
Re-implemented and improved read-write locks;
(with Louis Thomas) re-implemented and improved
condition variables;
enhancements to semaphores;
enhancements to mutexes;
new mutex implementation in 'futex' style;
suggested a robust implementation of pthread_once
similar to that implemented by V.Kliathcko;
system clock change handling re CV timeouts;
bug fixes.
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Changes to make C version usable with C++ applications;
re-implemented mutex routines to avoid Win32 mutexes
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reimplemented pthread_once with the same form
as described by A.Terekhov (later version 2);
implementation of MCS (Mellor-Crummey/Scott) locks.
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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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1.868 pyudev 0.15
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1.869 jackson-databind 2.9.9.3
1.869.1 Available under license:

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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### 1.870 wtforms 3.0.0

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Metadata-Version: 2.1
Name: WTForms
Version: 3.0.0
Summary: Form validation and rendering for Python web development.
Home-page: https://wtforms.readthedocs.io/
Maintainer: WTForms
Maintainer-email: davidism@gmail.com
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Project-URL: Documentation, https://wtforms.readthedocs.io/
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Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content
Requires-Python: >=3.6
Description-Content-Type: text/x-rst
Provides-Extra: email
License-File: LICENSE.rst

WTForms
=======

WTForms is a flexible forms validation and rendering library for Python web development. It can work with whatever web framework and template engine you choose. It supports data validation, CSRF protection, internationalization (I18N), and more. There are various community
libraries that provide closer integration with popular frameworks.

Installation
-------------

Install and update using pip:

```text
pip install -U WTForms
```

Third-Party Library Integrations
--------------------------------

WTForms is designed to work with any web framework and template engine. There are a number of community-provided libraries that make integrating with frameworks even better.

- `Flask-WTF` integrates with the Flask framework. It can automatically load data from the request, uses Flask-Babel to translate based on user-selected locale, provides full-application CSRF, and more.
- `WTForms-Alchemy` provides rich support for generating forms from SQLAlchemy models, including an expanded set of fields and validators.
- `WTForms-SQLAlchemy` provides ORM-backed fields and form generation from SQLAlchemy models.
- `WTForms-AppEngine` provides ORM-backed fields and form generation from AppEnding db/ndb schema
- `WTForms-Django` provides ORM-backed fields and form generation from Django models, as well as integration with Django's I18N support.
- `Starlette-WTF` integrates with Starlette and the FastAPI framework, based on the features of Flask-WTF.

Links
-----

- `Flask-WTF`: https://flask-wtf.readthedocs.io/
- `WTForms-Alchemy`: https://wtforms-alchemy.readthedocs.io/
- `WTForms-SQLAlchemy`: https://github.com/wtforms/wtforms-sqlalchemy
- `WTForms-AppEngine`: https://github.com/wtforms/wtforms-appengine
- `WTForms-Django`: https://github.com/wtforms/wtforms-django
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* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3.0.0-tar-gz/WTForms-3.0.0/PKG-INFO
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3.0.0-tar-gz/WTForms-3.0.0/src/WTForms.egg-info/PKG-INFO

No license file was found, but licenses were detected in source scan.

[metadata]
name = WTForms
version = 3.0.0
url = https://wtforms.readthedocs.io/
project_urls =
   Documentation = https://wtforms.readthedocs.io/
   Code = https://github.com/wtforms/wtforms
   Issue Tracker = https://github.com/wtforms/wtforms/issues
license = BSD-3-Clause
license_files = LICENSE.rst
maintainer = WTForms
maintainer_email = davidism@gmail.com
description = Form validation and rendering for Python web development.
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
   Development Status :: 5 - Production/Stable
   Environment :: Web Environment
   Intended Audience :: Developers
   License :: OSI Approved :: BSD License
   Operating System :: OS Independent
   Programming Language :: Python
   Topic :: Internet :: WWW/HTTP :: Dynamic Content

[options]
packages = find:
package_dir = = src
include_package_data = true
python_requires = >= 3.6
setup_requires = Babel >= 2.6.0
install_requires = MarkupSafe

[options.packages.find]
where = src

[options.extras_require]
email = email_validator

[extract_messages]
copyright_holder = WTForms Team
input_paths = src/wtforms
output_file = src/wtforms/locale/wtforms.pot

[init_catalog]
input_file = src/wtforms/locale/wtforms.pot
output_dir = src/wtforms/locale/
domain = wtforms

[update_catalog]
input_file = src/wtforms/locale/wtforms.pot
output_dir = src/wtforms/locale/
domain = wtforms
update-header-comment = true
no-fuzzy-matching = true
ignore-obsolete = true

[compile_catalog]
directory = src/wtforms/locale/
domain = wtforms
statistics = true

[tool:pytest]
testpaths = tests
filterwarnings = error

[coverage:run]
branch = true
source = wtforms

[coverage:paths]
source = src
.tox/*/site-packages

[coverage:report]
exclude_lines =
pragma: no cover
except ImportError:

[flake8]
select = B, E, F, W, B9, ISC
ignore =
E203
E501
E722
W503
max-line-length = 80
per-file-ignores =
    **/__init__.py: F401, F403

[egg_info]
tag_build =
tag_date = 0

Found in path(s):
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/setup.cfg
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Found in path(s):
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/sv/LC_MESSAGES/wtforms.po
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/zh_TW/LC_MESSAGES/wtforms.po
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/it/LC_MESSAGES/wtforms.po
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/ca/LC_MESSAGES/wtforms.po
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/ar/LC_MESSAGES/wtforms.po
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/fa/LC_MESSAGES/wtforms.po
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/zh/LC_MESSAGES/wtforms.po
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/ko/LC_MESSAGES/wtforms.po
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/fr/LC_MESSAGES/wtforms.po
* /opt/cola/permits/1225152645_1636365662.86/0/wtforms-3-0-0-tar-gz/WTForms-3.0.0/src/wtforms/locale/bg/LC_MESSAGES/wtforms.po

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-->

<!- $Id: copyright.xsl,v 1.8 2009/07/10 23:47:58 tbox Exp $ -->

<!- Generate ISC copyright comments from Docbook copyright metadata. -->

<xsl:stylesheet xmlns:xsl="http://www.w3.org/1999/XSL/Transform" version="1.0">

<xsl:template name="isc.copyright.format">
  <xsl:param name="text"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:value-of select="normalize-space(substring-before($text, '&#10;'))"/>
  <xsl:text>&#10;</xsl:text>
  <xsl:variable name="rest" select="substring-after($text, '&#10;')"/>
  <xsl:if test="translate($rest, '&#9;&#32;', '')">
    <xsl:call-template name="isc.copyright.format">
      <xsl:with-param name="text" select="$rest"/>
    </xsl:call-template>
  </xsl:if>
</xsl:template>

<xsl:variable name="isc.copyright.text">

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</xsl:variable>
</xsl:stylesheet>
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* configure.ac, Makefile.am: The original versions were derived from the ones in the XML Catalog Manager project, version 2.2.

Author: Julio Merino <jmmv@users.sourceforge.net>

* atf-c/ui.c: The format_paragraph and format_text functions were derived form the ones in the Monotone project, revision 3a0982da308228d796df35f98d787c5cfff2bb5bb6.

Author: Julio Merino <jmmv@NetBSD.org>

* atf-c++/detail/io.hpp, atf-c++/detail/io.cpp, atf-c++/detail/io_test.cpp: These files were derived from the file_handle, systembuf, pipe and pistream classes and tests found in the Boost.Process library.

Author: Julio Merino <jmmv84@gmail.com>

* admin/check-style.sh, admin/check-style-common.awk, admin/check-style-cpp.awk, admin/check-style-shell.awk: These files, except the first one, were first implemented in the Buildtool project. They were later adapted to be part of Boost.Process and, during that process, the shell script was created.

Author: Julio Merino <jmmv84@gmail.com>

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* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources.jar/src/java/com/ctc/wstx/sax/WrappedSaxException.java
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* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sax/WstxSAXParserFactory.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sax/SAXProperty.java

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* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/evt/DefaultEventAllocator.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/dtd/NameKeySet.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/dtd/NameKey.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/ent/EntityDecl.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/io/WstxInputLocation.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/io/AsciiReader.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/io/UTF32Reader.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/io/UTF8Reader.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/stax/WstxEventFactory.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/evt/BaseStartElement.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/evt/WEvent.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/evt/WstxLazyException.java

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* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-
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* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sw/BaseStreamWriter.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/io/WstxInputSource.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/dtd/DTDTypingNonValidator.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sw/XmlWriter.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sr/NsDefaultProvider.java
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* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sw/ISOLatin1XmlWriter.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sw/FullDtdReader.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sw/AsciiXmlWriter.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sw/AsciiXmlWriter.java
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* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/sr/StreamScanner.java

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* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/dom/DOMWrappingReader.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/msv/MSVContextProvider.java
* /opt/cola/permits/1001448943_1646171629.98/0/wstx-asl-3-2-6-sources-jar/src/java/com/ctc/wstx/stax/WstxInputFactory.java
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* /opt/cola/permits/1003070155_1646171676.14/0/vdx-core-1-1-6-sources-jar/org/projectodd/vdx/core/handlers/UnsupportedElementHandler.java
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* /opt/cola/permits/1003070155_1646171676.14/0/vdx-core-1-1-6-sources-jar/org/projectodd/vdx/core/handlers/DuplicateElementHandler.java
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* /opt/cola/permits/1003070155_1646171676.14/0/vdx-core-1-1-6-sources-jar/org/projectodd/vdx/core/schema/SchemaPathPrefixProvider.java
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#
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scriptversion=2010-08-21.06; # UTC

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  jar/org/springframework/asm/TypeReference.java
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* /opt/ws_local/PERMITS_SQL/1068965795_1594435875.33/0/spring-core-5-0-8-release-sources-1-jar/org/springframework/util/CommonsLogWriter.java
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* /opt/ws_local/PERMITS_SQL/1068965795_1594435875.33/0/spring-core-5.0.8-release-sources-1.jar/org/springframework/core/codec/ByteBufferEncoder.java
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* /opt/ws_local/PERMITS_SQL/1068965795_1594435875.33/0/spring-core-5-0-8-release-sources-1.jar/org/springframework/core/codec/Decoder.java
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1.890 libbytesize 1.2 1.el7

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 */
/*
 * Usage: s4u2proxy evccname targetname
* evccname contains an evidence ticket. The default ccache contains a TGT for
* the intermediate service. The default keytab contains a key for the
* intermediate service. An S4U2Proxy request is made to get a ticket from
* evccname's default principal to the target service. The resulting cred is
* stored in the default ccache.
*/
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*-
/* tests/shlib/t_loader.c */
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    kadmin/server/iproptd_svc.c
    lib/kdb/iprop.x
    lib/kdb/kdb_convert.c
    lib/kdb/kdb_log.c
    lib/kdb/kdb_log.h
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*/
/* -*- mode: c; c-basic-offset: 4; indent-tabs-mode: nil -*-
/* tests/plugorder.c - Test harness to display the order of loaded plugins */
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*/

/*
 * This file registers a few dummy built-in pwqual modules, then prints out the
 * order of pwqual modules returned by k5_plugin_load_all. The choice of the
 * pwqual interface is mostly arbitrary; it is an interface which libkrb5
 * itself doesn't use, for which we have a test module.
 */

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/*
 * Program to take the place of the configure shell script under DOS.
 * The makefile.in files are constructed in such a way that all this
 * program needs to do is uncomment lines beginning #DOS by removing the
 * first 5 characters of the line. This will allow lines like:
 * #DOS!include win-pre.in to become: !include win-pre.in
 *
 * We also turn any line beginning with '@' into a blank line.
 *
 * If a config directory is specified, then the output will be start with
 * config\pre.in, then the filtered stdin text, and will end with
 * config\post.in.
 *
 * Syntax: wconfig [options] [config_directory] <input_file >output_file
 *
 */

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1.909 python-linux-procfs 0.4.11 4.el7

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/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [{@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}]
 * version.
 * *
 * @[param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>null</code> for none).
 * *
 * @[param access
 * the method's access flags (see [{@link Opcodes}]). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
@param name
    the method's name.
@param desc
    the method's descriptor (see Type).
@param signature
    the method's signature. May be null.
@param exceptions
    the internal names of the method's exception classes (see Type#getInternalName()). May be null.
@throws IllegalStateException
    If a subclass calls this constructor.
*/

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/**
 * Constructs a new [link Textifier]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [link Textifier(int)]
 * version.
 * *
 * @throws IllegalStateException
 *             If a subclass calls this constructor.
 */

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* /opt/cola/permits/1135996864_1613649419.76/0/asm-5-1-sources-2-jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1135996864_1613649419.76/0/asm-5-1-sources-2-jar/org/objectweb/asm/xml/ASMContentHandler.java

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/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * { [@link #GeneratorAdapter(int, MethodVisitor, int, String, String)]
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see { [@link Opcodes]}).
 * @param name
 * the method’s name.
 * @param desc
 * the method's descriptor (see { [@link Type]}).
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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/**
 * Creates a new [@link AnalyzerAdapter]. <i>Subclasses must not use this
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 * [@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)]
 * version.
 *
 * @param owner
 * the owner's class name.
 *
 * @param access
 * the method's access flags (see [@link Opcodes]).
 *
 * @param name
 * the method's name.
 *
 * @param desc
 * the method's descriptor (see [@link Type Type]).
 *
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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/**
* Constructs a new [@link LocalVariableAnnotationNode]. <i>Subclasses must
* not use this constructor</i>. Instead, they must use the
* [@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)]
* version.
*
* @param typeRef
* a reference to the annotated type. See [@link TypeReference].
* @param typePath
* the path to the annotated type argument, wildcard bound, array
* element type, or static inner type within 'typeRef'. May be
* <tt>null</tt> if the annotation targets 'typeRef' as a whole.
* @param start
* the first instructions corresponding to the continuous ranges
* that make the scope of this local variable (inclusive).
* @param end
* the last instructions corresponding to the continuous ranges
* that make the scope of this local variable (exclusive). This
* array must have the same size as the 'start' array.
* @param index
* the local variable's index in each range. This array must have
* the same size as the 'start' array.
* @param desc
* the class descriptor of the annotation class.
*/

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* /opt/cola/permits/1135996864_1613649419.76/0/asm-5-1-sources-2-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
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*/
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 * version.
 * 
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

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* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/size/SizeValidatorForArraysOfDouble.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MaxValidatorForLong.java
* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/org/hibernate/validator/internal/metadata(descriptor/ParameterDescriptorImpl.java
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* /opt/cola/permits/110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1.jar/org/hibernate/validator/internal/engine/groups/GroupWithInheritance.java
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* /opt/cola/permits/1110675264_1606843454.23/0/hibernate-validator-6-0-14-final-sources-1-jar/maven/org.hibernate.validator/hibernate-validator/pom.xml
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 */

/*
 * A method-level constraint, that evaluates a script expression against the
 * annotated method or constructor. This constraint can be used to implement
 * validation routines that depend on several parameters of the annotated
 * executable.
 */

/*
 * Script expressions can be written in any scripting or expression language,
 * for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
 * (“Scripting for the Java<sup>TM</sup> Platform”) compatible engine can be
 * found on the classpath. To refer to a parameter within the scripting
 * expression, use its name as obtained by the active
 * [@link javax.validation.ParameterNameProvider]. By default, [@code arg0], [@code arg1] etc.
 * will be used as parameter names.
 */

/*
 * The following listing shows an example using the JavaScript engine which
 * comes with the JDK:
 */

/*
 * public void createEvent(Date start, Date end) {
 *   [...]  
 * }
 */

/*
 * Can be specified on any method or constructor.
 */

/*
 * @author Gunnar Morling
 */
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 */
/**
 * Retrieves constraint related meta data for the parameters of the given
 * executable.
 *
 * @param executable The executable of interest.
 *
 * @return A list with parameter meta data for the given executable.
 */

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* /opt/cola/permits/1144137761_1615854213.89/0/snmp4j-2-5-5-sources-1-jar/org/snmp4j/util/package.html
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SNMP4J 2 - SECURITYMODEL.JAVA

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jackson-jq
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When upgrading Lucene-Java Jars, remember to generate new Analysis factories for any new Tokenizers or TokenFilters. See the wiki for details...

http://wiki.apache.org/solr/CommitterInfo
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------------------------

Woodstox is an XML-parser that allows parsing of XML documents in so-called
pull mode (aka "pull parsing").
It specifically implements StAX 1.0 API:


which defines what is closest to being the J2xE standard for XML pull parsers.

Woodstox was originally written by Tatu Saloranta (<tatu.salaranta@iki.fi>).

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XZ for Java 1.0 (2011-10-22)

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Byte Buddy is a code generation and manipulation library for creating and modifying Java classes during the runtime of a Java application and without the help of a compiler.

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You might want to interpret some document fields in more than one way. Solr has a mechanism for making copies of fields so that you can apply several distinct field types to a single piece of incoming information.

The name of the field you want to copy is the _source_, and the name of the copy is the _destination_. In `schema.xml`, it's very simple to make copies of fields:

[source,xml]
----
<copyField source="cat" dest="text" maxChars="30000" />
----

In this example, we want Solr to copy the `cat` field to a field named `text`. Fields are copied before <<understanding-analyzers-tokenizers-and-filters.adoc#understanding-analyzers-tokenizers-and-filters,analysis>> is done, meaning you can have two fields with identical original content, but which use different analysis chains and are stored in the index differently.

In the example above, if the `text` destination field has data of its own in the input documents, the contents of the `cat` field will be added as additional values just as if all of the values had originally been specified by the client. Remember to configure your fields as `multivalued="true"` if they will ultimately get multiple values (either from a multivalued source or from multiple `copyField` directives).

A common usage for this functionality is to create a single "search" field that will serve as the default query field when users or clients do not specify a field to query. For example, `title`, `author`, `keywords`, and `body` may all be fields that should be searched by default, with copy field rules for each field to copy to a `catchall` field (for example, it could be named anything). Later you can set a rule in `solrconfig.xml` to search the `catchall` field by
default. One caveat to this is your index will grow when using copy fields. However, whether this becomes problematic for you and the final size will depend on the number of fields being copied, the number of destination fields being copied to, the analysis in use, and the available disk space.

The `maxChars` parameter, an `int` parameter, establishes an upper limit for the number of characters to be copied from the source value when constructing the value added to the destination field. This limit is useful for situations in which you want to copy some data from the source field, but also control the size of index files.

Both the source and the destination of `copyField` can contain either leading or trailing asterisks, which will match anything. For example, the following line will copy the contents of all incoming fields that match the wildcard pattern `*_t` to the text field:

[source,xml]
----
<copyField source="*_t" dest="text" maxChars="25000" />
----

[IMPORTANT]
====
The `copyField` command can use a wildcard (*) character in the `dest` parameter only if the `source` parameter contains one as well. `copyField` uses the matching glob from the source field for the `dest` field name into which the source content is copied.
====

Copying is done at the stream source level and no copy feeds into another copy. This means that copy fields cannot be chained i.e., you cannot copy from `here` to `there` and then from `there` to `elsewhere`. However, the same source field can be copied to multiple destination fields:

[source,xml]
----
<copyField source="here" dest="there"/>
<copyField source="here" dest="elsewhere"/>
----

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import java.util.Collections;
import java.util.HashSet;
import java.util.LinkedHashMap;
import java.util.List;
import java.util.Map;
import java.util.Set;
import java.util.function.Function;
import java.util.stream.Collectors;
import com.google.common.collect.ImmutableSet;
import org.apache.solr.common.SolrException;
import org.apache.solr.common.util.Utils;
import static java.util.Collections.singleton;
import static java.util.Collections.singletonList;
import static org.apache.solr.common.params.CommonParams.NAME;

class Permission {
    String name;
    Set<String> path, role, collections, method;
    Map<String, Function<String[], Boolean>> params;
    PermissionNameProvider.Name wellknownName;
    Map originalConfig;
}
private Permission() {
}

static Permission load(Map m) {
    Permission p = new Permission();
    p.originalConfig = new LinkedHashMap<>(m);
    String name = (String) m.get(NAME);
    if (!m.containsKey("role")) throw new SolrException(SolrException.ErrorCode.BAD_REQUEST, "role not specified");
    p.role = readValueAsSet(m, "role");
    if (PermissionNameProvider.Name.get(name) != null) {
        p.wellknownName = PermissionNameProvider.Name.get(name);
        HashSet<String> disAllowed = new HashSet<>(knownKeys);
        disAllowed.remove("role"); // these are the only
        disAllowed.remove(NAME); // allowed keys for well-known permissions
        disAllowed.remove("collection"); // allowed keys for well-known permissions
        disAllowed.remove("index");
        for (String s : disAllowed) {
            if (m.containsKey(s))
                throw new SolrException(SolrException.ErrorCode.BAD_REQUEST, s + " is not a valid key for the
    permission : " + name);
        }
    }
    p.name = name;
    p.path = readSetSmart(name, m, "path");
    p.collections = readSetSmart(name, m, "collection");
    p.method = readSetSmart(name, m, "method");
    Map<String, Object> paramRules = (Map<String, Object>) m.get("params");
    if (paramRules != null) {
        p.params = new LinkedHashMap<>();
        for (Map.Entry<String, Object> e : paramRules.entrySet()) {
            if (e.getValue() == null) {
                p.params.put(e.getKey(), (String[] val) -> val == null);
            } else {
                List<String> patternStrs = e.getValue() instanceof List ?
                    (List) e.getValue() : singletonList(e.getValue().toString());
                List patterns = patternStrs.stream()
                    .map(it -> it.startsWith("REGEX:")) ?
                    Pattern.compile(String.valueOf(it.substring("REGEX:".length())))
                    : it
                    .collect(Collectors.toList());
                p.params.put(e.getKey(), val -> {
                    if (val == null) return false;
                    for (Object pattern : patterns) {
                        for (String s : val) {
...
if (pattern instanceof String) {
    if (pattern.equals(s)) return true;
} else if (pattern instanceof Pattern) {
    if (((Pattern) pattern).matcher(s).find()) return true;
}
}
return false;
});
}

/**
 * This checks for the defaults available other rules for the keys
 *
 */
private static Set<String> readSetSmart(String permissionName, Map m, String key) {
    if (PermissionNameProvider.values.containsKey(permissionName) && !m.containsKey(key) &&
        "collection".equals(key)) {
        return PermissionNameProvider.Name.get(permissionName).collName;
    }
    Set<String> set = readValueAsSet(m, key);
    if ("method".equals(key)) {
        if (set != null) {
            for (String s : set) if (!HTTP_METHODS.contains(s)) return null;
        }
        return set;
    }
    return set == null ? singleton(null) : set;
}
/**
 * read a key value as a set. if the value is a single string ,
 * return a singleton set
 *
 * @param m the map from which to lookup
 * @param key the key with which to do lookup
 */
static Set<String> readValueAsSet(Map m, String key) {
    Set<String> result = new HashSet<>();
    Object val = m.get(key);
    if (val == null) {
        if("collection".equals(key)) {
            //for collection collection: null means a core admin/ collection admin request
            // otherwise it means a request where collection name is ignored
            return m.containsKey(key) ? singleton(null) : singleton("*"); //
        }
    }
}
return null;
}
if (val instanceof Collection) {
    Collection list = (Collection) val;
    for (Object o : list) result.add(String.valueOf(o));
} else if (val instanceof String) {
    result.add((String) val);
} else {
    throw new RuntimeException("Bad value for : " + key);
}
return result.isEmpty() ? null : Collections.unmodifiableSet(result);
}

@Override
public String toString() {
    return Utils.toJSONString(originalConfig);
}

static final Set<String> knownKeys = ImmutableSet.of("collection", "role", "params", "path", "method", NAME,"index");
public static final Set<String> HTTP_METHODS = ImmutableSet.of("GET", "POST", "DELETE", "PUT", "HEAD");

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1.932 perl-carp 1.26 244.el7

1.933 commons-io 2.4

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1.934 jsr-173 1.0
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c-ares  http://daniel.haxx.se/projects/c-ares/license.html

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

zlib  http://www.gzip.org/zlib/zlib_license.html

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

krb4

While nothing in particular says that a Kerberos4 library must use any particular license, the one I've tried and used successfully so far (kth-krb4) is partly Original BSD-licensed with the announcement clause. Some of the code in libcurl that is written to deal with Kerberos4 is Modified BSD-licensed.

MIT Kerberos http://web.mit.edu/kerberos/www/dist/

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

Heimdal http://www.pdc.kth.se/heimdal/

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

GNU GSS http://www.gnu.org/software/gss/

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build curl to also link and use any Original BSD licensed libraries!

fbopenssl

(Used for SPNEGO support) Unclear license. Based on its name, I assume that it uses the OpenSSL license and thus shares the same issues as described for OpenSSL above.

libidn  http://josefsson.org/libidn/
(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL is a variation of GPL with slightly less aggressive "copyleft". This license requires more requirements to be met when distributing binaries, see the license for details. Also note that if you distribute a binary that includes this library, you must also include the full LGPL license text. Please properly point out what parts of the distributed package that the license addresses.

OpenLDAP http://www.openldap.org/software/release/license.html

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

libssh2 http://www.libssh2.org/

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

[2] = http://www.fsf.org/licenses/gpl-faq.html#GPLIncompatibleLibs details on how to write such an exception to the GPL.
[3] = LGPL - GNU Lesser General Public License:
    http://www.gnu.org/licenses/lgpl.html
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1.936 elasticsearch-rest-client 6.8.5

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1.938 reactive-streams 1.0.2

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1.939 perl-pod-perldoc 3.20 4.el7

1.940 websocket-server 9.3.9.v20160517

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1.941 pyasn1 0.4.8
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Metadata-Version: 1.2
Name: pyasn1
Version: 0.4.8
Summary: ASN.1 types and codecs
Home-page: https://github.com/etingof/pyasn1
Author: Ilya Etingof
Author-email: etingof@gmail.com
Maintainer: Ilya Etingof <etingof@gmail.com>
License: BSD
Description: Pure-Python implementation of ASN.1 types and DER/BER/CER codecs (X.208)
Platform: any
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Console
Classifier: Intended Audience :: Developers
Classifier: Intended Audience :: Education
Classifier: Intended Audience :: Information Technology
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ASN.1 library for Python
------------------------

This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on [ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features
--------
* Generic implementation of ASN.1 types (X.208)
* Standards compliant BER/CER/DER codecs
* Dumps/loads ASN.1 structures from Python types
* 100% Python, works with Python 2.4 up to Python 3.7
* MT-safe
* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1
-----------------

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.
That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1. [Communication between heterogeneous systems](http://www.oss.com/asn1/dubuisson.html) by Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1

---------------

With pyasn1 you can build Python objects from ASN.1 data structures. For example, the following ASN.1 data structure:

```bash
Record ::= SEQUENCE {
  id        INTEGER,
  room  [0] INTEGER OPTIONAL,
  house [1] INTEGER DEFAULT 0
}
```

Could be expressed in pyasn1 like this:

```python
class Record(Sequence):
  componentType = NamedTypes(
    NamedType('id', Integer()),
    OptionalNamedType('room', Integer().subtype(implicitTag=Tag(tagClassContext, tagFormatSimple, 0))
    ),
    DefaultedNamedType('house', Integer(0).subtype(implicitTag=Tag(tagClassContext, tagFormatSimple, 1))
    )
  )
```

It is in the spirit of ASN.1 to take abstract data description
and turn it into a programming language specific form.

Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1 `SET` is similar to Python `dict`, `SET OF` to `list`):

```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
``` 

Part of the power of ASN.1 comes from its serialisation features. You can serialise your data structure and send it over the network.

```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
``` 

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>> for field in received_record:
...    print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```
The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id': 123, 'room': 321, 'house': 0}, asn1Spec=Record())
>>> str(record)
Record:
id=123
room=321
```

With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](http://snmplabs.com/pyasn1/), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](https://github.com/etingof/pyasn1-modules).

How to get pyasn1
-----------------

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](http://snmplabs.com/pyasn1/license.html). Source code is freely available as a GitHub [repo](https://github.com/etingof/pyasn1).

You could `pip install pyasn1` or download it from [PyPI](https://pypi.org/project/pyasn1).

If something does not work as expected, [open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or post your question [on Stack Overflow](https://stackoverflow.com/questions/ask).
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ASN.1 library for Python

Abstract Syntax Notation One (ASN.1) <http://en.wikipedia.org/wiki/Abstract_Syntax_Notation_1x> is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1 <https://pypi.org/project/pyasn1/>`_ library implements
ASN.1 support in pure-Python.

What is ASN.1
-------------

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and become a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting discussions on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's ProtoBuffers or FlatBuffers, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:

* Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.

* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.

* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications
-------------------

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:
* Signaling standards for the public switched telephone network (SS7 family)
* Network management standards (SNMP, CMIP)
* Directory standards (X.500 family, LDAP)
* Public Key Infrastructure standards (X.509, etc.)
* PBX control (CSTA)
* IP-based Videoconferencing (H.323 family)
* Biometrics (BIP, CBEFF, ACBio)
* Intelligent transportation (SAE J2735)
* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas
-------------

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1> on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

Documentation
-------------

.. toctree::
   :maxdepth: 2

/pyasn1/contents

Use case
--------

.. toctree::
   :maxdepth: 2

/example-use-case

Download & Install
------------------

.. toctree::
   :maxdepth: 2

/download

Changes
All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

License
-------

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Getting help
-------------


Books on ASN.1
---------------

The pyasn1 implementation is largely based on reading up the following awesome books:

* `ASN.1 - Communication between heterogeneous systems <http://www.oss.com/asn1/dubuisson.html>`_ by Olivier Dubuisson

Here you can get the official standards which is hard to read:


On the other end of the readability spectrum, here is a quick and sweet write up:
If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.
1.943 lucene 5.5.0

1.943.1 Available under license:

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* /opt/cola/permits/1001068468_1607107044.26/0/jetty-server-9-3-9-v20160517-sources-2.jar/org/eclipse/jetty/server/handler/AsyncDelayHandler.java
* /opt/cola/permits/1001068468_1607107044.26/0/jetty-server-9-3-9-v20160517-sources-2.jar/org/eclipse/jetty/server/handler/DefaultHandler.java
* /opt/cola/permits/1001068468_1607107044.26/0/jetty-server-9-3-9-v20160517-sources-2.jar/org/eclipse/jetty/server/Server.java
jar/org/eclipse/jetty/server/UserIdentity.java
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/** Set the TCP/IP port used for CONFIDENTIAL and INTEGRAL redirections.
 * @param securePort the secure port to redirect to.
 */
/** Set the URI scheme used for CONFIDENTIAL and INTEGRAL redirections.
 * @param secureScheme A scheme string like "https"
 */

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_FOUND in path(s):
* /opt/cola/permits/1001068468_1607107044.26/0/jetty-server-9-3-9-v20160517-sources-2-jar/org/eclipse/jetty/server/HttpConfiguration.java

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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
  jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
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  jar/io/netty/channel/pool/SimpleChannelPool.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
  jar/io/netty/channel/pool/package-info.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
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  jar/io/netty/channel/pool/ChannelPoolManagerImpl.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
  jar/io/netty/channel/pool/ChannelPoolManagerFactory.java
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
  jar/io/netty/channel/pool/ChannelPoolManagerFactoryProvider.java
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
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jar/io/netty/channel/PreferHeapByteBufAllocator.java
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jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
jar/io/netty/channel/ChannelInboundInvoker.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
jar/io/netty/channel/ChannelOutboundInvoker.java

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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
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jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
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jar/io/netty/channel/embedded/EmbeddedChannelId.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
jar/io/netty/channel/PendingWriteQueue.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
jar/io/netty/channel/ChannelFactory.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
jar/io/netty/channel/ReflectiveChannelFactory.java
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/*

 * Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
 * its {@link ChannelPipeline}.  
 *
 * <h3>Sub-types</h3>
 * <p>
 * {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
 * subtypes:
 * <ul>

* <li>{@link ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext} object. A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object. Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically, or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
* </p>
* <h3>State management</h3>
* <p>
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* </p>
* <pre>
* public interface Message {
*     // your methods here
* }
* </pre>
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}<Message> {
*     private boolean loggedIn;
* 
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
*     }
* }
* </pre>
Because the handler instance has a state variable which is dedicated to one connection, you have to create a new handler instance for each new channel to avoid a race condition where an unauthenticated client can get the confidential information:

```java
// Create a new handler instance per channel.
// See [ChannelInitializer#initChannel(Channel)].
public class DataServerInitializer extends ChannelInitializer<Channel> {
    @Override
    public void initChannel(Channel channel) {
        channel.pipeline().addLast("handler", new DataServerHandler());
    }
}
```

### Using `AttributeKey`s

Although it's recommended to use member variables to store the state of a handler, for some reason you might not want to create many handler instances. In such a case, you can use `AttributeKey`s which is provided by `ChannelHandlerContext`:

```java
@Sharable
public class DataServerHandler extends SimpleChannelInboundHandler<Message> {
    private final AttributeKey<Boolean> auth = AttributeKey.valueOf("auth");

    @Override
    public void channelRead(ChannelHandlerContext ctx, Message message) {
        Attribute<Boolean> attr = ctx.attr(auth);
        if (message instanceof LoginMessage) {
            authenticate((LoginMessage) o);
            attr.set(true);
        } else if (message instanceof GetDataMessage) {
            if (Boolean.TRUE.equals(attr.get())) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
            }
        }
    }
}
```
Now that the state of the handler is attached to the \link{ChannelHandlerContext}, you can add the same handler instance to different pipelines:

```java
public class DataServerInitializer extends \link{ChannelInitializer}\{\link{Channel}\} { 
    private static final DataServerHandler SHARED = new DataServerHandler();

    /**
     * If a \link{ChannelHandler} is annotated with the \code{@Sharable} annotation, it means you can create an instance of the handler just once and add it to one or more \link{ChannelPipeline}s multiple times without a race condition.
     */
    @Override
    public void initChannel(\link{Channel}\ channel) {
        channel.pipeline().addLast("handler", SHARED);
    }
}
```

<h4>The \code{@Sharable} annotation</h4>

In the example above which used an \link{AttributeKey}, you might have noticed the \code{@Sharable} annotation.

If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

This annotation is provided for documentation purpose, just like \href{http://www.javaconcurrencyinpractice.com/annotations/doc/}{the JCIP annotations}.

Additional resources worth reading

Please refer to the \link{ChannelHandler}, and \link{ChannelPipeline} to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.
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  java/io/netty/channel/socket/InternetProtocolFamily.java
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  java/io/netty/channel/group/ChannelGroupFuture.java
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-jar/io.netty/channel/ExtendedClosedChannelException.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-jar/io.netty/channel/EventLoopTaskQueueFactory.java

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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-jar/io/netty/channel/DefaultChannelId.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySet.java
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-jar/io/netty/channel/AbstractEventLoopGroup.java
* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-jar/io/netty/bootstrap/ChannelFactory.java
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
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* /opt/ws_local/PERMITS_SQL/1072989928_1595248338.52/0/netty-transport-4-1-39-final-sources-
jar/io/netty/channel/group/ChannelGroup.java

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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 *
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
 * interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos
 * and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on
 * loss of link, and correctly re-enable PHY when link is
 * re-established. (put back CFG_PHYIE)
 *
 * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 *
 * R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
 *
 * Linux driver for the IDT77201 NICStAR PCI ATM controller.
 * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
 * see init_nicstar() for PHY initialization to change this. This driver
 * expects the Linux ATM stack to support scatter-gather lists
 * (skb->atm.iovcnt != 0) for Rx skb’s passed to vcc->push.
 *
 * Implementing minimal-copy of received data:
 * IDT always receives data into a small buffer, then large buffers
 * as needed. This means that data must always be copied to create
 * the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
 * Fix is simple: make large buffers large enough to hold entire
 * SDU, and leave <small_buffer_data> bytes empty at the start. Then
 * copy small buffer contents to head of large buffer.
 * Trick is to avoid fragmenting Linux, due to need for a lot of large
 * buffers. This is done by 2 things:
 * 1) skb->destructor / skb->atm.recycle_buffer
 * combined, allow nicstar_free_rx_skb to be called to
 * recycle large data buffers
 * 2) skb_clone of received buffers
 * See nicstar_free_rx_skb and linearize_buffer for implementation
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Thanks go to the following people for patches and contributions:

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for the initial saa7146 driver and its recent overhaul

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for his work on the initial Linux DVB driver

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for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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single nxt200x frontend driver.

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1.970 python-more-itertools 6.0.0

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1.971 wildfly-domain-http-error-context

6.0.2.Final

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1.972 gnome-bluetooth 3.28.2 1.el7

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* This following method is a modified version of one found in
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  * /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/cache/Striped64.java
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jar/com/google/common/base/SmallCharMatcher.java

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jar/com/google/common/collection/RangeMap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
jar/com/google/common/collection/FilteredMultimap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
jar/com/google/common/collection/DescendingMultiset.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
jar/com/google/common/collection/ForwardingImmutableMap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
jar/com/google/common/collection/TransformedListIterator.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
jar/com/google/common/collection/EmptyImmutableSortedMap.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/BinaryTreeTraverser.java

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/ *
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 * /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/escape/Platform.java
 * /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/XmlEscapers.java
 * /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ForwardingFuture.java
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jar/com/google/common/io/LineBuffer.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/NullsLastOrdering.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/io/Files.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ForwardingSet.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/NaturalOrdering.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/AbstractMapBasedMultimap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/eventbus/EventBus.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/AbstractMapEntry.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/io/Closeables.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/AbstractFuture.java
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jar/com/google/common/util/concurrent/AbstractScheduledService.java
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  jar/com/google/common/collection/RangeSet.java
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  jar/com/google/common/collection/ImmutableSortedMultiset.java
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  jar/com/google/common/collection/GeneralRange.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
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  jar/com/google/common/collection/AbstractRangeSet.java
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  jar/com/google/common/collection/ImmutableSortedMultisetFauxverideShim.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collection/HashBasedTable.java
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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/hash/Murmur3_128HashFunction.java
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 * /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
   jar/com/google/common/collect/MapMakerInternalMap.java
 * /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
   jar/com/google/common/collect/DenseImmutableTable.java
 * /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-

jar/com/google/common/collect/MapMaker.java
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 */

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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/io/BaseEncoding.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/CartesianList.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ImmutableRangeSet.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/FilteredKeyMultimap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/hash/ChecksumHashFunction.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/ImmutableRangeMap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/io/GwtWorkarounds.java

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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/base/CaseFormat.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/escape/CharEscaper.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/Futures.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/annotations/VisibleForTesting.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/reflect/TypeToken.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/io/PatternFilenameFilter.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/util/concurrent/TimeLimiter.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/escape/CharEscaperBuilder.java

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* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-jar/com/google/common/collect/Interners.java
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  jar/com/google/common/collect/ComputingConcurrentHashMap.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
  jar/com/google/common/collect/ContiguousSet.java
* /opt/cola/permits/1150909106_1617718339.43/0/guava-16-0-1-sources-5-
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/cache/Weigher.java
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/
* This file is a modified version of
* http://gee.cs.oswego.edu/cgi-
* bin/viewcvs.cgi/jsr166/src/main/java/util/concurrent/AbstractExecutorService.java?revision=1.35
* which contained the following notice:
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* Rationale for copying:
* Guava targets JDK5, whose AbstractExecutorService class lacks the newTaskFor protected
* customization methods needed by MoreExecutors.listeningDecorator. This class is a copy of
* AbstractExecutorService from the JSR166 CVS repository. It contains the desired methods.
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/cache/LongAdder.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/AtomicDoubleArray.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/AbstractIndexedListIterator.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/SettableFuture.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/RegularImmutableTable.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingFuture.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/Callables.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/SingletonImmutableTable.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableEnumSet.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableSetMultimap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/JdkFutureAdapters.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ImmutableAsList.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/reflect/TypeResolver.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/base/Splitter.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ImmutableSortedMapFauxverideShim.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/annotations/GwtIncompatible.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ForwardingTable.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ComparisonChain.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/RegularImmutableList.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/base/Platform.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ComputationException.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/Ranges.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ImmutableTable.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/DiscreteDomain.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/net/HostSpecifier.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/primitives/UnsignedBytes.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ImmutableSetMultimap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/Service.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/SingletonImmutableList.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/net/InternetDomainName.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingService.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/cache/LocalCache.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collection/ImmutableSortedSetFauxverideShim.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/io/LineProcessor.java

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  * /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
    jar/jersey/repackaged/com/google/common/annotations/GwtCompatible.java
  * /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
    jar/jersey/repackaged/com/google/common/collection/ArrayTable.java
  * /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
    jar/jersey/repackaged/com/google/common/io/ByteArrayDataInput.java
  * /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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    jar/jersey/repackaged/com/google/common/primitives/SignedBytes.java
  * /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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jar/jersey/repackaged/com/google/common/io/ByteSource.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
jar/jersey/repackaged/com/google/common/io/Closer.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
jar/jersey/repackaged/com/google/common/reflect/ImmutableTypeToInstanceMap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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jar/jersey/repackaged/com/google/common/collection/RegularImmutableAsList.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
jar/jersey/repackaged/com/google/common/collection/EmptyImmutableSortedMap.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
jar/jersey/repackaged/com/google/common/collection/UnmodifiableSortedMultiset.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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jar/jersey/repackaged/com/google/common/util/concurrent/ServiceManager.java

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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
jar/jersey/repackaged/com/google/common/collection/SortedIterables.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
jar/jersey/repackaged/com/google/common/primitives/UnsignedLongs.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
jar/jersey/repackaged/com/google/common/collection/ImmutableSortedMultiset.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
jar/jersey/repackaged/com/google/common/primitives/UnsignedLong.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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 *
 * As of 2010/06/11, this method is identical to the (package private) hash
 * method in OpenJDK 7's java.util.HashMap class.
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/Striped.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/MapMaker.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/Cut.java
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  jar/jersey/repackaged/com/google/common/collection/ImmutableRangeMap.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
  jar/jersey/repackaged/com/google/common/collection/ImmutableRangeSet.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
  jar/jersey/repackaged/com/google/common/io/BaseEncoding.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/primitives/package-info.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ThreadFactoryBuilder.java
* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/ForwardingSetMultimap.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/RowSortedTable.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/util/concurrent/ForwardingBlockingQueue.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/SortedMapDifference.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/collect/EmptyImmutableSortedSet.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/net/TldPatterns.java
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* /opt/cola/permits/1137117051_1614015979.48/0/jersey-guava-2-12-sources-2-jar/jersey/repackaged/com/google/common/reflect/Reflection.java
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jar/jersey/repackaged/com/google/common/primitives/AndroidInteger.java

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 */
package org.apache.cxf.rs.security.oauth.data;
/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

    /**
     * Indicates that this permission has been allocated by default.
     * Authorization View handlers may use this property in order to restrict
     * the list of scopes which may be refused to non-default scopes only
     * @param isDefault
     */
    public void setDefault(boolean value) {
        this.isDefault = value;
    }

    public boolean isDefault() {
        return isDefault;
    }
}
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package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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 *
 * From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>
 * Date: Fri, Jun 24, 2011 at 3:20 AM
 * Subject: Re: sqrt routine
 * To: Kevin Ma <kma@google.com>
 * Hi Kevin,
 * Thanks for asking. Those routines are public domain (originally posted to
 * comp.sys.arm a long time ago), so you can use them freely for any purpose.
 * Cheers,
 * Wilco
 *
 * ----- Original Message ----- 
 * From: "Kevin Ma" <kma@google.com>
 * To: <Wilco.Dijkstra@ntlworld.com>
 * Sent: Thursday, June 23, 2011 11:44 PM
 * Subject: Fwd: sqrt routine
 * Hi Wilco,
 * I saw your sqrt routine from several web sites, including
 * http://www.finesse.demon.co.uk/steven/sqrt.html.
 * Just wonder if there's any copyright information with your Successive
 * approximation routines, or if I can freely use it for any purpose.
 * Thanks.
 * Kevin
 */
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modules/audio_coding/codecs/g711/main/source/g711.h
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* $Id: pa_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche $
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* Memory barrier utilities
*
* Author: Bjorn Roche, XO Audio, LLC
*
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/*
* $Id: pa_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche $
* Portable Audio I/O Library
* Ring Buffer utility.
*
* Author: Phil Burk, http://www.softsynth.com
* modified for SMP safety on Mac OS X by Bjorn Roche
* modified for SMP safety on Linux by Leland Lucius
* also, allowed for const where possible
* modified for multiple-byte-sized data elements by Sven Fischer
*
* Note that this is safe only for a single-thread reader and a
* single-thread writer.
*
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Source:
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  jar/org/springframework/web/servlet/FlashMapManager.java
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/**
* XSLT-driven View that allows for response context to be rendered as the
* result of an XSLT transformation.
*
* <p>The XSLT Source object is supplied as a parameter in the model and then
* [:@link #locateSource detected] during response rendering. Users can either specify
* a specific entry in the model via the [:@link #setSourceKey sourceKey] property or
* have Spring locate the Source object. This class also provides basic conversion
* of objects into Source implementations. See [:@link #getSourceTypes() here]
* for more details.
*
* <p>All model parameters are passed to the XSLT Transformer as parameters.
* In addition the user can configure [:@link #setOutputProperties output properties]
* to be passed to the Transformer.
*
* @author Rob Harrop
* @author Juergen Hoeller
* @since 2.0
*/

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* /opt/cola/permits/1135953050_1613641297.88/0/commons-beanutils-1.7.0-sources-2-
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* /opt/cola/permits/1135953050_1613641297.88/0/commons-beanutils-1.7.0-sources-2-
jar/org/apache/commons/beanutils/locale/converters/ByteArrayConverter.java
1.1022 zstd 1.3.3

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* - zstdmt source repository: https://github.com/mcmilk/zstdmt
* */

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  1.3.3/zstd/lib/common/threading.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-
  1.3.3/zstd/lib/common/threading.h
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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v05.c

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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v01.c

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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/fse_decompress.c

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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3/zstd/lib/legacy/zstd_v03.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3/zstd/lib/legacy/zstd_v06.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3/zstd/lib/legacy/zstd_v07.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3/zstd/lib/legacy/zstd_v02.c

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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3/zstd/lib/compress/zstd_opt.h
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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstdmt_compress.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_double_fast.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v06.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstdmt_compress.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_double_fast.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/compiler.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v04.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v05.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/zstd_common.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_lazy.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v03.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/zstd_errors.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_legacy.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_lazy.c
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/error_private.h
* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/common/error_private.c
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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1-3-3-tar-gz/zstd-1.3.3/zstd/lib/legacy/zstd_v07.h

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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3.tar-gz/zstd-1.3.3/zstd/lib/compress/fse_compress.c
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* /opt/ws_local/PERMITS_SQL/1038327947_1589438971.26/0/zstd-1.3.3.tar-gz/zstd-1.3.3/zstd/lib/compress/zstd_ldm.c
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* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/Encoding.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/FilterUrlByProtocolAttributePolicy.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/HtmlTextEscapingMode.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/TCB.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/HtmlStreamRenderer.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/HtmlTokenType.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/examples/UrlTextExample.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/examples/SlashdotPolicyExample.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/StylingPolicy.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/HtmlChangeReporter.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/package-info.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/HtmlSanitizer.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/CssGrammar.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-
jar/org/owasp/html/Trie.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-

jar/org/owasp/html/HtmlChangeListener.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/Strings.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/HtmlToken.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/TokenStream.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/HtmlEntities.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/PolicyFactory.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/Sanitizers.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/HtmlLexer.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/CssTokens.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/ElementPolicy.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/Handler.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/ElementAndAttributePolicies.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/ElementAndAttributePolicyBasedSanitizerPolicy.java
* /opt/cola/permits/1136449524_1613767508.39/0/owasp-java-html-sanitizer-r239-sources-3-jar/org/owasp/html/AttributePolicy.java

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/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/escape/Escaper.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/primitives/Doubles.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/net/InetAddresses.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/escape/UnicodeEscaper.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/internal/Finalizer.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/primitives/Booleans.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/thirdparty/publicsuffix/TrieParser.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/primitives/Floats.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/primitives/Ints.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/CharMatcher.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/net/PercentEscaper.java
/opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Joiner.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/hash/ImmutableSupplier.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/ExecutionSequencer.java

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  jar/com/google/common/collection/CompactHashSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/CompactHashMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/CompactLinkedHashSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/ForwardingImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/ForwardingDeque.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/AllEqualOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ForwardingNavigableMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/DescendingMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/DescendingImmutableSortedSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ForwardingImmutableList.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/TreeTraverser.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ForwardingNavigableSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/FilteredSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/FilteredEntryMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/FilteredMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/FilteredKeySetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableEnumMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/AbstractNavigableMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/RangeMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/RegularImmutableAsList.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/SortedMultisetBridge.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/ForwardingBlockingDeque.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/AbstractKeyListMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/CompactLinkedHashMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/AbstractMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/AbstractSortedKeySortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ForwardingBlockingDeque.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/EvictingQueue.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/TreeRangeMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/TransformedIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/UnmodifiableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/ForwardingImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/TransformedListIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/FilteredEntrySetMultimap.java

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  jar/com/google/common/base/CommonPattern.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/base/CommonMatcher.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/base/PatternCompiler.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
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  jar/com/google/common/primitives/UnsignedBytes.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/annotations/GwtCompatible.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/net/InternetDomainName.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/Service.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/io/ByteArrayDataOutput.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/MapMakerInternalMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/RegularImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/DenseImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/annotations/GwtIncompatible.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/SparseImmutableTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/xml/XmlEscapers.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/cache/LocalCache.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/net/HostSpecifier.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/cache/CacheBuilder.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/io/ByteProcessor.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/io/ByteArrayDataInput.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/MapMaker.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/primitives/SignedBytes.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/base/Splitter.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collect/Cut.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/io/LineProcessor.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/base/Platform.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/escape/ArrayBasedCharEscaper.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/util/concurrent/AbstractService.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/escape/Platform.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/escape/Escapers.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/ForwardingFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/cache/ReferenceEntry.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/SortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/SortedMultisets.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/cache/LongAdder.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/cache/Striped64.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/hash/Striped64.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/AtomicDoubleArray.java

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 *
 * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
 * java.util.HashMap class.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/Striped.java

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*/
=*/

* This following method is a modified version of one found in
* http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
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* the License.
*/
/**
* Outer class that exists solely to let us write [@code Partially.GwtIncompatible] instead of plain
* [@code GwtIncompatible]. This is more accurate for [@link Futures#catching], which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use [@code PartiallyGwtIncompatible] because then the GWT compiler wouldn't recognize
* it as a [@code GwtIncompatible] annotation. And for [@code Futures.catching], we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
* version.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/Partially.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/graph/ImmutableNetwork.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/graph/PredecessorsFunction.java
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  jar/com/google/common/collection/RowSortedTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/SortedMapDifference.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/ForwardingSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/ForwardingImmutableCollection.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/AbstractSequentialIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/ForwardingSortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/ForwardingListMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/MinMaxPriorityQueue.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collection/UnmodifiableListIterator.java

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  jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/FluentFuture.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/hash/HashingInputStream.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/CharSequenceReader.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/reflect/TypeVisitor.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Utf8.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/AbstractTable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/VerifyException.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/FilteredMultimapValues.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/Runnables.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/WrappingScheduledExecutorService.java

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*/
/**
* Holder for extra methods of { @code Objects} only in web. Intended to be empty for regular
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*/

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jar/com/google/common/primitives/ImmutableLongArray.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/primitives/ImmutableIntArray.java
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jar/com/google/common/hash/AbstractHashFunction.java
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jar/com/google/common/util/concurrent/ForwardingLock.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/AbstractValueGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/EndpointPair.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/DirectedGraphConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/MutableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/ValueGraphBuilder.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/ImmutableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/ConfigurableMutableNetwork.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/ConfigurableValueGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/GraphConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/EndpointPairIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/MapRetrievalCache.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/DirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collection/LinkedHashMultimapGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/UndirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collection/RangeGwtSerializationDependencies.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/collection/ImmutableMultisetGwtSerializationDependencies.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/ForwardingValueGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/ForwardingGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/AbstractNetwork.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/GraphConstants.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/ConfigurableNetwork.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/MultiEdgesConnecting.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/ConfigurableMutableGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/NetworkConnections.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/ValueGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources.jar/com/google/common/graph/ForwardingNetwork.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/AbstractMapBasedMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Interner.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ForwardingSortedSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ForwardingObject.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Iterables.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/RegularImmutableSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Synchronized.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/NaturalOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ForwardingMapEntry.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/MapDifference.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ArrayListMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ClassToInstanceMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/TreeMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ReverseOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
jar/com/google/common/collect/Iterators.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/ForwardingIterator.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/AbstractMapBasedMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/Multisets.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/Multiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/ForwardingMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/ForwardingSortedMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/AbstractSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/LinkedHashMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/Ordering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/NullsLastOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/SortedSetMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/NullsFirstOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/ExplicitOrdering.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/Lists.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/ForwardingQueue.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/ListMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/LinkedListMultimap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/Multimaps.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/BitMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/AbstractBiMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/EnumHashBiMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
jar/com/google/common/collect/ConcurrentHashMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/guava-28-0-android-sources-
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 * /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ComparisonChain.java
 * /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ImmutableClassToInstanceMap.java
 * /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/RegularImmutableSortedSet.java
 * /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/SingletonImmutableTable.java
 * /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ForwardingTable.java
 * /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/AbstractIndexedListIterator.java
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 */

/**
 * Returns an array containing all of the elements in the specified collection. This method
 * returns the elements in the order they are returned by the collection's iterator. The returned
 * array is "safe" in that no references to it are maintained by the collection. The caller is
 * thus free to modify the returned array.
 *
 * <p>This method assumes that the collection size doesn't change while the method is running.
 *
 * <p>TODO(kevinb): support concurrently modified collections?
 *
 * @param c the collection for which to return an array of elements
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ObjectArrays.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/BaseGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/graph/AbstractBaseGraph.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ObjectCountHashMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ObjectCountLinkedHashMap.java

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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Count.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/GeneralRange.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/AbstractRangeSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/SortedIterables.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/RegularImmutableSortedMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/SortedIterable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/RangeSet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/ForwardingSortedMultiset.java
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  jar/com/google/common/eventbus/AsyncEventBus.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/eventbus/Subscribe.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/io/MultiInputStream.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/io/CharStreams.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/Drawable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/ExecutionList.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/Objects.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collect/EnumMultiset.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collect/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/collect/HashBiMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/base/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/LineBuffer.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/Resources.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/Flushables.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/FinalizableReference.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collection/Interners.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/io/Files.java
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  jar/com/google/common/io/ReaderInputStream.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/AsyncCallable.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/AggregateFutureState.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-
  jar/com/google/common/hash/FarmHashFingerprint64.java
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  jar/com/google/common/collect/ConsumingQueueIterator.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Strings.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Ascii.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/primitives/package-info.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/annotations/Beta.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/SortedLists.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/base/Equivalence.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableCollection.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/RegularImmutableMap.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/Table.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/TreeBasedTable.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/Table.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/Table.java
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* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableMapKeySet.java
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 */
/**
 * Not supported. <b>You are attempting to create a map that may contain a non-Comparable key.</b> Proper calls will resolve to the version in ImmutableSortedMap, not this dummy version.
 * 
 * @throws UnsupportedOperationException always
 * @deprecated <b>Pass a key of type Comparable to use ImmutableSortedMap.of(Comparable, Object).</b>
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1070825299_1594748139.03/0/guava-28-0-android-sources-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java

1.1025 doxia-sink-api 1.0-alpha-4
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* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/resource/ResourceUrlEncodingFilter.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/HandlerMapping.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/handler/HandlerMethodMappingNamingStrategy.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/view/ContentNegotiatingViewResolver.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/view/tiles3/SimpleSpringPreparerFactory.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/config/GroovyMarkupConfigurerBeanDefinitionParser.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/view/tiles3/SimplePreparerFactory.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/config/ResourcesBeanDefinitionParser.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/view/BeanNameViewResolver.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/tags/form/InputTag.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerMapping.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/view/script/ScriptTemplateView.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/resource/GzipResourceResolver.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/tags/ParamTag.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/view/AbstractCachingViewResolver.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/config/annotation/ResourceHandlerRegistry.java
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* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/view/json/AbstractJackson2View.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2.jar/org/springframework/web/servlet/support/AbstractFlashMapManager.java
/**
 * XSLT-driven View that allows for response context to be rendered as the
 * result of an XSLT transformation.
 * 
 * <p>The XSLT Source object is supplied as a parameter in the model and then
 * [APERLINK locateSource detected] during response rendering. Users can either specify
 * a specific entry in the model via the [APERLINK setSourceKey sourceKey] property or
 * have Spring locate the Source object. This class also provides basic conversion
 * of objects into Source implementations. See [APERLINK getSourceTypes] for more details.
 * 
 * <p>All model parameters are passed to the XSLT Transformer as parameters.
 * In addition the user can configure [APERLINK setOutputProperties output properties]
 * to be passed to the Transformer.
 * 
 * @author Rob Harrop
 * @author Juergen Hoeller
 * @since 2.0
 */

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* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/handler/AbstractDetectingUrlHandlerMapping.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/mvc/LastModified.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/handler/SimpleServletHandlerAdapter.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/handler/ConversionServiceExposingInterceptor.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/mvc/RedirectAttributes.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/mvc/SimpleControllerHandlerAdapter.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/tags/form/TagIdGenerator.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/view/tiles3/AbstractSpringPreparerFactory.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/tags/form/RadioButtonsTag.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/view/tiles3/SpringBeanPreparerFactory.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/tags/ParamAware.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/SmartView.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/mvc/AbstractUrlViewController.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/tags/form/OptionWriter.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-jar/org/springframework/web/servlet/mvc/HttpRequestHandlerAdapter.java

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  jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-
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  jar/org/springframework/web/servlet/handler/MatchableHandlerMapping.java
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-
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* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-
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* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-
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* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5.1.6-release-sources-2-
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 * A contract for inspecting and potentially modifying request data values such
 * as URL query parameters or form field values before they are rendered by a
 * view or before a redirect.
 *<p>Implementations may use this contract for example as part of a solution
 * to provide data integrity, confidentiality, protection against cross-site
 * request forgery (CSRF), and others or for other tasks such as automatically
 * adding a hidden field to all forms and URLs.
 *</p>View technologies that support this contract can obtain an instance to
* delegate to via {@link RequestContext#getRequestDataValueProcessor()}.
*<p>@author Rossen Stoyanchev
* @since 3.1
*/

Found in path(s):
* /opt/cola/permits/1136664723_1613850025.72/0/spring-webmvc-5-1-6-release-sources-2-
  jar/org/springframework/web/servlet/support/RequestDataValueProcessor.java

1.1029 libpng 1.2.59
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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation
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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
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modification of the work for the customer's own use and reverse
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directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under
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3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The
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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
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d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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```
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analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
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1.1062 urllib3 1.25.8
1.1062.1 Available under license :
# Contributions to the urllib3 project

## Creator & Maintainer
* Andrey Petrov <andrey.petrov@shazow.net>

## Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRiBZDhBFXQB6/>
  * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
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* georgemarshall <https://github.com/georgemarshall>
  * Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
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* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
* Support for TLS SNI
* API unification of ssl_version/cert_reqs
* SSL fingerprint and alternative hostname verification
* Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
* Disabled TLS compression by default on Python 3.2+
* Disabled TLS compression in pyopenssl contrib module
* Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.
* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
  * App Engine environment tests.
  * Documentation re-write.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
  * Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response
* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when `amt=None`.
  * Added `length_remaining` to determine remaining data to be read.
  * Added `enforce_content_length` to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moinl8@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
* Fix `util.selectors._fileobj_to_fd` to accept `long`.
* Update appveyor tox setup to use the 64bit python.

* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
* Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
* Minor fixes in the test suite

* Will Bond <will@wbond.net>
* Add Python 2.6 support to `contrib.securetransport`

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
* using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
* Improve contribution guide
* Add `HTTPResponse.geturl` method to provide `urllib2.urlopen().geturl()` behavior

* Bruce Merry <https://www.brucemerry.org.za>
* Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
* Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
* Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
* Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
* Remove Authorization header regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
* Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
* Remove a spurious TypeError from the exception chain inside `HTTPConnectionPool._make_request()`, also for `BaseExceptions`.

* [Your name or handle] <[email or website]>
* [Brief summary of your changes]

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1.1064 netty-codec-socks 4.1.34.Final
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1.1069 python-suds 0.4.1 5.el7
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1.1070 txoj 5.9.0.Final

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1.1077 perl 5.16.3 294.el7_6

1.1077.1 Available under license:

From f5488561bdab57380bf07e8e66778503a41aca3 Mon Sep 17 00:00:00 2001
From: Father Chrysostomos <sprout@cpan.org>
Date: Sun, 23 Sep 2012 12:42:15 -0700
Subject: [PATCH] =?UTF-8?q?Don=E2=80=99t=20leak=20if=20hh=20copying=20dies?==
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 8bit

When %^H is copied on entering a new scope, if it happens to have been tied it can die. This was resulting in leaks, because no protections were added to handle that case.

The two things that were leaking were the new hash in hv_copy_hints_hv and the new value (for an element) in newSVsv.

By fixing newSVsv itself, this also fixes any potential leaks when other pieces of code call newSVsv on explosive values.

Petr Pisar: Ported to 5.16.3
---

hv.c | 6 ++++++
nv.c | 7 +++++--
t/op/svleak.t | 22 +++++++++++++++++++++-
3 files changed, 31 insertions(+), 4 deletions(-)

diff --git a/hv.c b/hv.c
index 3c35341..29d6352 100644
--- a/hv.c
+++ b/hv.c
@@ -1440,6 +1440,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
 const I32 riter = HvRITER_get(ohv);
 HE * const eiter = HvEITER_get(ohv);

+ENTER;
+SAVEFREESV(hv);
+
+while (hv_max && hv_max + 1 >= hv_fill * 2)
+    hv_max = hv_max / 2;
HvMAX(hv) = hv_max;
@@ -1461,6 +1464,9 @@ Perl_hv_copy_hints_hv(pTHX_ HV *const ohv)
 }
 HvRITER_set(ohv, riter);
 HvEITER_set(ohv, eiter);
+
+SvREFCNT_inc_simple_void_NN(hv);
+LEAVE;
+
    hv_magic(hv, NULL, PERL_MAGIC_hints);
    return hv;

diff --git a/sv.c b/sv.c
index a43feac..597d71b 100644
--- a/sv.c
+++ b/sv.c
@@ -8764,11 +8764,12 @@ Perl_newSVsv(pTHX_ register SV *const old)
 Perl_ck_warner_d(aTHX_ packWARN(WARN_INTERNAL), "semi-panic: attempt to dup freed string");
 return NULL;
    /* Do this here, otherwise we leak the new SV if this croaks. */
+    SvGETMAGIC(old);
+    new_SV(sv);
-    /* SV_GMAGIC is the default for sv_setv()
-     * SV_NOSTEAL prevents TEMP buffers being, well, stolen, and saves games
+    /* SV_NOSTEAL prevents TEMP buffers being, well, stolen, and saves games
       with SvTEMP_off and SvTEMP_on round a call to sv_setsv. */
-    sv_setsv_flags(sv, old, SV_GMAGIC | SV_NOSTEAL);
+    sv_setsv_flags(sv, old, SV_NOSTEAL);
    return sv;

}
-plan tests => 23;
+plan tests => 24;

# run some code N times. If the number of SVs at the end of loop N is
# greater than (N-1)*delta at the end of loop 1, we've got a leak
@@ -176,3 +176,23 @@ leak(2, 0, sub {
    each %$h;
    undef $h;
}, 'tied hash iteration does not leak');
+
+## [perl #107000]
+package hhtie {
+  sub TIEHASH { bless [] }
+  sub STORE { $_[0][0][$_[1]] = $_[2] }
+  sub FETCH { die if $explosive; $_[0][0][$_[1]] }
+  sub FIRSTKEY { keys %{$_[0][0]}: each %{$_[0][0]} }
+  sub NEXTKEY { each %{$_[0][0]} }
+}
+leak(2,!!$Config{mad}, sub {
+  eval q`
+  BEGIN { $hhtie::explosive = 0;
+    tie %^H, hhtie;
+    $^H{foo} = bar;
+    $hhtie::explosive = 1;
+  }
+  { 1; }
+`; +; 'hint-hash copying does not leak');
--
1.8.1.4

------------------------------------------------------------------------

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

---------------------------------------------

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---

abstract: 'Build and install Perl modules'
author:
  - 'Ken Williams <kwilliams@cpan.org>'
  - "Development questions, bug reports, and patches should be sent to the Module-Build mailing list at <module-build@perl.org>.'
build_requires:
  File::Temp: 0.15
  Test::Harness: 3.16
  Test::More: 0.49
generated_by: 'Module::Build version 0.3608'
license: gpl
meta-spec:
  url: http://module-build.sourceforge.net/META-spec-v1.4.html
  version: 1.4
name: Module-Build
resources:
  MailingList: mailto:module-build@perl.org
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  version: 3
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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

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use strict;
use lib 't/lib';
use MBTest;
use DistGen;

plan 'no_plan';
Ensure any Module::Build modules are loaded from correct directory

```
# Ensure any Module::Build modules are loaded from correct directory
blib_load('Module::Build');
```

Create test distribution

```
# Create test distribution

{  
  my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'perl'
  );

  $dist->regen;
  $dist->chdir_in;

  my $mb = $dist->new_from_context();
  isa_ok( $mb, "Module::Build" );
  is( $mb->license, 'perl',
      "license 'perl' is valid"
  );

  my $meta = $mb->get_metadata( fatal => 0 );

  is( $meta->{license} => 'perl', "META license will be 'perl'" );
  is( $meta->{resources}{license}, "http://dev.perl.org/licenses/",
      "META license URL is correct"
  );
}
```

```
{  
  my $dist = DistGen->new(
    name => 'Simple::Name',
    version => '0.01',
    license => 'VaporWare'
  );

  $dist->regen;
  $dist->chdir_in;

  my $mb = $dist->new_from_context();
  isa_ok( $mb, "Module::Build" );
  is( $mb->license, 'VaporWare',
      "license 'VaporWare' is valid"
  );
```
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1.1078 openssl 1.1.1d

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  jar/org/springframework/expression/spel/ast/OperatorBetween.java
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  jar/org/springframework/expression/spel/ast/Operator.java
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  jar/org/springframework/expression/spel/CompilablePropertyAccessor.java
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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The
former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or
link a “work that uses the Library” with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer’s own use and reverse
engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable “work that
uses the Library”, as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

This part of the FAQ is based on a series of questions we asked the FSF to understand how the GPL works and how patents affects the GPL. These questions were answered by the FSF lawyers, so we view them as the final interpretation on how the GPL and LGPL interact with patents in our opinion. This consultancy was paid for by Fluendo in order to obtain clear and quotable answers. These answers were certified by the FSF lawyer team and verified by FSF lawyer and law professor Eben Moglen.

Can someone distribute the combination of

GStreamer, the LGPL library
MyPlayer, a GPL playback application
The binary-only Sorenson decoder
together in one distribution/operating system? If not, what needs to be changed to make this possible?

This would be a problem, because the GStreamer and MyPlayer licenses would forbid it. In order to link GStreamer to MyPlayer, you need to use section 3 of the LGPL to convert GStreamer to GPL. The GPL version of GStreamer forbids linking to the Sorenson decoder. Anyway, the MyPlayer GPL license forbids this.

If the authors of MyPlayer want to permit this, we have an exception for them: the controlled interface exception from the FAQ. The idea of this is that you can't get around the GPL just by including a LGPL bit in the middle.
Note: MyPlayer is a completely fictitious application at the time of writing.

Suppose Apple wants to write a binary-only proprietary plugin for GStreamer to decode Sorenson video, which will be shipped stand-alone, not part of a package like in the question above. Can Apple distribute this binary-only plugin?

Yes, modulo certain reverse engineering requirements in section 6 of the LGPL.

If a program released under the GPL uses a library that is LGPL, and this library can dlopen plug-ins at runtime, what are the requirements for the license of the plug-in?

You may not distribute the plug-in with the GPL application. Distributing the plug-in alone, with the knowledge that it will be used primarily by GPL software is a bit of an edge case. We will not advise you that it would be safe to do so, but we also will not advise you that it would be absolutely forbidden.
Can someone in a country that does not have software patents distribute code covered by US patents under the GPL to people in, for example, Norway? If he/she visits the US, can he/she be arrested?

<answer>
Yes, he can.
No, there are no criminal penalties for patent infringement in the US.
</answer>

<qandaentry>
<question id="legal-unsafe-countries">
Can someone from the US distribute software covered by US patents under the GPL to people in Norway? To people in the US?
</question>

<answer>
This might infringe some patents, but the GPL would not forbid it absent some actual restriction, such as a court judgement or agreement. The US government is empowered to refuse importation of patent infringing devices, including software.
</answer>

<qandaentry>
<question id="legal-gpl-library-patents">
There are a lot of GPL- or LGPL-licensed libraries that handle media codecs which have patents. Take mad, an mp3 decoding library, as an example. It is licensed under the GPL. In countries where patents are valid, does this invalidate the GPL license for this project?
</question>

<answer>
The mere existence of a patent which might read on the program does not change anything. However, if a court judgement or other agreement prevents you from distributing libmad under GPL terms, you can not distribute it at all.
</answer>
The GPL and LGPL say (sections 7 and 11):
<quote>If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all.</quote>

---

So let's say there is a court judgement. Does this mean that the GPL license is invalid for the project everywhere, or only in the countries where it conflicts with the applicable patents?

---

The GPL operates on a per-action, not per-program basis. That is, if you are in a country which has software patents, and a court tells you that you cannot distribute (say) libmad in source code form, then you cannot distribute libmad at all. This doesn't affect anyone else.

---

Patented decoding can be implemented in GStreamer either by having a binary-only plugin do the decoding, or by writing a plugin (with any applicable license) that links to a binary-only library. Does this affect the licensing issues involved in regards to GPL/LGPL?

---

No.
Is it correct that you cannot distribute the GPL mad library to decode mp3's, *even* in the case where you have obtained a valid license for decoding mp3?

The only GPL-compatible patent licenses are those which are open to all parties possessing copies of GPL software which practices the teachings of the patent.

If you take a license which doesn't allow others to distribute original or modified versions of libmad practicing the same patent claims as the version you distribute, then you may not distribute at all.

---

**1.1091 firewalld 0.6.3-13.el7_9**

**1.1091.1 Available under license:**

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Version 2, June 1991

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your programs, too.

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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you may at your option offer warranty protection in exchange for a fee.

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of it, thus forming a work based on the Program, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices
stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any
part thereof, to be licensed as a whole at no charge to all third
parties under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a
notice that there is no warranty (or else, saying that you provide
a warranty) and that users may redistribute the program under
these conditions, and telling the user how to view a copy of this
License. (Exception: if the Program itself is interactive but
does not normally print such an announcement, your work based on
the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the
operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

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 */
```

**/  

* Creates a new [GeneratorAdapter]. *(i)*Subclasses must not use this  
* constructor<i/>. Instead, they must use the  
* [GeneratorAdapter(int, MethodVisitor, int, String, String)]  
* version.  
*
/**
 * Constructs a new { @link LocalVariableAnnotationNode }. <i>Subclasses must
 */
* not use this constructor. Instead, they must use the
* \{@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)\}
* version.
*
* \@param typeRef
* a reference to the annotated type. See \@link TypeReference\.
* \@param typePath
* the path to the annotated type argument, wildcard bound, array
* element type, or static inner type within 'typeRef'. May be
* \<tt>null</tt> if the annotation targets 'typeRef' as a whole.
* \@param start
* the fist instructions corresponding to the continuous ranges
* that make the scope of this local variable (inclusive).
* \@param end
* the last instructions corresponding to the continuous ranges
* that make the scope of this local variable (exclusive). This
* array must have the same size as the 'start' array.
* \@param index
* the local variable's index in each range. This array must have
* the same size as the 'start' array.
* \@param desc
* the class descriptor of the annotation class.
*/

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* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-
  jar/org/objectweb/asm/tree/FrameNode.java
* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-
  jar/org/objectweb/asm/tree/analysis/Analyzer.java
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  jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-
  jar/org/objectweb/asm/tree/analysis/SourceInterpreter.java
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  jar/org/objectweb/asm/tree/IntInsnNode.java
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  jar/org/objectweb/asm/optimizer/MethodOptimizer.java
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* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-
  jar/org/objectweb/asm/optimizer/shrink-frames.properties
* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-
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  jar/org/objectweb/asm/optimizer/shrink-resize.properties
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*/
/** *
* Constructs a new [@link Textifier]. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the [@link #Textifier(int)]
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* @throws IllegalStateException
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  jar/org/objectweb/asm/TypeReference.java
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*/
/**
 * Creates a new [@link AnalyzerAdapter]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)]
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see [@link Opcodes]).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see [@link Type Type]).
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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/**
 * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {code ClassNode(int)}
 * version.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-jar/org/objectweb.asm.xml/SAXClassAdapter.java
* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-jar/org/objectweb.asm.xml/Processor.java
* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-jar/org/objectweb.asm.xml/SAXAnnotationAdapter.java
* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-jar/org/objectweb.asm.xml/ASMContentHandler.java
* /opt/cola/permits/1137133819_1614022240.4/0/asm-commons-5-0-1-sources-1-jar/org/objectweb.asm.xml/SAXAdapter.java
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jar/org/objectweb/asm/xml/SAXFieldAdapter.java

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* Creates a new JSRInliner. Subclasses must not use this
* constructor. Instead, they must use the
* [&lt;link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])&gt;]
* version.
*
* @param mv
* the &lt;code&gt;MethodVisitor&lt;/code&gt; to send the resulting inlined
* method code to (use &lt;code&gt;null&lt;/code&gt; for none).
* @param access
* the method's access flags (see [&lt;link Opcodes&gt;]). This
* parameter also indicates if the method is synthetic and/or
* deprecated.
* @param name
* the method's name.
* @param desc
* the method's descriptor (see [@link Type]).
* @param signature
* the method's signature. May be <tt>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* { [@link Type#getInternalName() getInternalName()]). May be
* <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6.0-11-final-sources-1.jar/org/hibernate/validator/engine/HibernateConstraintViolation.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6.0-11-final-sources-1.jar/org/hibernate/validator/internal/engine/constraintvalidation/ConstraintValidatorContextImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6.0-11-final-sources-1.jar/org/hibernate/validator/internal/metadata/aggregated/rule/VoidMethodsMustNotBeReturnValueConstrained.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6.0-11-final-sources-1.jar/org/hibernate/validator/internal/metadata/aggregated/rule/ReturnValueMayOnlyBeMarkedOnceAsCascadedPerHierarchyLine.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6.0-11-final-sources-1.jar/org/hibernate/validator/internal/metadata/facets/Validatable.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6.0-11-final-sources-1.jar/org/hibernate/validator/intern
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/constraintvalidators/hv/URLValidator.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/cfg/context/TypeConstraintMappingContextImpl.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/engine/valueextraction/ObjectArrayValueExtractor.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/xml/AbstractStaxBuilder.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/util/ReflectionHelper.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/engine/valueextraction/OptionalIntValueExtractor.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/internal/metadata/location/GetterConstraintLocation.java
* /opt/cola/permits/110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator-internal/configuration/defs/DurationMinDef.java
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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/cfg/context/ConstraintDefinitionContextImpl.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/cfg/defs/ClassDef.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/cfg/defs/NotBlank.java
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1.jar/org/hibernate/validator/cfg/defs/CurrencyDef.java
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 * Hibernate Validator, declare and validate application constraints
 *
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 */

/**
 * A method-level constraint, that evaluates a script expression against the
 * annotated method or constructor. This constraint can be used to implement
 * validation routines that depend on several parameters of the annotated
 * executable.
 */

<pre>
@ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
public void createEvent(Date start, Date end) { ... }
</pre>

The following listing shows an example using the JavaScript engine which
comes with the JDK:

<pre>
[@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
public void createEvent(Date start, Date end) { ... }
]
</pre>

Can be specified on any method or constructor.
Found in path(s):
* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1- jar/org/hibernate/validator/constraints/ParameterScriptAssert.java

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* /opt/cola/permits/1110675269_1606843471.5/0/hibernate-validator-6-0-11-final-sources-1- jar/org/hibernate/validator/internal/util/TypeHelper.java

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* /opt/cola/permits/1000522388_1606843212.39/0/rxjava-2-2-9-sources-jar/io/reactivex/internal/operators/maybe/MaybeDoOnEvent.java
* /opt/cola/permits/1000522388_1606843212.39/0/rxjava-2-2-9-sources-jar/io/reactivex/functions/BiPredicate.java
* /opt/cola/permits/1000522388_1606843212.39/0/rxjava-2-2-9-sources-jar/io/reactivex/functions/Function8.java
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1.1104 typing-extensions 4.0.1

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python’s principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/protocols/ssl/SNISSLEngine.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/protocols/ssl/SNISSLEngineSpi.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/protocols/ssl/SNIAlpnEngineManager.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/protocols/alpn/ALPNEngineManager.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-security/api/AuthenticationMechanismContext.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-security/impl/AbstractSecurityContext.java

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io.undertow.protocols.alpn.JDK8HackAlpnProvider
io.undertow.protocols.alpn.JettyAlpnProvider
io.undertow.protocols.alpn.JDK9AlpnProvider
io.undertow.protocols.alpn.OpenSSLAlpnProvider

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 */

/**
 * Handler responsible for checking of confidentiality is required for the requested resource and if so rejecting the request
 * and redirecting to a secure address.
 *
 */

/**
 * Use the HttpServerExchange supplied to check if this request is already 'sufficiently' confidential.
 * Here we say 'sufficiently' as sub-classes can override this and maybe even go so far as querying the actual SSLSession.
 *
 */

/**
 * Use the HttpServerExchange to identify if confidentiality is required.
 * This method currently returns true for all requests, sub-classes can override this to provide a custom check.
 *
 * TODO: we should deprecate this and just use a predicate to decide to execute the handler instead
 *
 */
* All sub-classes are required to provide an implementation of this method, using the HttpServerExchange for the current request return the address to use for a redirect should confidentiality be required and the request not be confidential.

* @param exchange - The { @link HttpServerExchange} for the request being processed.
* @return The { @link URI} to redirect to.
*/

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* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/server/handlers/proxy/ProxyHandler.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/server/BasicSSLSessionInfo.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/conduits/ChunkedStreamSinkConduit.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/conduits/ConduitFactory.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/protocols/ajp/AbstractAjpFeature.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/protocols/ajp/AbstractAjpServerFeature.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/protocols/ajp/AbstractAjpClientFeature.java
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jar/io/undertow/security/impl/GSSAPIAuthenticationMechanism.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/util/QueryParameterUtils.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/server/protocol/http2/Http2UpgradeHandler.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/attribute/RequestPathAttribute.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/server/protocol/framed/ShutdownFallbackExecutor.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/protocols/http2/HpackEncoder.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/attribute/TransportProtocolAttribute.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/server/handlers/LearningPushHandler.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/websockets/client/WebSocket13ClientHandshake.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/predicate/Predicates.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/server/handlers/encoding/EncodingMapping.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/server/handlers/sse/ServerSentEventHandler.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/server/handlers/proxy/mod_cluster/NodeStatus.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/server/session/Session.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/websockets/core/protocol/version07/WebSocket07TextFrameSourceChannel.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/websockets/core/UTF8Output.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/conduits/InflatingStreamSourceConduit.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/protocols/alpn/JDK9AlpnProvider.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/server/handlers/Cookie.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/protocols/http2/StreamErrorException.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/server/handlers/predicate/MinContentSizePredicate.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/UndertowOptions.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/UndertowLogger.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
ar/io/undertow/util/ETagUtils.java
* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-
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  jar/io/undertow/server/handlers/StuckThreadDetectionHandler.java
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  jar/io/undertow/util/LegacyCookieSupport.java
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io.undertow.protocols.ssl.SNIAlpnEngineManager
io.undertow.protocols.alpn.DefaultAlpnEngineManager

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 */

/**
 * Encodes and decodes to and from Base64 notation.
 */

<p>Homepage: <a href="http://iharder.net/base64">http://iharder.net/base64</a>.</p>

<p>Example:</p>

```java
String encoded = Base64.encode( myByteArray );
byte[] myByteArray = Base64.decode( encoded );
```

<p>The <tt>options</tt> parameter, which appears in a few places, is used to pass several pieces of information to the encoder.</p>

<p>In the "higher level" methods such as <tt>encodeBytes( bytes, options )</tt> the options parameter can be used to indicate such things</p>

<p>as first gzipping the bytes before encoding them, not inserting linefeeds, and encoding using the URL-safe and Ordered</p>

<p>dialects.</p>

<p>Note, according to <a href="http://www.faqs.org/rfcs/rfc3548.html">RFC3548</a>, Section 2.1, implementations should not add
* line feeds unless explicitly told to do so. I've got Base64 set to this behavior now, although earlier versions broke lines
* by default.
* </p>
* 
* <p>
* The constants defined in Base64 can be OR-ed together to combine options, so you might make a call like this:
* </p>
* 
* <code>String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DO_BREAK_LINES );</code>
* </p>
* to compress the data before encoding it and then making the output have newline characters.
* </p>
* </p>
* Also...
* </p>
* <code>String encoded = Base64.encodeBytes( crazyString.getBytes() );</code>
* 
* 
* </p>
* Change Log:
* </p>
* </ul>
* <li>v2.3.7 - Fixed subtle bug when base 64 input stream contained the value 01111111, which is an invalid base 64 character
* but should not throw an ArrayIndexOutOfBoundsException either. Led to discovery of mishandling (or potential for better
* handling) of other bad input characters. You should now get an IOException if you try decoding something that has bad
* characters in it.</li>
* <li>v2.3.6 - Fixed bug when breaking lines and the final byte of the encoded string ended in the last column; the buffer was
* not properly shrunk and contained an extra (null) byte that made it into the string.</li>
* <li>v2.3.5 - Fixed bug in [@link #encodeFromFile] where estimated buffer size was wrong for files of size 31, 34, and 37
* bytes.</li>
* <li>v2.3.4 - Fixed bug when working with gzipped streams whereby flushing the Base64.OutputStream closed the Base64 encoding
* (by padding with equals signs) too soon. Also added an option to suppress the automatic decoding of gzipped streams. Also
* added experimental support for specifying a class loader when using the
* [ @link #decodeToObject(String, int, ClassLoader)] method.</li>
* <li>v2.3.3 - Changed default char encoding to US-ASCII which reduces the internal Java footprint with its CharEncoders and so
* forth. Fixed some javadocs that were inconsistent. Removed imports and specified things like java.io.IOException explicitly
* inline.</li>
v2.3.2 - Reduced memory footprint! Finally refined the "guessing" of how big the final encoded data will be so that the code doesn't have to create two output arrays: an oversized initial one and then a final, exact-sized one. Big win when using the [...]

v2.3.1 - Added and some similar helper methods to be more efficient with memory by not returning a String but just a byte array.

v2.3 - This is not a drop-in replacement! This is two years of comments and bug fixes queued up and finally executed. Thanks to everyone who sent me stuff, and I'm sorry I wasn't able to distribute your fixes to everyone else. Much bad coding was cleaned up including throwing exceptions where necessary instead of returning null values or something similar. Here are some changes that may affect you:

* Does not break lines, by default. This is to keep in compliance with
* Throwing exceptions instead of returning null values. Because some operations (especially those that may permit the GZIP option) use IO streams, there is a possibility of an java.io.IOException being thrown. After some discussion and thought, I've changed the behavior of the methods to throw java.io.IOExceptions rather than return null if ever there's an error. I think this is more appropriate, though it will require some changes to your code. Sorry, it should have been done this way to begin with.

* Removed all references to System.out, System.err, and the like. Shame on me. All I can say is sorry they were ever there.

* Throws NullPointerExceptions and IllegalArgumentExceptions as needed such as when passed arrays are null or offsets are invalid.

* Cleaned up as much javadoc as I could to avoid any javadoc warnings. This was especially annoying before for people who were thorough in their own projects and then had gobs of javadoc warnings on this file.

v2.2.1 - Fixed bug using URL_SAFE and ORDERED encodings. Fixed bug when using very small files (~< 40 bytes).

v2.2 - Added some helper methods for encoding/decoding directly from one file to the next. Also added a main() method to support command line encoding/decoding from one file to the next. Also added these Base64 dialects:

* The default is RFC3548 format.

* Calling Base64.setFormat(Base64.BASE64_FORMAT.URLSAFE_FORMAT) generates URL and file name friendly format as described in
* \(<li\>) Calling Base64.setFormat(Base64.BASE64_FORMAT.ORDERED_FORMAT) generates URL and file name friendly format that preserves lexical ordering as described in http://www.faqs.org/qa/rfcc-1940.html
* \(</ol\>
* \(<li\>) v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading and writing to and from files.
* \(<li\>) v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).
* \(<li\>) v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.
* \(<li\>) v2.0 - I got rid of methods that used booleans to set options. Now everything is more consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed and will decompress it automatically. Generally things are cleaner. You'll probably have to change some method calls that you were making to support the new options format.
* \(<tt\>) int\(</tt\>) s that you "OR" together.
* \(<li\>) v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using \(<tt\>) decode( String s, boolean gzipCompressed )\(</tt\>.
* \(<li\>) v1.5 - Output stream passes on flush() command but doesn't do anything itself. This helps when using GZIP streams. Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).
* \(<li\>) v1.4 - Added helper methods to read/write files.
* \(<li\>) v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
* \(<li\>) v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.
* \(<li\>) v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
* \(<li\>) v1.3.3 - Fixed I/O streams which were totally messed up.
* \(</ul\>
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* \(<p\>)
* \(<li\>) @author Robert Harder
* \(<li\>) @author rob@iharder.net
* @version 2.3.7
*/

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* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/server/handlers/proxy/mod_cluster/ModClusterProxyTarget.java
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*/
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 * Returns an array containing all of the elements in this deque, in
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 *
 * <p>The returned array will be "safe" in that no references to it are
 * maintained by this deque. (In other words, this method must allocate
 * a new array). The caller is thus free to modify the returned array.
 *
 * <p>This method acts as bridge between array-based and collection-based
 * APIs.
 *
 * @return an array containing all of the elements in this deque
 */

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* /opt/cola/permits/1261933147_1643332049.16/0/undertow-core-2-0-13-final-sources-jar/io/undertow/util/PortableConcurrentDirectDeque.java
1.1107.1 lz4 1.7.6

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1.1113 resteasy-json-binding-provider

3.6.1.Final

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1.1114 pcre 8.32 17.el7

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 */
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

    /**
     * Indicates that this permission has been allocated by default.
     * Authorization View handlers may use this property in order to restrict
     * the list of scopes which may be refused to non-default scopes only
     * @param isDefault
     */
    public void setDefault(boolean value) {
        this.isDefault = value;
    }

    public boolean isDefault() {
        return isDefault;
    }
}
return isDefault;
}
}
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import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
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 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

}
int copyFrom(InputStream in) throws IOException;

}

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Note: Tuples cannot be directly destructured in method or function parameters.
   Either create a single parameter accepting the Tuple2,
   or consider a pattern matching anonymous function: `\{ case (a, b) => ... \}
   val x: ((Int, Int) => Int) = ((a, b)) => a
   ^

not-a-legal-formal-parameter-tuple.scala:3: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.
   Either create a single parameter accepting the Tuple2,
   or consider a pattern matching anonymous function: `\{ case (param1, param2) => ... \}
   val y: ((Int, Int, Int) => Int) = ((a, !!)) => a
   ^

not-a-legal-formal-parameter-tuple.scala:4: error: not a legal formal parameter.
Note: Tuples cannot be directly destructured in method or function parameters.
   Either create a single parameter accepting the Tuple3,
   or consider a pattern matching anonymous function: `\{ case (param1, ..., param3) => ... \}
   val z: ((Int, Int, Int) => Int) = ((a, NotAPatternVariableName, c)) => a
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1.1143 jackson-dataformat-yaml 2.8.11

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### 1.1144 springfox-spi 2.9.2

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* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/RequestMappingContext.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/ParameterExpansionContext.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/contexts/ModelContext.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/ParameterContext.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/OperationModelContextsBuilder.java

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* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/OperationContext.java
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* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/service/PathDecorator.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/ApiListingBuilderPlugin.java
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* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/TypeNameProviderPlugin.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/service/contexts/DocumentationContext.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/service/PathAdjuster.java
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* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/AlternateTypeProvider.java
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* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/SecurityContext.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/contexts/SecurityContextBuilder.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/ResourceGroupingStrategy.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/GenericTypeNamingStrategy.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/ModelPropertyBuilderPlugin.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/schema/contexts/ModelPropertyContext.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/DefaultsProviderPlugin.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/DocumentationPlugin.java
* /opt/cola/permits/1177939641_1625570672.78/0/springfox-spi-2-9-2-sources-3-jar/springfox/documentation/spi/service/RequestHandlerProvider.java

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1.1145 wildfly-elytron-mechanism-digest
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1.1146 connect-file 2.4.1

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1.1152 llvm 7.0.1-1.el7
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; NOTE: Assertions have been autogenerated by utils/update_ltc_test_checks.py
; RUN: llc < %s -mtriple=aarch64-- | FileCheck %s

; A shuffle mask with all undef elements is always legal.

define <4 x i32> @PR41535(<2 x i32> %p1, <2 x i32> %p2) {
; CHECK-LABEL: PR41535:
; CHECK:       // %bb.0:
; CHECK-NEXT:    ext v0.8b, v0.8b, v1.8b, #4
; CHECK-NEXT:    mov v0.d[1], v0.d[0]
; CHECK-NEXT:    ret
%cat1 = shufflevector <2 x i32> %p1, <2 x i32> undef, <4 x i32> <i32 undef, i32 1, i32 undef, i32 undef>
%cat2 = shufflevector <2 x i32> %p2, <2 x i32> undef, <4 x i32> <i32 0, i32 undef, i32 undef, i32 undef>
%r = shufflevector <4 x i32> %cat1, <4 x i32> %cat2, <4 x i32> <i32 undef, i32 undef, i32 1, i32 4>
ret <4 x i32> %r
}
; RUN: llc < %s -mtriple=s390x-linux-gnu -mcpu=zEC12 -verify-machineinstrs | FileCheck %s

; Test that early if conversion produces LOCR with operands of the right
; register classes.

define void @autogen_SD4739(i8*) {
; CHECK-NOT: Expected a GR32Bit register, but got a GRX32Bit register
BB:
%L34 = load i8, i8* %0
%Cmp56 = icmp sgt i8 undef, %L34
br label %CF246
CF246:
; preds = %CF246, %BB
%sl163 = select i1 %cmp56, i8 %l34, i8 undef
br i1 undef, label %cf246, label %cf248

CF248: ; preds = %cf248, %cf246
    store i8 %sl163, i8* %0
    br label %cf248
}

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; NOTE: Assertions have been autogenerated by utils/update_analyze_test_checks.py
; RUN: opt < %s  -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx2 | FileCheck %s --check-prefixes=CHECK,VEC256,AVX
; RUN: opt < %s  -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx512vl,+avx512bw,+avx512dq,+prefer-256-bit | FileCheck %s --check-prefixes=CHECK,VEC256,SKX256
; RUN: opt < %s  -cost-model -analyze -mtriple=x86_64-apple-macosx10.8.0 -mattr=+avx512vl,+avx512bw,+avx512dq,-prefer-256-bit | FileCheck %s --check-prefixes=CHECK,VEC512

define void @zext256() "min-legal-vector-width"="256" { ;
    ;VEC256-LABEL: 'zext256'
    ;VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = zext <8 x i16> undef to <8 x i64>
    ;VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %B = zext <8 x i32> undef to <8 x i64>
    ;VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = zext <16 x i8> undef to <16 x i32>
    ;VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = zext <16 x i16> undef to <16 x i32>
    ;VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to <32 x i16>
    ;VEC256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void

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define void @zext512() "min-legal-vector-width"="512" {  
    AVX-LABEL: 'zext512'
    AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = zext <8 x i16> undef to <8 x i64>
    AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %B = zext <8 x i32> undef to <8 x i64>
    AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %C = zext <16 x i8> undef to <16 x i32>
    AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = zext <16 x i16> undef to <16 x i32>
    AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %E = zext <32 x i8> undef to <32 x i16>
    AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
    
    %A = zext <8 x i16> undef to <8 x i64>
    %B = zext <8 x i32> undef to <8 x i64>
    %C = zext <16 x i8> undef to <16 x i32>
    %D = zext <16 x i16> undef to <16 x i32>
    %E = zext <32 x i8> undef to <32 x i16>
    ret void
}
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = zext <8 x i32> undef to <8 x i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = zext <16 x i8> undef to <16 x i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = zext <16 x i16> undef to <16 x i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = zext <32 x i8> undef to <32 x i16>
; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
%A = zext <8 x i16> undef to <8 x i64>
%B = zext <8 x i32> undef to <8 x i64>
%C = zext <16 x i8> undef to <16 x i32>
%D = zext <16 x i16> undef to <16 x i32>
%E = zext <32 x i8> undef to <32 x i16>
ret void

define void @sext256() "min-legal-vector-width=""256" {
; VEC256-LABEL: 'sext256'
; VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; VEC256-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
; VEC256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
; VEC512-LABEL: 'sext256'
; VEC512-NEXT: Cost Model: Found an estimated cost of 24 for instruction: %A = sext <8 x i8> undef to <8 x i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x i64>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x i16>
; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
;
define void sext512() "min-legal-vector-width"="512" {
  ; AVX-LABEL: 'sext512'
  ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %A = sext <8 x i8> undef to <8 x i64>
  ; AVX-NEXT: Cost Model: Found an estimated cost of 7 for instruction: %B = sext <8 x i16> undef to <8 x i64>
  ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %C = sext <8 x i32> undef to <8 x i64>
  ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %D = sext <16 x i8> undef to <16 x i32>
  ; AVX-NEXT: Cost Model: Found an estimated cost of 4 for instruction: %E = sext <16 x i16> undef to <16 x i32>
  ; AVX-NEXT: Cost Model: Found an estimated cost of 3 for instruction: %F = sext <32 x i8> undef to <32 x i16>
  ; AVX-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void

  ; SKX256-LABEL: 'sext512'
  ; SKX256-NEXT: Cost Model: Found an estimated cost of 24 for instruction: %A = sext <8 x i8> undef to <8 x i64>
  ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x i64>
  ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x i64>
  ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
  ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
  ; SKX256-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x i16>
  ; SKX256-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void

  ; VEC512-LABEL: 'sext512'
  ; VEC512-NEXT: Cost Model: Found an estimated cost of 24 for instruction: %A = sext <8 x i8> undef to <8 x i64>
  ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %B = sext <8 x i16> undef to <8 x i64>
  ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %C = sext <8 x i32> undef to <8 x i64>
  ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %D = sext <16 x i8> undef to <16 x i32>
  ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %E = sext <16 x i16> undef to <16 x i32>
  ; VEC512-NEXT: Cost Model: Found an estimated cost of 1 for instruction: %F = sext <32 x i8> undef to <32 x i16>
  ; VEC512-NEXT: Cost Model: Found an estimated cost of 0 for instruction: ret void
%A = sext <8 x i8> undef to <8 x i64>
%B = sext <8 x i16> undef to <8 x i64>
%C = sext <8 x i32> undef to <8 x i64>
%D = sext <16 x i8> undef to <16 x i32>
%E = sext <16 x i16> undef to <16 x i32>
%F = sext <32 x i8> undef to <32 x i16>
ret void
}
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; RUN: ltc -march=hexagon < %s
; REQUIRES: asserts

; The two loads based on %struct.0, loading two different data types
; cause LSR to assume type "void" for the memory type. This would then
; cause an assert in isLegalAddressingMode. Make sure we no longer crash.

target triple = "hexagon"

%struct.0 = type { i8*, i8, %union.anon.0 }
%union.anon.0 = type { i8* }

define hidden fastcc void @fred() unnamed_addr #0 {
  entry:
  br i1 undef, label %while.end, label %while.body.lr.ph

while.body.lr.ph:
  ; preds = %entry
  br label %while.body

while.body:
  ; preds = %exit.2, %while.body.lr.ph
  %lsr.iv = phi %struct.0* [ %cgep22, %exit.2 ], [ undef, %while.body.lr.ph ]
  switch i32 undef, label %exit [
    i32 1, label %sw.bb.i
    i32 2, label %sw.bb3.i
  ]

sw.bb.i:
  ; preds = %while.body
  unreachable

sw.bb3.i:
  ; preds = %while.body
  unreachable

exit:   ; preds = %while.body
  switch i32 undef, label %exit.2 [
    i32 1, label %sw.bb.i17
    i32 2, label %sw.bb3.i20
  ]

sw.bb.i17:
  ; preds = %exit
  %0 = bitcast %struct.0* %lsr.iv to i32*
  %1 = load i32, i32* %0, align 4
  unreachable

sw.bb3.i20:
  ; preds = %exit
  %2 = bitcast %struct.0* %lsr.iv to i8**
  %3 = load i8*, i8** %2, align 4
  unreachable
exit.2: ; preds = %exit
%cegp22 = getelementptr %struct.0, %struct.0* %lsr.iv, i32 1
br label %while.body

while.end: ; preds = %entry
  ret void
}

attributes #0 = { nounwind optsize "target-cpu"="hexagonv55" }
; RUN: llc -mtriple=aarch64-apple-ios %s -o - | FileCheck %s
define <16 x double> @test_sitofp_fixed(<16 x i32> %in) {
  ; CHECK-LABEL: test_sitofp_fixed:
  ; First, extend each i32 to i64
  ; CHECK-DAG: sshll2.2d [[BLOCK0_HI:v[0-9]+]], v0, #0
  ; CHECK-DAG: sshll2.2d [[BLOCK1_HI:v[0-9]+]], v1, #0
  ; CHECK-DAG: sshll2.2d [[BLOCK2_HI:v[0-9]+]], v2, #0
  ; CHECK-DAG: sshll2.2d [[BLOCK3_HI:v[0-9]+]], v3, #0
  ; Next, convert each to double.
  ; CHECK-DAG: scvtf.2d v0, [[BLOCK0_LO]]
  ; CHECK-DAG: scvtf.2d v1, [[BLOCK0_HI]]
  ; CHECK-DAG: scvtf.2d v2, [[BLOCK1_LO]]
  ; CHECK-DAG: scvtf.2d v3, [[BLOCK1_HI]]
  ; CHECK-DAG: scvtf.2d v4, [[BLOCK2_LO]]
  ; CHECK-DAG: scvtf.2d v5, [[BLOCK2_HI]]
  ; CHECK-DAG: scvtf.2d v6, [[BLOCK3_LO]]
  ; CHECK-DAG: scvtf.2d v7, [[BLOCK3_HI]]
  ; CHECK: ret
  %flt = sitofp <16 x i32> %in to <16 x double>
  %res = fdiv <16 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0, double 64.0>
  ret <16 x double> %res
}

; This one is small enough to satisfy isSimple, but still illegally large.
define <4 x double> @test_sitofp_fixed_shortish(<4 x i64> %in) {
  ; CHECK-LABEL: test_sitofp_fixed_shortish:
  ; CHECK-DAG: scvtf.2d v0, v0
  ; CHECK-DAG: scvtf.2d v1, v1
}
; CHECK: ret
%flt = sitofp <4 x i64> %in to <4 x double>
%res = fdiv <4 x double> %flt, <double 64.0, double 64.0, double 64.0, double 64.0>
ret <4 x double> %res
}
; RUN: opt %s -inline -S | FileCheck %s

define internal void @innerSmall() "min-legal-vector-width"="128" {
  ret void
}

define internal void @innerLarge() "min-legal-vector-width"="512" {
  ret void
}

define internal void @innerNoAttribute() {
  ret void
}

; We should not add an attribute during inlining. No attribute means unknown.
; Inlining doesn't change the fact that we don't know anything about this
; function.
define void @outerNoAttribute() {
  call void @innerLarge()
  ret void
}

define void @outerConflictingAttributeSmall() "min-legal-vector-width"="128" {
  call void @innerLarge()
  ret void
}

define void @outerConflictingAttributeLarge() "min-legal-vector-width"="512" {
  call void @innerSmall()
  ret void
}

; We should remove the attribute after inlining since the callee's
; vector width requirements are unknown.
define void @outerAttribute() "min-legal-vector-width"="128" {
  call void @innerNoAttribute()
  ret void
}

; CHECK: define void @outerNoAttribute()
; CHECK: define void @outerConflictingAttributeSmall() #0
; CHECK: define void @outerConflictingAttributeLarge() #0
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; RUN: opt -consthoist -S -o - %s | FileCheck %s
target triple = "thumbv6m-none--musleabi"

; Check that for i8 type, the maximum legal offset is 31.
; Also check that an constant used as value to be stored rather than
; pointer in a store instruction is hoisted.
; CHECK: foo_i8
; CHECK-DAG: %[[C1:const[0-9]?]] = bitcast i32 805874720 to i32
; CHECK-DAG: %[[C2:const[0-9]?]] = bitcast i32 805874688 to i32
; CHECK-DAG: %[[C3:const[0-9]?]] = bitcast i32 805873720 to i32
; CHECK-DAG: %[[C4:const[0-9]?]] = bitcast i32 805873688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i8*
; CHECK-NEXT: %1 = load volatile i8, i8* %0
; CHECK-NEXT: %[[M1:const_mat[0-9]?]] = add i32 %[[C2]], 4
; CHECK-NEXT: %2 = inttoptr i32 %[[M1]] to i8*
; CHECK-NEXT: %3 = load volatile i8, i8* %2
; CHECK-NEXT: %[[M2:const_mat[0-9]?]] = add i32 %[[C2]], 31
define void @foo_i8() {
  entry:
  %0 = load volatile i8, i8* inttopr (i32 805874688 to i8*)
  %1 = load volatile i8, i8* inttopr (i32 805874692 to i8*)
  %2 = load volatile i8, i8* inttopr (i32 805874719 to i8*)
  %3 = load volatile i8, i8* inttopr (i32 805874720 to i8*)
  %4 = load volatile i8, i8* inttopr (i32 805874727 to i8*)
  store i8 %4, i8* inttopr(i32 805873688 to i8*)
  store i8 %3, i8* inttopr(i32 805873719 to i8*)
  store i8 %2, i8* inttopr(i32 805873720 to i8*)
  store i8 %1, i8* inttopr(i32 805873727 to i8*)
  store i8* inttopr(i32 805874800 to i8*), i8** @goo
  ret void
}

define void @foo_i16() {
  entry:
  %0 = load volatile i16, i16* inttopr (i32 805874752 to i16*)
  %1 = load volatile i16, i16* inttopr (i32 805874692 to i16*)
  %2 = load volatile i16, i16* inttopr (i32 805874719 to i16*)
  %3 = load volatile i16, i16* inttopr (i32 805874720 to i16*)
  %4 = load volatile i16, i16* inttopr (i32 805874727 to i16*)
  store i16 %4, i16* inttopr(i32 805873688 to i16*)
  store i16 %3, i16* inttopr(i32 805873719 to i16*)
  store i16 %2, i16* inttopr(i32 805873720 to i16*)
  store i16 %1, i16* inttopr(i32 805873727 to i16*)
  store i16* inttopr(i32 805874800 to i16*), i16** @goo
  ret void
}
; CHECK-NEXT: %4 = inttoptr i32 %[[M2]] to i16*
; CHECK-NEXT: %5 = load volatile i16, i16* %4, align 2
; CHECK-NEXT: %[[M3:const_mat[0-9]??]] = add i32 %[[C2]], 62
; CHECK-NEXT: %6 = inttoptr i32 %[[M3]] to i16*
; CHECK-NEXT: %7 = load volatile i16, i16* %6, align 2
; CHECK-NEXT: %8 = inttoptr i32 %[[C1]] to i16*
; CHECK-NEXT: %9 = load volatile i16, i16* %8, align 2
; CHECK-NEXT: %[[M4:const_mat[0-9]??]] = add i32 %[[C1]], 22
; CHECK-NEXT: %10 = inttoptr i32 %[[M4]] to i16*
; CHECK-NEXT: %11 = load volatile i16, i16* %10, align 2

define void @foo_i16() {
  entry:
  %0 = load volatile i16, i16* inttoptr (i32 805874688 to i16*), align 2
  %1 = load volatile i16, i16* inttoptr (i32 805874692 to i16*), align 2
  %2 = load volatile i16, i16* inttoptr (i32 805874720 to i16*), align 2
  %3 = load volatile i16, i16* inttoptr (i32 805874750 to i16*), align 2
  %4 = load volatile i16, i16* inttoptr (i32 805874752 to i16*), align 2
  %5 = load volatile i16, i16* inttoptr (i32 805874774 to i16*), align 2
  ret void
}

; Check that for i32 type, the maximum legal offset is 124.
; CHECK: foo_i32
; CHECK-DAG: %[[C1:const[0-9]??]] = bitcast i32 805874816 to i32
; CHECK-DAG: %[[C2:const[0-9]??]] = bitcast i32 805874688 to i32
; CHECK: %0 = inttoptr i32 %[[C2]] to i32*
; CHECK-NEXT: %1 = load volatile i32, i32* %0, align 4
; CHECK-NEXT: %[[M1:const_mat[0-9]??]] = add i32 %[[C2]], 4
; CHECK-NEXT: %2 = inttoptr i32 %[[M1]] to i32*
; CHECK-NEXT: %3 = load volatile i32, i32* %2, align 4
; CHECK-NEXT: %[[M2:const_mat[0-9]??]] = add i32 %[[C2]], 124
; CHECK-NEXT: %4 = inttoptr i32 %[[M2]] to i32*
; CHECK-NEXT: %5 = load volatile i32, i32* %4, align 4
; CHECK-NEXT: %6 = inttoptr i32 %[[C1]] to i32*
; CHECK-NEXT: %7 = load volatile i32, i32* %6, align 4
; CHECK-NEXT: %[[M3:const_mat[0-9]??]] = add i32 %[[C1]], 8
; CHECK-NEXT: %8 = inttoptr i32 %[[M3]] to i32*
; CHECK-NEXT: %9 = load volatile i32, i32* %8, align 4
; CHECK-NEXT: %[[M4:const_mat[0-9]??]] = add i32 %[[C1]], 12
; CHECK-NEXT: %10 = inttoptr i32 %[[M4]] to i32*
; CHECK-NEXT: %11 = load volatile i32, i32* %10, align 4

define void @foo_i32() {
  entry:
  %0 = load volatile i32, i32* inttoptr (i32 805874688 to i32*), align 4
  %1 = load volatile i32, i32* inttoptr (i32 805874692 to i32*), align 4
  %2 = load volatile i32, i32* inttoptr (i32 805874720 to i32*), align 4
  %3 = load volatile i32, i32* inttoptr (i32 805874750 to i32*), align 4
  %4 = load volatile i32, i32* inttoptr (i32 805874752 to i32*), align 4
  ret void
}
%3 = load volatile i32, i32* inttoptr (i32 805874816 to i32*), align 4
%4 = load volatile i32, i32* inttoptr (i32 805874824 to i32*), align 4
%5 = load volatile i32, i32* inttoptr (i32 805874828 to i32*), align 4
ret void
}

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; NOTE: Assertions have been autogenerated by utils/update_llc_test_checks.py
; RUN: llc < %s -mtriple=x86_64-unknown-unknown -mattr=avx512vl,avx512bw,avx512dq,prefer-256-bit |
FileCheck %s

; This file primarily contains tests for specific places in X86ISelLowering.cpp that needed be made aware of the
legalizer not allowing 512-bit vectors due to prefer-256-bit even though AVX512 is enabled.

define void @add256(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="256" {
 ; CHECK-LABEL: add256:
 ; CHECK:       # %bb.0:
 ; CHECK-NEXT:  vmovdqa (%rdi), %ymm0
 ; CHECK-NEXT:  vmovdqa 32(%rdi), %ymm1
 ; CHECK-NEXT:  vpadd 32(%rsi), %ymm0, %ymm1
 ; CHECK-NEXT:  vpadd (%rsi), %ymm0, %ymm0
 ; CHECK-NEXT:  vmovdqa %ymm0, (%rdx)
 ; CHECK-NEXT:  vmovdqa %ymm1, 32(%rdx)
 ; CHECK-NEXT:  vzeroupper
 ; CHECK-NEXT:  retq
   %d = load <16 x i32>, <16 x i32>* %a
   %e = load <16 x i32>, <16 x i32>* %b
   %f = add <16 x i32> %d, %e
   store <16 x i32> %f, <16 x i32>* %c
ret void
}

define void @add512(<16 x i32>* %a, <16 x i32>* %b, <16 x i32>* %c) "min-legal-vector-width"="512" {
define void @avg_v64i8_256(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="256" {
    %d = load <16 x i32>, <16 x i32>* %a
    %e = load <16 x i32>, <16 x i32>* %b
    %f = add <16 x i32> %d, %e
    store <16 x i32> %f, <16 x i32>* %c
    ret void
}

define void @avg_v64i8_512(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="512" {
    %1 = load <64 x i8>, <64 x i8>* %a
    %2 = load <64 x i8>, <64 x i8>* %b
    %3 = zext <64 x i8> %1 to <64 x i32>
    %4 = add nuw nsw <64 x i32> %3, %2
    %5 = lshr <64 x i32> %4, %2 to <64 x i32>
    %6 = add nuw nsw <64 x i32> %5, %4
    %7 = lshr <64 x i32> %6, %5 to <64 x i32>
    store <64 x i8> %7, <64 x i8>* undef, align 4
    ret void
}

define void @avg_v64i8_512(<64 x i8>* %a, <64 x i8>* %b) "min-legal-vector-width"="512" {
    %d = load <16 x i32>, <16 x i32>* %a
    %e = load <16 x i32>, <16 x i32>* %b
    %f = add <16 x i32> %d, %e
    store <16 x i32> %f, <16 x i32>* %c
    ret void
}
define void @pmaddwd_32_256(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-width"="256" {

; CHECK-LABEL: pmaddwd_32_256:
; CHECK: # %bb.0:
; CHECK-NEXT: vmovdqa (%rdi), %ymm0
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT: vminvdwq 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT: vminvdwq (%rsi), %ymm0, %ymm0
; CHECK-NEXT: vmovdqa %ymm0, (%rdx)
; CHECK-NEXT: vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq

; %A = load <32 x i16>, <32 x i16>* %APtr
; %B = load <32 x i16>, <32 x i16>* %BPtr
; %a = sext <32 x i16> %A to <32 x i32>
; %b = sext <32 x i16> %B to <32 x i32>
; %m = mul nsw <32 x i32> %a, %b
; %odd = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 0, i32 2, i32 4, i32 6, i32 8, i32 10, i32 12, i32 14, i32 16, i32 18, i32 20, i32 22, i32 24, i32 26, i32 28, i32 30>
; %even = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 1, i32 3, i32 5, i32 7, i32 9, i32 11, i32 13, i32 15, i32 17, i32 19, i32 21, i32 23, i32 25, i32 27, i32 29, i32 31>
; %ret = add <16 x i32> %odd, %even
store <16 x i32> %ret, <16 x i32>* %CPtr
ret void

}
define void @pmaddwd_32_512(<32 x i16>* %APtr, <32 x i16>* %BPtr, <16 x i32>* %CPtr) "min-legal-vector-width"="512" {
; CHECK-LABEL: pmaddwd_32_512:
; CHECK: 
; CHECK-NEXT: vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT: vpmaddwd (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
    %A = load <32 x i16>, <32 x i16>* %APtr
    %B = load <32 x i16>, <32 x i16>* %BPtr
    %a = sext <32 x i16> %A to <32 x i32>
    %b = sext <32 x i16> %B to <32 x i32>
    %m = mul nsw <32 x i32> %a, %b
    %odd = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 0, i32 2, i32 4, i32 6, i32 8, i32 10, i32 12, i32 14, i32 16, i32 18, i32 20, i32 22, i32 24, i32 26, i32 28, i32 30>
    %even = shufflevector <32 x i32> %m, <32 x i32> undef, <16 x i32> <i32 1, i32 3, i32 5, i32 7, i32 9, i32 11, i32 13, i32 15, i32 17, i32 19, i32 21, i32 23, i32 25, i32 27, i32 29, i32 31>
    %ret = add <16 x i32> %odd, %even
    store <16 x i32> %ret, <16 x i32>* %CPtr
ret void
}

define void @psubus_64i8_max_256(<64 x i8>* %xptr, <64 x i8>* %yptr, <64 x i8>* %zptr) "min-legal-vector-width"="256" {
; CHECK-LABEL: psubus_64i8_max_256:
; CHECK: 
; CHECK-NEXT: vmovdqa (%rdi), %ymm0
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT: vpsubusb 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT: vpsubusb (%rsi), %ymm0, %ymm0
; CHECK-NEXT: vmovdqa %ymm0, (%rdx)
; CHECK-NEXT: vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
    %x = load <64 x i8>, <64 x i8>* %xptr
    %y = load <64 x i8>, <64 x i8>* %yptr
    %cmp = icmp ult <64 x i8> %x, %y
    %max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
    %res = sub <64 x i8> %max, %y
    store <64 x i8> %res, <64 x i8>* %zptr
ret void
}

define void @psubus_64i8_max_512(<64 x i8>* %xptr, <64 x i8>* %yptr, <64 x i8>* %zptr) "min-legal-vector-width"="512" {
; CHECK-LABEL: psubus_64i8_max_512:
; CHECK: 
; CHECK-NEXT: vmovdqa (%rdi), %ymm0
; CHECK-NEXT: vmovdqa 32(%rdi), %ymm1
; CHECK-NEXT: vpsubusb 32(%rsi), %ymm1, %ymm1
; CHECK-NEXT: vpsubusb (%rsi), %ymm0, %ymm0
; CHECK-NEXT: vmovdqa %ymm0, (%rdx)
; CHECK-NEXT: vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT: vzeroupper
; CHECK-NEXT: retq
    %x = load <64 x i8>, <64 x i8>* %xptr
    %y = load <64 x i8>, <64 x i8>* %yptr
    %cmp = icmp ult <64 x i8> %x, %y
    %max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
    %res = sub <64 x i8> %max, %y
    store <64 x i8> %res, <64 x i8>* %zptr
ret void
}

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; CHECK-NEXT: vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT: vpsubusb (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vmovdqa64 %zmm0, (%rdx)
; CHECK-NEXT: retq

%x = load <64 x i8>, <64 x i8>* %xptr
%y = load <64 x i8>, <64 x i8>* %yptr
%cmp = icmp ult <64 x i8> %x, %y
%max = select <64 x i1> %cmp, <64 x i8> %y, <64 x i8> %x
%res = sub <64 x i8> %max, %y
store <64 x i8> %res, <64 x i8>* %zptr

ret void
}

define i32 @_Z9test_charPcS_i_256(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-width"="256" {
; CHECK-LABEL: _Z9test_charPcS_i_256:
; CHECK:    # %bb.0: # %entry
; CHECK-NEXT: movl %edx, %eax
; CHECK-NEXT: vpxor %xmm0, %xmm0, %xmm0
; CHECK-NEXT: xorl %ecx, %ecx
; CHECK-NEXT: vpxor %xmm1, %xmm1, %xmm1
; CHECK-NEXT: vpxor %xmm2, %xmm2, %xmm2
; CHECK-NEXT: .p2align 4, 0x90
; CHECK-NEXT: .LBB8_1: # %vector.body
; CHECK-NEXT: # =>This Inner Loop Header: Depth=1
; CHECK-NEXT: vpmovsxbw (%rdi,%rcx), %ymm3
; CHECK-NEXT: vpmovsxbw 16(%rdi,%rcx), %ymm4
; CHECK-NEXT: vpmovsxbw (%rsi,%rcx), %ymm5
; CHECK-NEXT: vpmaddwd %ymm3, %ymm5, %ymm3
; CHECK-NEXT: vpaddd %ymm1, %ymm3, %ymm1
; CHECK-NEXT: vpmaddwd %ymm4, %ymm3, %ymm3
; CHECK-NEXT: vpaddd %ymm2, %ymm2, %ymm2
; CHECK-NEXT: addq $32, %rcx
; CHECK-NEXT: cmpq %rcx, %rax
; CHECK-NEXT: jne .LBB8_1
; CHECK-NEXT: # %bb.2: # %middle.block
; CHECK-NEXT: vpaddd %ymm0, %ymm1, %ymm1
; CHECK-NEXT: vpaddd %ymm0, %ymm0, %ymm0
; CHECK-NEXT: vpaddd %ymm0, %ymm0, %ymm0
; CHECK-NEXT: vextracti128 $1, %ymm0, %xmm1
; CHECK-NEXT: vpaddd %ymm1, %xmm0, %xmm0
; CHECK-NEXT: vpaddd %ymm1, %xmm0, %xmm0
; CHECK-NEXT: vpsubusb (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vpsubusb (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vpsubusb (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vpsubusb (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vpsubusb (%rsi), %zmm0, %zmm0
; CHECK-NEXT: vmovd %xmm0, %eax
entry:
%3 = zext i32 %2 to i64
br label %vector.body

vector.body:
%index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
%vec.phi = phi <32 x i32> [ %11, %vector.body ], [ zeroinitializer, %entry ]
%4 = getelementptr inbounds i8, i8* %0, i64 %index
%5 = bitcast i8* %4 to <32 x i8>*
%wide.load = load <32 x i8>, <32 x i8>* %5, align 1
%6 = sext <32 x i8> %wide.load to <32 x i32>
%7 = getelementptr inbounds i8, i8* %1, i64 %index
%8 = bitcast i8* %7 to <32 x i8>*
%wide.load14 = load <32 x i8>, <32 x i8>* %8, align 1
%9 = sext <32 x i8> %wide.load14 to <32 x i32>
%10 = mul nsw <32 x i32> %9, %6
%11 = add nsw <32 x i32> %10, %vec.phi
%index.next = add i64 %index, 32
%12 = icmp eq i64 %index.next, %3
br i1 %12, label %middle.block, label %vector.body

middle.block:
%rdx.shuf1 = shufflevector <32 x i32> %11, <32 x i32> undef, <32 x i32> <i32 16, i32 17, i32 18, i32 19, i32 20, i32 21, i32 22, i32 23, i32 24, i32 25, i32 26, i32 27, i32 28, i32 29, i32 30, i32 31, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx1 = add <32 x i32> %11, %rdx.shuf1
%rdx.shuf = shufflevector <32 x i32> %bin.rdx1, <32 x i32> undef, <32 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <32 x i32> %bin.rdx1, %rdx.shuf
%rdx.shuf15 = shufflevector <32 x i32> %bin.rdx, <32 x i32> undef, <32 x i32> <i32 4, i32 5, i32 6, i32 7, i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx32 = add <32 x i32> %bin.rdx, %rdx.shuf15
%rdx.shuf17 = shufflevector <32 x i32> %bin.rdx32, <32 x i32> undef, <32 x i32> <i32 2, i32 3, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 unde
%bin.rdx20 = add <32 x i32> %bin.rdx18, %rdx.shuf19
%13 = extractelement <32 x i32> %bin.rdx20, i32 0
ret i32 %13
}

define i32 @_Z9test_charPcS_i_512(i8* nocapture readonly, i8* nocapture readonly, i32) "min-legal-vector-width"="512" {
 ; CHECK-LABEL: _Z9test_charPcS_i_512:
 ; CHECK:       # %bb.0: # %entry
 ; CHECK-NEXT:    movl %edx, %eax
 ; CHECK-NEXT:    vpxor %xmm0, %xmm0, %xmm0
 ; CHECK-NEXT:    xorl %ecx, %ecx
 ; CHECK-NEXT:    vpxor %xmm1, %xmm1, %xmm1
 ; CHECK-NEXT:    .p2align 4, 0x90
 ; CHECK-NEXT:  .LBB9_1: # %vector.body
 ; CHECK-NEXT:    # =>This Inner Loop Header: Depth=1
 ; CHECK-NEXT:    vpmovsxbw (%rdi,%rcx), %zmm2
 ; CHECK-NEXT:    vpmovsxbw (%rsi,%rcx), %zmm3
 ; CHECK-NEXT:    vpmaddwd %zmm2, %zmm3, %zmm2
 ; CHECK-NEXT:    vpadd %zmm1, %zmm2, %zmm1
 ; CHECK-NEXT:    addq $32, %rcx
 ; CHECK-NEXT:    cmpq %rcx, %rax
 ; CHECK-NEXT:    jne .LBB9_1
 ; CHECK-NEXT:  # %bb.2: # %middle.block
 ; CHECK-NEXT:    vpadd %zmm0, %zmm1, %zmm0
 ; CHECK-NEXT:    vextracti64x4 $1, %zmm0, %ymm1
 ; CHECK-NEXT:    vpadd %zmm1, %zmm0, %zmm0
 ; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm1
 ; CHECK-NEXT:    vpadd %zmm1, %zmm2, %zmm1
 ; CHECK-NEXT:    vpaddd %xmm1, %xmm0, %xmm0
 ; CHECK-NEXT:    vpadd %xmm1, %xmm0, %xmm0
 ; CHECK-NEXT:    vextracti64x4 $1, %zmm0, %ymm1
 ; CHECK-NEXT:    vpaddd %zmm1, %zmm0, %zmm0
 ; CHECK-NEXT:    vpadd %zmm1, %zmm0, %zmm0
 ; CHECK-NEXT:    vpaddd %zmm1, %zmm2, %zmm2
 ; CHECK-NEXT:    vpaddd %zmm0, %zmm1, %zmm0
 ; CHECK-NEXT:    vpadd %zmm1, %zmm2, %zmm1
 ; CHECK-NEXT:    vmovd %xmm0, %eax
 ; CHECK-NEXT:    vzeroupper
 ; CHECK-NEXT:    retq
entry:
  %3 = zext i32 %2 to i64
  br label %vector.body

vector.body:
  %index = phi i64 [ %index.next, %vector.body ], [ 0, %entry ]
  %vec.phi = phi i32 [ <32 x i32> | [ %i11, %vector.body ] ], [ zero.initializer, %entry ]
  %4 = getelementptr inbounds i8, i8* %0, i64 %index
  %5 = bitcast i8* %4 to <32 x i8>*
  %wide.load = load <32 x i8>, <32 x i8>* %5, align 1
  %6 = sext <32 x i8> %wide.load to <32 x i32>
  %7 = getelementptr inbounds i8, i8* %1, i64 %index
%8 = bitcast i8* %7 to <32 x i8>*
%wide.load14 = load <32 x i8>, <32 x i8>* %8, align 1
%9 = sext <32 x i8> %wide.load14 to <32 x i32>
%10 = mul nsw <32 x i32> %9, %6
%11 = add nsw <32 x i32> %10, %vec.phi
%index.next = add i64 %index, 32
%12 = icmp eq i64 %index.next, %3
br i1 %12, label %middle.block, label %vector.body

middle.block:
%rdx.shuf1 = shufflevector <32 x i32> %11, <32 x i32> undef, <32 x i32> <i32 16, i32 17, i32 18, i32 19, i32 20, i32 21, i32 22, i32 23, i32 24, i32 25, i32 26, i32 27, i32 28, i32 29, i32 30, i32 31, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx1 = add <32 x i32> %11, %rdx.shuf1
%rdx.shuf = shufflevector <32 x i32> %bin.rdx1, <32 x i32> undef, <32 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <32 x i32> %bin.rdx1, %rdx.shuf
%rdx.shuf15 = shufflevector <32 x i32> %bin.rdx, <32 x i32> <i32 4, i32 5, i32 6, i32 7, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx32 = add <32 x i32> %bin.rdx, %rdx.shuf15
%rdx.shuf17 = shufflevector <32 x i32> %bin.rdx32, <32 x i32> undef, <32 x i32> <i32 2, i32 3, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx18 = add <32 x i32> %bin.rdx32, %rdx.shuf17
%rdx.shuf19 = shufflevector <32 x i32> %bin.rdx18, <32 x i32> undef, <32 x i32> <i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx20 = add <32 x i32> %bin.rdx18, %rdx.shuf19
%13 = extractelement <32 x i32> %bin.rdx20, i32 0
ret i32 %13

}@a = global [1024 x i8] zeroinitializer, align 16
}@b = global [1024 x i8] zeroinitializer, align 16
define i32 @sad_16i8_256() "min-legal-vector-width"="256" {
  ; CHECK-LABEL: sad_16i8_256:
  ; CHECK:       # %bb.0: # %entry
  ; CHECK-NEXT:   vpxor %xmm0, %xmm0, %xmm0
  ; CHECK-NEXT:   movq $-1024, %rax # imm = 0xFC00
  ; CHECK-NEXT:   vpxor %xmm1, %xmm1, %xmm1
  ;}
vector.body:
%index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
%vec.phi = phi <16 x i32> [ zeroinitializer, %entry ], [ %10, %vector.body ]
%0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
%1 = bitcast i8* %0 to <16 x i8>*
%wide.load = load <16 x i8>, <16 x i8>* %1, align 4
%2 = zext <16 x i8> %wide.load to <16 x i32>
%3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
%4 = bitcast i8* %3 to <16 x i8>*
%wide.load1 = load <16 x i8>, <16 x i8>* %4, align 4
%5 = zext <16 x i8> %wide.load1 to <16 x i32>
%6 = sub nsw <16 x i32> %2, %5
%7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1>
%8 = sub nsw <16 x i32> zeroinitializer, %6
%9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
%10 = add nsw <16 x i32> %9, %vec.phi
%index.next = add i64 %index, 4
%11 = icmp eq i64 %index.next, 1024
br i1 %11, label %middle.block, label %vector.body

middle.block:
%lcssa = phi <16 x i32> [ %10, %vector.body ]
%rdx.shuf = shufflevector <16 x i32> %lcssa, <16 x i32> undef, <16 x i32> %i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <16 x i32> %lcssa, %rdx.shuf
%rdx.shuf2 = shufflevector <16 x i32> %bin.rdx, <16 x i32> undef, <16 x i32> <i32 4, i32 5, i32 6, i32 7, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx2 = add <16 x i32> %bin.rdx, %rdx.shuf2
%rdx.shuf3 = shufflevector <16 x i32> %bin.rdx2, <16 x i32> undef, <16 x i32> <i32 2, i32 3, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx3 = add <16 x i32> %bin.rdx2, %rdx.shuf3
%rdx.shuf4 = shufflevector <16 x i32> %bin.rdx3, <16 x i32> undef, <16 x i32> <i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx4 = add <16 x i32> %bin.rdx3, %rdx.shuf4
%12 = extractelement <16 x i32> %bin.rdx4, i32 0
ret i32 %12
}
define i32 @sad_16i8_512() "min-legal-vector-width"="512" {
    CHECK-LABEL: sad_16i8_512:
    CHECK: # %bb.0: # %entry
    CHECK-NEXT: vpxor %xmm0, %xmm0, %xmm0
    CHECK-NEXT: movq $-1024, %rax # imm = 0xFC00
    CHECK-NEXT: .p2align 4, 0x90
    CHECK-NEXT: .LBB11_1: # %vector.body
    CHECK-NEXT: # =>This Inner Loop Header: Depth=1
    CHECK-NEXT: vmovdq a+1024(%rax), %xmm1
    CHECK-NEXT: vpsadbw b+1024(%rax), %xmm1, %xmm1
    CHECK-NEXT: vpadd %zmm0, %zmm1, %zmm0
    CHECK-NEXT: addq $4, %rax
    CHECK-NEXT: jne .LBB11_1
    CHECK-NEXT: # %bb.2: # %middle.block
    CHECK-NEXT: vextracti64x4 $1, %zmm0, %ymm1
    CHECK-NEXT: vpadd %zmm1, %zmm0, %zmm0
    CHECK-NEXT: vextracti128 $1, %ymm0, %xmm1
    CHECK-NEXT: vpadd %xmm1, %xmm0, %xmm0
    CHECK-NEXT: vpshufdrys [%.*#+] xmm1 = xmm0[2,3,0,1]
    CHECK-NEXT: vpadd %xmm1, %xmm0, %xmm0
    CHECK-NEXT: vpshufdrys [%.*#+] xmm1 = xmm0[1,1,2,3]
    CHECK-NEXT: vpadd %xmm1, %xmm0, %xmm0
    CHECK-NEXT: vmovd %xmm0, %eax
    CHECK-NEXT: vzeroupper
    CHECK-NEXT: retq
    entry:
    br label %vector.body

    vector.body:
    %index = phi i64 [ 0, %entry ], [ %index.next, %vector.body ]
    %vec.phi = phi <16 x i32> [ zeroinitializer, %entry ], [ %10, %vector.body ]
    %0 = getelementptr inbounds [1024 x i8], [1024 x i8]* @a, i64 0, i64 %index
%1 = bitcast i8* %0 to <16 x i8>*
%wide.load = load <16 x i8>, <16 x i8>* %1, align 4
%2 = zext <16 x i8> %wide.load to <16 x i32>
%3 = getelementptr inbounds [1024 x i8], [1024 x i8]* @b, i64 0, i64 %index
%4 = bitcast i8* %3 to <16 x i8>*
%wide.load1 = load <16 x i8>, <16 x i8>* %4, align 4
%5 = zext <16 x i8> %wide.load1 to <16 x i32>
%6 = sub nsw <16 x i32> %2, %5
%7 = icmp sgt <16 x i32> %6, <i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1, i32 -1>
%8 = sub nsw <16 x i32> zeroinitializer, %6
%9 = select <16 x i1> %7, <16 x i32> %6, <16 x i32> %8
%10 = add nsw <16 x i32> %9, %vec.phi
%index.next = add i64 %index, 4
%11 = icmp eq i64 %index.next, 1024
br i1 %11, label %middle.block, label %vector.body

middle.block:
%.lcssa = phi <16 x i32> [ %10, %vector.body ]
%rdx.shuf = shufflevector <16 x i32> %.lcssa, <16 x i32> undef, <16 x i32> <i32 8, i32 9, i32 10, i32 11, i32 12, i32 13, i32 14, i32 15, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx = add <16 x i32> %.lcssa, %rdx.shuf
%rdx.shuf2 = shufflevector <16 x i32> %bin.rdx, <16 x i32> undef, <16 x i32> <i32 4, i32 5, i32 6, i32 7, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx2 = add <16 x i32> %bin.rdx, %rdx.shuf2
%rdx.shuf3 = shufflevector <16 x i32> %bin.rdx2, <16 x i32> undef, <16 x i32> <i32 2, i32 3, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx3 = add <16 x i32> %bin.rdx2, %rdx.shuf3
%rdx.shuf4 = shufflevector <16 x i32> %bin.rdx3, <16 x i32> undef, <16 x i32> <i32 1, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef, i32 undef>
%bin.rdx4 = add <16 x i32> %bin.rdx3, %rdx.shuf4
%12 = extractelement <16 x i32> %bin.rdx4, i32 0
ret i32 %12
}
define void @sbtosf32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {
; CHECK-LABEL: sbtosf32_256:
; CHECK:    # %bb.0:
; CHECK-NEXT: vmovwwm %ymm0, %k0
; CHECK-NEXT: kshiftrw $8, %k0, %k1
; CHECK-NEXT: vmovm2d %k1, %ymm0
; CHECK-NEXT: vcvtdq2ps %ymm0, %ymm0
; CHECK-NEXT: vcvtdq2ps %ymm0, %ymm1
; CHECK-NEXT: vcvtdq2ps %ymm1, %ymm1
; CHECK-NEXT: vmovaps %ymm1, (%rdi)
define void @sbto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
    ; CHECK-LABEL: sbto16f32_512:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:    vpmovw2m %ymm0, %k0
    ; CHECK-NEXT:    vpmovm2d %k0, %zmm0
    ; CHECK-NEXT:    vcvtdq2ps %zmm0, %zmm0
    ; CHECK-NEXT:    vmovaps %zmm0, (%rdi)
    ; CHECK-NEXT:    vzeroupper
    ; CHECK-NEXT:    retq
    %mask = icmp slt <16 x i16> %a, zeroinitializer
    %1 = sitofp <16 x i1> %mask to <16 x float>
    store <16 x float> %1, <16 x float>* %res
    ret void
}

define void @sbto16f64_256(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="256" {
    ; CHECK-LABEL: sbto16f64_256:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:    vpmovw2m %ymm0, %k0
    ; CHECK-NEXT:    kshiftrw $8, %k0, %k1
    ; CHECK-NEXT:    vpmovm2d %k1, %ymm0
    ; CHECK-NEXT:    vcvtdq2pd %xmm0, %ymm0
    ; CHECK-NEXT:    vextracti128 $1, %ymm0, %xmm0
    ; CHECK-NEXT:    vcvtdq2pd %xmm0, %ymm0
    ; CHECK-NEXT:    vpmovm2d %k0, %ymm2
    ; CHECK-NEXT:    vcvtdq2pd %xmm2, %ymm3
    ; CHECK-NEXT:    vextracti128 $1, %ymm2, %xmm2
    ; CHECK-NEXT:    vcvtdq2pd %xmm2, %ymm2
    ; CHECK-NEXT:    vpmovm2d %k0, %ymm3
    ; CHECK-NEXT:    vcvtdq2pd %xmm3, %ymm4
    ; CHECK-NEXT:    vextracti128 $1, %ymm3, %xmm3
    ; CHECK-NEXT:    vcvtdq2pd %xmm3, %ymm4
    ; CHECK-NEXT:    vmovaps %ymm2, 32(%rdi)
    ; CHECK-NEXT:    vmovaps %ymm3, (%rdi)
    ; CHECK-NEXT:    vmovaps %ymm0, 96(%rdi)
    ; CHECK-NEXT:    vmovaps %ymm1, 64(%rdi)
    ; CHECK-NEXT:    vzeroupper
    ; CHECK-NEXT:    retq
    %mask = icmp slt <16 x i16> %a, zeroinitializer
    %1 = sitofp <16 x i1> %mask to <16 x double>
    store <16 x double> %1, <16 x double>* %res
    ret void
}
define void @sbto16f64_512(<16 x i16> %a, <16 x double>* %res) "min-legal-vector-width"="512" {
  ; CHECK-LABEL: sbto16f64_512:
  ; CHECK:      # %bb.0:
  ; CHECK-NEXT: vpmovw2m %ymm0, %k0
  ; CHECK-NEXT: vpmovm2d %k0, %zmm0
  ; CHECK-NEXT: vcvtdq2pd %ymm0, %zmm0
  ; CHECK-NEXT: vextracti64x4 $1, %zmm0, %ymm0
  ; CHECK-NEXT: vcvtdq2pd %zmm0, %zmm0
  ; CHECK-NEXT: vmovaps %zmm0, 64(%rdi)
  ; CHECK-NEXT: vmovaps %zmm1, (%rdi)
  ; CHECK-NEXT: vzeroupper
  ; CHECK-NEXT: retq
  %mask = icmp slt <16 x i16> %a, zeroinitialize
  %1 = sitofp <16 x i1> %mask to <16 x double>
  store <16 x double> %1, <16 x double>* %res
  ret void
}

define void @ubto16f32_256(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="256" {
  ; CHECK-LABEL: ubto16f32_256:
  ; CHECK:      # %bb.0:
  ; CHECK-NEXT: vpmovw2m %ymm0, %k0
  ; CHECK-NEXT: kshiftrw $8, %k0, %k1
  ; CHECK-NEXT: vpmovm2d %k1, %ymm0
  ; CHECK-NEXT: vpsrld $31, %ymm0, %ymm0
  ; CHECK-NEXT: vcvtdq2ps %ymm0, %ymm0
  ; CHECK-NEXT: vpmovm2d %k0, %zmm0
  ; CHECK-NEXT: vpsrld $31, %zmm0, %zmm0
  ; CHECK-NEXT: vcvtdq2ps %zmm0, %zmm0
  ; CHECK-NEXT: vmovaps %zmm0, 32(%rdi)
  ; CHECK-NEXT: vzeroupper
  ; CHECK-NEXT: retq
  %mask = icmp slt <16 x i16> %a, zeroinitialize
  %1 = uitofp <16 x i1> %mask to <16 x float>
  store <16 x float> %1, <16 x float>* %res
  ret void
}

define void @ubto16f32_512(<16 x i16> %a, <16 x float>* %res) "min-legal-vector-width"="512" {
  ; CHECK-LABEL: ubto16f32_512:
  ; CHECK:      # %bb.0:
  ; CHECK-NEXT: vpmovw2m %ymm0, %k0
  ; CHECK-NEXT: vpmovm2d %k0, %zmm0
  ; CHECK-NEXT: vpsrld $31, %zmm0, %zmm0
  ; CHECK-NEXT: vcvtdq2ps %zmm0, %zmm0
  ; CHECK-NEXT: vmovaps %zmm0, (%rdi)
  ; CHECK-NEXT: vzeroupper
  ; CHECK-NEXT: retq
  %mask = icmp slt <16 x i16> %a, zeroinitialize
  %1 = uitofp <16 x i1> %mask to <16 x float>
  store <16 x float> %1, <16 x float>* %res
  ret void
}
define void @ubto16f64_256\(<16 x i16> %a, <16 x double>* %res\) "min-legal-vector-width"="256" {  
; CHECK-LABEL: ubto16f64_256:  
; CHECK:   # %bb.0:  
; CHECK-NEXT: vpmovw2m %ymm0, %k0  
; CHECK-NEXT: kshiftrw $8, %k0, %k1  
; CHECK-NEXT: vpmovm2d %k1, %ymm0  
; CHECK-NEXT: vpsrld $31, %ymm0, %ymm0  
; CHECK-NEXT: vcvtdq2pd %xmm0, %ymm1  
; CHECK-NEXT: vextracti128 $1, %ymm0, %xmm0  
; CHECK-NEXT: vcvtdq2pd %xmm0, %ymm0  
; CHECK-NEXT: vpmovm2d %k0, %ymm2  
; CHECK-NEXT: vpsrld $31, %ymm2, %ymm2  
; CHECK-NEXT: vpsrld $31, %ymm2, %ymm2  
; CHECK-NEXT: vcvtdq2pd %xmm2, %ymm3  
; CHECK-NEXT: vextracti128 $1, %ymm2, %xmm2  
; CHECK-NEXT: vcvtdq2pd %xmm2, %ymm2  
; CHECK-NEXT: vmovaps %ymm2, 64(%rdi)  
; CHECK-NEXT: vmovaps %zmm1, 64(%rdi)  
; CHECK-NEXT: vzeroupper  
; CHECK-NEXT: retq
%

define void @ubto16f64_512\(<16 x i16> %a, <16 x double>* %res\) "min-legal-vector-width"="512" {  
; CHECK-LABEL: ubto16f64_512:  
; CHECK:   # %bb.0:  
; CHECK-NEXT: vpmovw2m %ymm0, %k0  
; CHECK-NEXT: vpmovm2d %k0, %zmm0  
; CHECK-NEXT: vpsrld $31, %zmm0, %zmm0  
; CHECK-NEXT: vcvtdq2pd %xmm0, %zmm1  
; CHECK-NEXT: vextracti64x4 $1, %zmm0, %ymm0  
; CHECK-NEXT: vcvtdq2pd %ymm0, %zmm0  
; CHECK-NEXT: vmovaps %zmm0, 64(%rdi)  
; CHECK-NEXT: vmovaps %zmm1, (%rdi)  
; CHECK-NEXT: vzeroupper  
; CHECK-NEXT: retq
%mask = icmp slt <16 x i16> %a, zeroinitializer
%1 = uitofp <16 x i1> %mask to <16 x double>
store <16 x double> %1, <16 x double>* %res
geret void
}

define <16 x i16> @test_16f32toub_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="256" {
  ; CHECK-LABEL: test_16f32toub_256:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:   vcvttps2dq (%rdi), %ymm1
  ; CHECK-NEXT:   vpslld $31, %ymm1, %ymm1
  ; CHECK-NEXT:   vpmovd2m %ymm1, %k1
  ; CHECK-NEXT:   vcvttps2dq 32(%rdi), %ymm1
  ; CHECK-NEXT:   vpslld $31, %ymm1, %ymm1
  ; CHECK-NEXT:   vpmovd2m %ymm1, %k1
  ; CHECK-NEXT:   kunpckbw %k0, %k1, %k1
  ; CHECK-NEXT:   vmovdqu16 %ymm0, %ymm0 [%k1] {z}
  ; CHECK-NEXT:   retq
  %a = load <16 x float>, <16 x float>* %ptr
  %mask = fptoui <16 x float> %a to <16 x i1>
  %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
  ret <16 x i16> %select
}

define <16 x i16> @test_16f32toub_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="512" {
  ; CHECK-LABEL: test_16f32toub_512:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:   vcvttps2dq (%rdi), %zmm1
  ; CHECK-NEXT:   vpslld $31, %zmm1, %zmm1
  ; CHECK-NEXT:   vpmovd2m %zmm1, %k1
  ; CHECK-NEXT:   vmovdqu16 %ymm0, %ymm0 [%k1] {z}
  ; CHECK-NEXT:   retq
  %a = load <16 x float>, <16 x float>* %ptr
  %mask = fptoui <16 x float> %a to <16 x i1>
  %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
  ret <16 x i16> %select
}

define <16 x i16> @test_16f32tosb_256(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="256" {
  ; CHECK-LABEL: test_16f32tosb_256:
  ; CHECK:       # %bb.0:
  ; CHECK-NEXT:   vcvttps2dq (%rdi), %zmm1
  ; CHECK-NEXT:   vpslld $31, %zmm1, %zmm1
  ; CHECK-NEXT:   vpmovd2m %zmm1, %k1
  ; CHECK-NEXT:   vcvttps2dq 32(%rdi), %zmm1
  ; CHECK-NEXT:   vpslld $31, %zmm1, %zmm1
  ; CHECK-NEXT:   vpmovd2m %zmm1, %k1
  ; CHECK-NEXT:   retq
  %a = load <16 x float>, <16 x float>* %ptr
  %mask = fptoui <16 x float> %a to <16 x i1>
  %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
  ret <16 x i16> %select
}
define <16 x i16> @test_16f32tosb_512(<16 x float>* %ptr, <16 x i16> %passthru) "min-legal-vector-width"="512" {
    ; CHECK-LABEL: test_16f32tosb_512:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:    vcvttps2dq (%rdi), %zmm1
    ; CHECK-NEXT:    vpmovd2m %zmm1, %k1
    ; CHECK-NEXT:    vmovdqu16 %ymm0, %ymm0 {%k1} {z}
    ; CHECK-NEXT:    retq
    %a = load <16 x float>, <16 x float>* %ptr
    %mask = fptosi <16 x float> %a to <16 x i1>
    %select = select <16 x i1> %mask, <16 x i16> %passthru, <16 x i16> zeroinitializer
    ret <16 x i16> %select
}

define void @mul256(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="256" {
    ; CHECK-LABEL: mul256:
    ; CHECK:       # %bb.0:
    ; CHECK-NEXT:    vmovdqa (%rdi), %ymm0
    ; CHECK-NEXT:    vmovdqa 32(%rdi), %ymm1
    ; CHECK-NEXT:    vmovdqa (%rsi), %ymm2
    ; CHECK-NEXT:    vmovdqa 32(%rsi), %ymm3
    ; CHECK-NEXT:    vpunpckhbw {{.*#+}} ymm4 = ymm3[8],ymm0[8],ymm3[9],ymm0[9],ymm3[10],ymm0[10],ymm3[11],ymm0[11],ymm3[12],ymm0[12],ymm3[13],ymm0[13],ymm3[14],ymm0[14],ymm3[15],ymm0[15],ymm3[24],ymm0[24],ymm3[25],ymm0[25],ymm3[26],ymm0[26],ymm3[27],ymm0[27],ymm3[28],ymm0[28],ymm3[29],ymm0[29],ymm3[30],ymm0[30],ymm3[31],ymm0[31]
    ; CHECK-NEXT:    vpunpckhbw {{.*#+}} ymm5 = ymm1[8],ymm0[8],ymm1[9],ymm0[9],ymm1[10],ymm0[10],ymm1[11],ymm0[11],ymm1[12],ymm0[12],ymm1[13],ymm0[13],ymm1[14],ymm0[14],ymm1[15],ymm0[15],ymm1[24],ymm0[24],ymm1[25],ymm0[25],ymm1[26],ymm0[26],ymm1[27],ymm0[27],ymm1[28],ymm0[28],ymm1[29],ymm0[29],ymm1[30],ymm0[30],ymm1[31],ymm0[31]
    ; CHECK-NEXT:    vpunpckhbw {{.*#+}} ymm6 = ymm2[8],ymm0[8],ymm2[9],ymm0[9],ymm2[10],ymm0[10],ymm2[11],ymm0[11],ymm2[12],ymm0[12],ymm2[13],ymm0[13],ymm2[14],ymm0[14],ymm2[15],ymm0[15],ymm2[24],ymm0[24],ymm2[25],ymm0[25],ymm2[26],ymm0[26],ymm2[27],ymm0[27],ymm2[28],ymm0[28],ymm2[29],ymm0[29],ymm2[30],ymm0[30],ymm2[31],ymm0[31]
    ; CHECK-NEXT:    vpunpckhbw {{.*#+}} ymm7 = ymm3[8],ymm0[8],ymm3[9],ymm0[9],ymm3[10],ymm0[10],ymm3[11],ymm0[11],ymm3[12],ymm0[12],ymm3[13],ymm0[13],ymm3[14],ymm0[14],ymm3[15],ymm0[15],ymm3[24],ymm0[24],ymm3[25],ymm0[25],ymm3[26],ymm0[26],ymm3[27],ymm0[27],ymm3[28],ymm0[28],ymm3[29],ymm0[29],ymm3[30],ymm0[30],ymm3[31],ymm0[31]
    ; CHECK-NEXT:    vpmullw %ymm4, %ymmm, %ymmm
    ; CHECK-NEXT:    vpmullw %ymmm, %ymmm, %ymmm
    ; CHECK-NEXT:    vmovdqa 32(%rsi), %ymm3
    ; CHECK-NEXT:    vmovdqa {.*##} ymm3 = ymm3[0],ymm0[0],ymm3[1],ymm0[1],ymm3[2],ymm0[2],ymm3[3],ymm0[3],ymm3[4],ymm0[4],ymm3[5],ymm0[5],ymm3[6],ymm0[6],ymm3[7],ymm0[7],ymm3[16],ymm0[16],ymm3[17],ymm0[17],ymm3[18],ymm0[18],ymm3[19],ymm0[19],ymm3[20],ymm0[20],ymm3[21],ymm0[21],ymm3[22],ymm0[22],ymm3[23],ymm0[23]
; CHECK-NEXT:  vpunpcklbw {{.*#+}} ymm1 =
  ymm1[0],ymm0[0],ymm1[1],ymm0[1],ymm1[2],ymm0[2],ymm1[3],ymm0[3],ymm1[4],ymm0[4],ymm1[5],ymm0[5],ym
  mm1[6],ymm0[6],ymm1[7],ymm0[7],ymm1[16],ymm0[16],ymm1[17],ymm0[17],ymm1[18],ymm0[18],ymm1[19],ym
  mm0[19],ymm1[20],ymm0[20],ymm1[21],ymm0[21],ymm1[22],ymm0[22],ymm1[23],ymm0[23]
; CHECK-NEXT:  vpunpckhbw {{.*#+}} ymm3 =
  ymm2[8],ymm0[8],ymm2[9],ymm0[9],ymm2[10],ymm0[10],ymm2[11],ymm0[11],ymm2[12],ymm0[12],ymm2[13]
  ,ymm0[13],ymm2[14],ymm0[14],ymm2[15],ymm0[15],ymm2[24],ymm0[24],ymm2[25],ymm0[25],ymm2[26],ym
  mm0[26],ymm2[27],ymm0[27],ymm2[28],ymm0[28],ymm2[29],ymm0[29],ymm2[30],ymm0[30],ymm2[31],ym
  mm0[31]
; CHECK-NEXT:  vpunpckhbw {{.*#+}} ymm4 =
  ymm0[8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,24,24,25,25,26,26,27,27,28,28,29,29,30,30,31,31]
; CHECK-NEXT:  vpmullw %ymm3, %ymm1, %ymm1
; CHECK-NEXT:  vpand %ymm5, %ymm1, %ymm1
; CHECK-NEXT:  vpmullw %ymm3, %ymm0, %ymm0
; CHECK-NEXT:  vpand %ymm5, %ymm0, %ymm0
; CHECK-NEXT:  vpackuswb %ymm4, %ymm0, %ymm0
; CHECK-NEXT:  vmovdqa %ymm0, (%rdx)
; CHECK-NEXT:  vmovdqa %ymm1, 32(%rdx)
; CHECK-NEXT:  vzeroupper
; CHECK-NEXT:  retq

%d = load <64 x i8>, <64 x i8>* %a
%e = load <64 x i8>, <64 x i8>* %b
%f = mul <64 x i8> %d, %e
store <64 x i8> %f, <64 x i8>* %c
ret void
}
define void @mul512(<64 x i8>* %a, <64 x i8>* %b, <64 x i8>* %c) "min-legal-vector-width"="512" {
; CHECK-LABEL:  mul512:
; CHECK:    # %bb.0:
; CHECK-NEXT:  vmovdqa64 (%rdi), %zmm0
; CHECK-NEXT:  vmovdqa64 (%rsi), %zmm1
; CHECK-NEXT:  vpunpckhbw {{.*#+}} zmm2 =
  zmm1[8],zmm0[8],zmm1[9],zmm0[9],zmm1[10],zmm0[10],zmm1[11],zmm0[11],zmm1[12],zmm0[12],zmm1[13],
  zmm0[13],zmm1[14],zmm0[14],zmm1[15],zmm0[15],zmm1[24],zmm0[24],zmm1[25],zmm0[25],zmm1[26],zmm0
  [26],zmm1[27],zmm0[27],zmm1[28],zmm0[28],zmm1[29],zmm0[29],zmm1[30],zmm0[30],zmm1[31],zmm0[31],z
  mm1[40],zmm0[40],zmm1[41],zmm0[41],zmm1[42],zmm0[42],zmm1[43],zmm0[43],zmm1[44],zmm0[44],zmm1[
  45],zmm0[45],zmm1[46],zmm0[46],zmm1[47],zmm0[47],zmm1[56],zmm0[56],zmm1[57],zmm0[57],zmm1[58],z
  mm0[58],zmm1[59],zmm0[59],zmm1[60],zmm0[60],zmm1[61],zmm0[61],zmm1[62],zmm0[62],zmm1[63],zmm0[63]}
define <4 x i32> @mload_v4i32(<4 x i32> %trigger, <4 x i32>* %addr, <4 x i32> %dst) "min-legal-vector-width"="256" {  
; CHECK-LABEL: mload_v4i32:  
; CHECK:     # %bb.0:  
; CHECK-NEXT: vptestnmd %xmm0, %xmm0, %k1  
; CHECK-NEXT: vpblendmd (%rdi), %xmm1, %xmm0 {%k1}  
; CHECK-NEXT: retq  
%mask = icmp eq <4 x i32> %trigger, zeroinitialize  
%res = call <4 x i32> @llvm.masked.load.v4i32.p0v4i32(<4 x i32>* %addr, i32 4, <4 x i32> %mask, <4 x i32> %dst)  
ret <4 x i32> %res  
}
; Test that we only promote arguments when the caller/callee have compatible
; function attributes.

target triple = "x86_64-unknown-linux-gnu"

; This should promote
; CHECK-LABEL: @callee_avx512_legal512_prefer1256_call_avx512_legal512_prefer1256(<8 x i64>* %arg, <8 x 
i64>* %arg1.val)
define internal fastcc void @callee_avx512 Legal512_prefer1256_call_avx512 Legal512_prefer1256(<8 x i64>* %arg, 
<8 x i64>* readonly %arg1) #0 {
 bb:
 %tmp = load <8 x i64>, <8 x i64>* %arg1
 store <8 x i64> %tmp, <8 x i64>* %arg
 ret void
}

define void @avx512_legal512_prefer1256_call_avx512_legal512_prefer1256(<8 x i64>* %arg) #0 {
 bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512_legal512_prefer1256_call_avx512_legal512_prefer1256(<8 x i64>* %tmp2, <8 x 
i64>* %tmp)
 %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
 store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
 ret void
}

; This should promote
; CHECK-LABEL: @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x 
i64>* %arg1.val)
define internal fastcc void @callee_avx512 Legal512_prefer256_call_avx512 Legal512_prefer256(<8 x i64>* %arg, 
<8 x i64>* readonly %arg1) #1 {
 bb:
 %tmp = alloca <8 x i64>, align 32
 %tmp2 = alloca <8 x i64>, align 32
 %tmp3 = bitcast <8 x i64>* %tmp to i8*
 call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
 call fastcc void @callee_avx512 Legal512_prefer256_call_avx512 Legal512_prefer256(<8 x i64>* %tmp2, <8 x 
i64>* %tmp)
define internal fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* %arg1) #1 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %arg) #0 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
  call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
  call fastcc void @callee_avx512_legal512_prefer512_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
  %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
  store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
  ret void
}

define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %arg, <8 x i64>* %arg1) #0 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %arg) #1 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
  call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
  call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal512_prefer512(<8 x i64>* %tmp2, <8 x i64>* %tmp)
%tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
ret void
}

; This should not promote
; CHECK-LABEL: @callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1)
define internal fastcc void @callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #1 {
bb:
%tmp = load <8 x i64>, <8 x i64>* %arg1
store <8 x i64> %tmp, <8 x i64>* %arg
ret void
}

define void @avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %arg) #2 {
bb:
%tmp = alloca <8 x i64>, align 32
%tmp2 = alloca <8 x i64>, align 32
%tmp3 = bitcast <8 x i64>* %tmp to i8*
call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
call fastcc void @callee_avx512_legal256_prefer256_call_avx512_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
%tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
ret void
}

; This should not promote
; CHECK-LABEL: @callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1)
define internal fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #2 {
bb:
%tmp = load <8 x i64>, <8 x i64>* %arg1
store <8 x i64> %tmp, <8 x i64>* %arg
ret void
}

define void @avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %arg) #1 {
bb:
%tmp = alloca <8 x i64>, align 32
%tmp2 = alloca <8 x i64>, align 32
%tmp3 = bitcast <8 x i64>* %tmp to i8*
call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
call fastcc void @callee_avx512_legal512_prefer256_call_avx512_legal256_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
%tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
ret void
}

; This should promote
; CHECK-LABEL: @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* %arg1.val)
define internal fastcc void @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #3 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %arg) #4 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
call fastcc void @callee_avx2_legal256_prefer256_call_avx2_legal512_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
  %tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
  store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
  ret void
}

; This should promote
; CHECK-LABEL: @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg, <8 x i64>* %arg1.val)
define internal fastcc void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg, <8 x i64>* readonly %arg1) #4 {
  bb:
  %tmp = load <8 x i64>, <8 x i64>* %arg1
  store <8 x i64> %tmp, <8 x i64>* %arg
  ret void
}

define void @avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %arg) #3 {
  bb:
  %tmp = alloca <8 x i64>, align 32
  %tmp2 = alloca <8 x i64>, align 32
  %tmp3 = bitcast <8 x i64>* %tmp to i8*
call void @llvm.memset.p0i8.i64(i8* align 32 %tmp3, i8 0, i64 32, i1 false)
call fastcc void @callee_avx2_legal512_prefer256_call_avx2_legal256_prefer256(<8 x i64>* %tmp2, <8 x i64>* %tmp)
%tmp4 = load <8 x i64>, <8 x i64>* %tmp2, align 32
store <8 x i64> %tmp4, <8 x i64>* %arg, align 2
ret void
}

; Function Attrs: argmemonly nounwind
declare void @llvm.memset.p0i8.i64(i8* nocapture writeonly, i8, i64, i1) #5

attributes #0 = { inlinehint norecurse nounwind uwtable "target-features"="+avx512vl" "min-legal-vector-width"="512" "prefer-vector-width"="512" }
attributes #1 = { inlinehint norecurse nounwind uwtable "target-features"="+avx512vl" "min-legal-vector-width"="512" "prefer-vector-width"="256" }
attributes #2 = { inlinehint norecurse nounwind uwtable "target-features"="+avx512vl" "min-legal-vector-width"="256" "prefer-vector-width"="256" }
attributes #3 = { inlinehint norecurse nounwind uwtable "target-features"="+avx2" "min-legal-vector-width"="512" "prefer-vector-width"="256" }
attributes #4 = { inlinehint norecurse nounwind uwtable "target-features"="+avx2" "min-legal-vector-width"="256" "prefer-vector-width"="256" }
attributes #5 = { argmemonly nounwind }

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; RUN: llc < %s -mtriple=x86_64-linux-android -mattr=+mmx -enable-legalize-types-checking | FileCheck %s
; D31946
; Check that we dont end up with the "LLVM ERROR: Cannot select" error.
; Additionally ensure that the output code actually put fp128 values in SSE registers.

declare fp128 @llvm.fabs.f128(fp128)
declare fp128 @llvm.copysign.f128(fp128, fp128)

define fp128 @TestSelect(fp128 %a, fp128 %b) {
  %cmp = fcmp ogt fp128 %a, %b
  %sub = fsub fp128 %a, %b
  %res = select i1 %cmp, fp128 %sub, fp128 0xL00000000000000000000000000000000
  ret fp128 %res
}
define fp128 @TestFabs(fp128 %a) {
  %res = call fp128 @llvm.fabs.f128(fp128 %a)
  ret fp128 %res
}
define fp128 @TestCopysign(fp128 %a, fp128 %b) {
  %res = call fp128 @llvm.copysign.f128(fp128 %a, fp128 %b)
  ret fp128 %res
; CHECK-LABEL: TestCopysign:
; CHECK      andps .LCPI2_1(%rip), %xmm0
; CHECK-NEXT orps %xmm1, %xmm0
; CHECK-NEXT retq
}

define fp128 @TestFneg(fp128 %a) {
  %mul = fmul fp128 %a, %a
  %res = fsub fp128 0xL00000000000000008000000000000000, %mul
  ret fp128 %res
; CHECK-LABEL: TestFneg:
; CHECK      movaps %xmm0, %xmm1
; CHECK-NEXT callq __multf3
; CHECK-NEXT xorps .LCPI3_0(%rip), %xmm0
; CHECK-NEXT popq %rax
; CHECK-NEXT retq
}

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* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-jar/org/springframework/beans/ExtendedBeanInfoFactory.java
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jar/org/springframework/beans/factory/NamedBean.java
* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-
jar/org/springframework/beans/factory/xml/UtilNamespaceHandler.java
* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-
jar/org/springframework/beans/propertyeditors/URLEditor.java
* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-
jar/org/springframework/beans/propertyeditors/ReaderEditor.java
* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-
jar/org/springframework/beans/factory/xml/NamespaceHandlerResolver.java
* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-
jar/org/springframework/beans/propertyeditors/BeanNameAware.java
* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-
jar/org/springframework/beans/propertyeditors/InputStreamEditor.java
* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-
jar/org/springframework/beans/factory/serviceloader/ServiceListFactoryBean.java
* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-
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* /opt/cola/permits/1135892324_1613626850.84/0/spring-beans-5-2-10-release-sources-
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1.1170 t-digest 3.2

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jar/com/tdunning/math/stats/FloatHistogram.java
* /opt/cola/permits/1000864524_1646171528.06/0/t-digest-3-2-sources-
jar/com/tdunning/math/stats/AVLTreeDigest.java
* /opt/cola/permits/1000864524_1646171528.06/0/t-digest-3-2-sources-
1.1171 jul-to-slf4j-stub 1.0.1.Final

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1.1172 jopt-simple 5.0.4

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  */opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/OptionParserState.java
  */opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/UnconfiguredOptionException.java
  */opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/AbstractOptionSpec.java
  */opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/OptionSpec.java
  */opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/internal/MethodInvokingValueConverter.java
  */opt/cola/permits/1177945013_1625575335.76/0/jopt-simple-5-0-4-sources-8-jar/joptsimple/OptionalArgumentOptionSpec.java
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* /opt/ws_local/PERMITS_SQL/1068271477_1594339203.93/0/netty-buffer-4.1.45-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068271477_1594339203.93/0/netty-buffer-4.1.45-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068271477_1594339203.93/0/netty-buffer-4.1.45-final-sources-1-
  jar/io/netty/buffer/SwappedByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068271477_1594339203.93/0/netty-buffer-4.1.45-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068271477_1594339203.93/0/netty-buffer-4.1.45-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1068271477_1594339203.93/0/netty-buffer-4.1.45-final-sources-1-
  jar/io/netty/buffer/UnpooledUnsafeDirectByteBuf.java
* /opt/ws_local/PERMITS_SQL/1068271477_1594339203.93/0/netty-buffer-4.1.45-final-sources-1-
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* /opt/cola/permits/1110675081_1606844024.72/0/spring-boot-autoconfigure-2-0-4-release-sources-1.jar/org/springframework/boot/autoconfigure/mongo/MongoReactiveAutoConfiguration.java
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*/
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }
}
/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */

public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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 */

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import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream.  OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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## Special Recognition ##

One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve the overall build, test and validate process we were using. This build machine he donated to the project was about 5 times more capable than the entire buildsystem we had. And he did this out of his own pocket, from his own time, and has since upgraded the machine as well. It's now a 128GB, 48 core machine, with 4 SSD's and 4 sata disks: but the key metric is that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix, AZ, USA for his continued support for the project.

Contributors:
The Red Hat developers, without whom CentOS would look very different

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1.1193 wildfly-clustering-singleton-extension

14.0.1.Final

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1.1203 urllib3 1.22
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# Contributions to the urllib3 project

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  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

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  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

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  * Various bugfixes and test improvements.

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  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

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  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

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  * Added abstraction for granular control of request fields

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  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire
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  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
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  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration
* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Jon Wayne Parrott <jonwayne@google.com>
  * App Engine environment tests.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
  * Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.
* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jesse Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <slsytglez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]

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1.1214 json-delta 2.0

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glennrp at users.sourceforge.net
January 5, 2017
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375dc46/LICENSE.rst
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###

A library to support the Internationalised Domain Names in Applications
(IDNA) protocol as specified in RFC 5890 et.al. This new methodology,
known as IDNA 2008, can generate materially different results to the
previous standard. The library can act as a drop-in replacement for
the "encodings.idna" module.

```python
import io, sys
from setuptools import setup

def main():

    python_version = sys.version_info[:2]
    if python_version < (2, 7):
        raise SystemExit("Sorry, Python 2.7 or newer required")

    package_data = { }
```


exec(open('idna/package_data.py').read(), package_data)

arguments = {
    'name': 'idna',
    'packages': ['idna'],
    'version': package_data['__version__'],
    'description': 'Internationalized Domain Names in Applications (IDNA)',
    'long_description': io.open("README.rst", encoding="UTF-8").read(),
    'author': 'Kim Davies',
    'author_email': 'kim@cynosure.com.au',
    'license': 'BSD-like',
    'url': 'https://github.com/kjd/idna',
    'classifiers': [
        'Development Status :: 5 - Production/Stable',
        'Intended Audience :: Developers',
        'Intended Audience :: System Administrators',
        'License :: OSI Approved :: BSD License',
        'Operating System :: OS Independent',
        'Programming Language :: Python',
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        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Topic :: Internet :: Name Service (DNS)',
        'Topic :: Software Development :: Libraries :: Python Modules',
        'Topic :: Utilities',
    ],
    'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*,',
    'test_suite': 'tests',
}

setup(**arguments)

if __name__ == '__main__':
    main()

Found in path(s):
* /opt/cola/permits/1110810307_1606855956.29/0/kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py

1.1231 leveldb 11

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* Providing benchmark suite
* Alec Wysoker
  * Performance and memory usage improvement

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* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/xmlparser/UTF8Reader.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/runtime/CharBuffer.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/ImplicitTagLibraryInfo.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/Dumper.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/xmlparser/UCSReader.java

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* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/deploy/FunctionInfo.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/deploy/TagFileInfo.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/deploy/TagLibraryInfo.java
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* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/xmlparser/XMLString.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/xmlparser/XMLStringBuffer.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/xmlparser/EncodingMap.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/xmlparser/XMLEncodingDetector.java

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* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/deploy/JspPropertyGroup.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/JasperLogger.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/JspConfig.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/TagLibraryInfoImpl.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/Version.java

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/**
* Proprietary method to evaluate EL expressions. XXX - This method should go away once the EL interpreter moves out of JSTL and into its own project. For now, this is necessary because the standard machinery is too slow.
*
* @param expression
* The expression to be evaluated
* @param expectedType
* The expected resulting type
* @param pageContext
* The page context
* @param functionMap
* Maps prefix and name to Method
* @return The result of the evaluation
*/

Found in path(s):
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/runtime/PageContextImpl.java
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* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/Mark.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/tagplugins/jstl/core/Url.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/servlet/JspServlet.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/JasperTagInfo.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/el/ELContextWrapper.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/tomcat/util/scan/Jar.java
* /opt/cola/permits/1110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/tomcat/util/security/PrivilegedGetTccl.java
/opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1.jar/org/apache/jasper/tagplugins/jstl/core/Out.java

/option/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1.jar/org/apache/tomcat/util/scan/JarFileUrlJar.java

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/option/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1.jar/org/apache/tomcat/PeriodicEventListener.java

/option/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1.jar/org/apache/jasper/compiler/Compiler.java

/option/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1.jar/org/apache/jasper/el/JasperELResolver.java

/option/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1.jar/org/apache/jasper/compiler/TagConstants.java

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/option/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1.jar/org/apache/jasper/tagplugins/jstl/core/ForEach.java

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* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/Options.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/ScriptingVariabler.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/tomcat/util/security/PrivilegedSetTccl.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/ParserController.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/DefaultErrorHandler.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/PageInfo.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/AttributeParser.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/ErrorHandler.java
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* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/servlet/JasperLoader.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/SmapUtil.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/SmapGenerator.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/tagplugins/jstl/Util.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/tagplugins/jstl/Import.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/executionlib/ExceptionUtils.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/tagplugin/TagPlugin.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/servlet/JasperLoader.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/AttributeParser.java
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* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/ELNode.java
jar/org/apache/jasper/JspCompilationContext.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/el/JspValueExpression.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/tomcat/util/scan/JarFileUrlNestedJar.java
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* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/tomcat/util/scan/NonClosingJarInputStream.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/PageDataImpl.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/tomcat/util/scan/JarFactory.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/ELInterpreterFactory.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/compiler/ELFunctionMapper.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/runtime/JspSourceDependent.java
* /opt/cola/permits/110675917_1606843723.08/0/jastow-2-0-5-final-sources-1-jar/org/apache/jasper/runtime/ProtectedFunctionMapper.java

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## 1.1238 Spring-Boot-Starter-Json

### 1.1238.1 Available under license :

```cpp
PK0P=spring-cloud-starter-netflix-ribbon-2.1.2.RELEASE-sources.jar
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nKbd*Eo*Yd/SVuj=Q1Jj_kOyZH;+;+Wb=u'xm
FFbKcS=di%_bb&Sq)?*TFe(]E%@mUxT8W}[y3Z8BEMM]tEa7bh.gMUAIU07wm8AQ++)
Dly=:GlmiN.rh@StSqm[vj]m[C?qT<+3g5&'Ac%/ei3hq9R=Npo.Guc{^LmM9{o%7f%4ec9Hv-
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1.1239 jboss-logging-processor 1.1.0.Final

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* /opt/cola/permits/113620879_1613710193.12/0/spring-boot-autoconfigure-2-1-6-release-sources-2-
jar/org/springframework/boot/autoconfigure/dao/package-info.java
* /opt/cola/permits/113620879_1613710193.12/0/spring-boot-autoconfigure-2-1-6-release-sources-2-
jar/org/springframework/boot/autoconfigure/batch/BatchProperties.java
* /opt/cola/permits/113620879_1613710193.12/0/spring-boot-autoconfigure-2-1-6-release-sources-2-
jar/org/springframework/boot/autoconfigure/jdbc/DataSourceSchemaCreatedEvent.java
* /opt/cola/permits/113620879_1613710193.12/0/spring-boot-autoconfigure-2-1-6-release-sources-2-
jar/org/springframework/boot/autoconfigure/domain/EntityScan.java
* /opt/cola/permits/113620879_1613710193.12/0/spring-boot-autoconfigure-2-1-6-release-sources-2-
jar/org/springframework/boot/autoconfigure/thymeleaf/package-info.java
* /opt/cola/permits/113620879_1613710193.12/0/spring-boot-autoconfigure-2-1-6-release-sources-2-
jar/org/springframework/boot/autoconfigure/dao/package-info.java
* /opt/cola/permits/113620879_1613710193.12/0/spring-boot-autoconfigure-2-1-6-release-sources-2-
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* /opt/cola/permits/113620879_1613710193.12/0/spring-boot-autoconfigure-2-1-6-release-sources-2-
1.1258 ant-launcher 1.7.0

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Last revised by Reagle $Date: 2005-06-03 18:49:13 -0400 (Fri, 03 Jun 2005) $

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<ul>
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<li><a href="/license.html">License</a></li>
<li><a href="/antnews.html">News</a></li>
</ul></li></ul>
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Contributors

Project Management Committee

Active Members

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Currently a Systems Architect with Avue Technologies, Bruce has been working with Java since version 1.0a2. He also claims to be one of the first people to mark up a FAQ with HTML, for a web browser of the distant past called Cello.

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Stefan Bodewig (stefan.bodewig at freenet.de - http://stefan.samaflost.de/)
Dominique Devienne (ddevienne at apache.org)
Dominique has been involved non-stop with the Ant user community since the 1.4 days, trying without success to answer posts as well or as often as Diane Holt after she left the user list. He is opinionated, always striving for the best possible design. While at Landmark Graphics, he designed and implemented large Ant/CppTasks builds for mixed Java/C++ projects.

Erik Hatcher (ehatcher at apache.org)
Erik is the co-author of Java Development with Ant and speaks on Ant and other topics at No Fluff, Just Stuff symposiums as well as other venues. Erik is the President of
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Martijn Kruithof is a system engineer working with and on Java products in a telecommunication network setting.

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Antoine is working as a software engineer for Ariel Partners. He is specialized in builds and automation of deployment processes.

<h3>Conor MacNeill</h3>
Conor is a senior developer at Cortex eBusiness, where he develops J2EE based systems. In his spare time he helps with the development of the Ant build tool. He is also serving as the Chairman of this PMC.

<h3>Jan Matrne</h3>
Jan is consultant for OOA/D in the computer centre of the government of Northrhine Westphalia / Germany.

<h3>Peter Reilly</h3>

<h3>Sam Ruby</h3>
Sam takes a perverse pleasure in integrating disparate things. He is a member of the PHP group. Apache sponsor for the xml-soap subproject and convener of ECMA TC39 TG3.
Magesh is a lead software developer at Manugistics, where he is responsible for some of the Revenue Optimization solutions.

Christoph works as software engineer at TUI. His passion are all UI related things so at the Ant-Project he takes care of Antidote - the Ant GUI.

Emeritus Members

By day, Duncan works in the Open Source Program Office at Sun Microsystems where he helps various Open Source efforts within Sun "do the right thing". Previously at Sun he was responsible for the Servlet API Specifications 2.1 and 2.2 as well as the Java API for XML Parsing 1.0 and was the original author of Tomcat and Ant. He was one of the rabble-rousers within Sun that helped make the Jakarta Project a reality and served as the first Chairman of the Jakarta PMC.
Active Committers
</h4>
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</p>
<p>
<b>Jose Alberto Fernandez</b>
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Jesse has been using Java since 1998 and joined Sun Microsystems as part of the company that produced the NetBeans IDE. After discovering Ant in the 1.2 days, he wrote most of NetBeans' Ant integration. Recently he has worked on the NetBeans 4.0 project system, based heavily on Ant as a build tool.

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Peter is an avid java developer who is active in the <a href="http://jakarta.apache.org/avalon/">Avalon</a> and <a href="http://ant.apache.org/">Ant</a> projects. In his spare time he develops a distributed virtual environment (ie military simulator or 3D game) using java technologies.
<p>
</p>
<p>
<b>Danno Ferrin</b> (shemnon at yahoo.com)
Danno has been programming in Java since Summer 96. Danno wrote a JSP engine on his own and released it the very same day Jakarta was announced at JavaOne. Since then, he decided to join the Jakarta project in a spirit of co-operation over competition.

Simeon H.K. Fitch (simeon.fitch at mseedsoft.com)

Simeon is owner of Mustard Seed Software, which specializes in developing distributed applications and user interfaces for the science, engineering, and research oriented clients. He is the lead architect and developer for Antidote, the GUI for Ant.

Thomas Haas (tha at whitestein.com)

Tom is interested in distributed systems, Java middleware and worked on an implementation of the JMS specification. At Whitestein Technologies he is working on bringing software agent technology and J2EE together.

Jason Hunter (jh at servlets.com)

Jason is author of "Java Servlet Programming" (O'Reilly) and publisher of [http://www.servlets.com/](http://www.servlets.com/). He works at [CollabNet](http://www.collab.net).

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Arnout J. Kuiper is a Java Architect with the Sun Java Center at Sun Microsystems. His main focus is web-related technologies on the Java platform (J2EE, XML, ...).

Stefano Mazzocchi (stefano at apache.org)
Stefano is addicted to software design, Java programming and open development. In the last 4 years, he has contributed way too much time to Apache, especially on JServ, JMeter, Avalon, JAMES, Ant, Cocoon and helping to bring more projects into Apache-land, such as FOP, Batik, POI and Xindice. The problem is that he's too picky to be satisfied :-)

Glenn McAllister

Glenn McAllister is a software developer at SOMA Networks, was formerly the same at IBM (plus tech writer plus build guy), and does some writing on the side for the VADD Technical Journal.

Craig McClanahan

Craig was involved in the Apache JServ project, focused on implementing a next generation architecture and feature set for the core servlet engine. He has recently joined Sun as technical lead for the servlet and JSP reference implementation.

Adam Murdoch

Harish Prabhandham

Harish is an engineer with the J2EE team at Sun, primarily responsible for implementing security in the J2EE Reference Implementation (RI). He integrated various technologies including servlet/JSP implementations from Tomcat into the J2EE RI. These days, he hacks PHP code during the day.

Nico Seessle

Gal Shachor

Gal Shachor is a research staff member at IBM. He wrote his first Servlet container (ServletExpress) at the beginning of 1997. Later on ServletExpress (and Gal) merged into WebSphere, and Gal participated in the development of WebSphere 1, 2 and 3.

Jon S. Stevens
Jon is a Co-Founder of Clear Ink Corp and recently left to work on Scarab, a next generation Open Source Java Servlet based Issue/Bug tracking system for CollabNet. He is an active developer of the Apache JServ Servlet Engine for the Apache Web Server and Co-Author of the Element Construction Set as well as the web application framework, Turbine.

Jesse Stockall

James Todd (jwtodd at pacbell.net)

James has developed real time customer oriented apps for roughly 10 years the last 5 of which have predominately been fully integrated, front and back, extranet implementations which have been based on Apache, Java and Tcl.

Anil Vijendran (akv at eng.sun.com)

Anil Vijendran is the principal developer of the JSP engine in Tomcat. He's done some pretty scary things in his past life -- implementing the CORBA IDL to C++ 2.0 mapping, skydiving, IDL to Java compilers, Object Databases (SIGSEV, you da man!) for C++, Java ORB and EJB runtime environments -- in that order.

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1.1260 poppler-data 0.4.6 3.el7

1.1261 flask-sqlalchemy 2.5.1

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.. _models:

.. currentmodule:: flask_sqlalchemy

Declaring Models
=================

Generally Flask-SQLAlchemy behaves like a properly configured declarative base from the `mod:` ~sqlalchemy.ext.declarative` extension. As such we recommend reading the SQLAlchemy docs for a full reference. However the most common use cases are also documented here.

Things to keep in mind:

- The baseclass for all your models is called `db.Model`. It's stored on the SQLAlchemy instance you have to create. See :ref:`quickstart` for more details.
- Some parts that are required in SQLAlchemy are optional in Flask-SQLAlchemy. For instance the table name is automatically set for you unless overridden. It's derived from the class name converted to lowercase and with “CamelCase” converted to “camel_case”. To override the table name, set the `__tablename__` class attribute.

Simple Example
--------------

A very simple example::

class User(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    username = db.Column(db.String(80), unique=True, nullable=False)
    email = db.Column(db.String(120), unique=True, nullable=False)

def __repr__(self):
    return '<User %r>' % self.username
Use :class:`~sqlalchemy.schema.Column` to define a column. The name of the column is the name you assign it to. If you want to use a different name in the table you can provide an optional first argument which is a string with the desired column name. Primary keys are marked with `primary_key=True`. Multiple keys can be marked as primary keys in which case they become a compound primary key.

The types of the column are the first argument to :class:`~sqlalchemy.schema.Column`. You can either provide them directly or call them to further specify them (like providing a length). The following types are the most common:

```
>=sqlalchemy.types.Integer
an integer

>=sqlalchemy.types.String
a string with a maximum length
(optional in some databases, e.g. PostgreSQL)

>=sqlalchemy.types.Text
some longer unicode text

>=sqlalchemy.types.DateTime
date and time expressed as Python datetime object.

>=sqlalchemy.types.Float
stores floating point values

>=sqlalchemy.types.Boolean
stores a boolean value

>=sqlalchemy.types.PickleType
stores a pickled Python object

>=sqlalchemy.types.LargeBinary
stores large arbitrary binary data
```

One-to-Many Relationships

The most common relationships are one-to-many relationships. Because relationships are declared before they are established you can use strings to refer to classes that are not created yet (for instance if `Person` defines a relationship to `Address` which is declared later in the file).

Relationships are expressed with the :func:`~sqlalchemy.orm.relationship` function. However the foreign key has to be separately declared with the :class:`~sqlalchemy.schema.ForeignKey` class:

```python
class Person(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    name = db.Column(db.String(50), nullable=False)
    addresses = db.relationship('Address', backref='person', lazy=True)

class Address(db.Model):
    id = db.Column(db.Integer, primary_key=True)
```
What does :func:`db.relationship() <sqlalchemy.orm.relationship>` do? That function returns a new property that can do multiple things. In this case we told it to point to the ``Address`` class and load multiple of those. How does it know that this will return more than one address? Because SQLAlchemy guesses a useful default from your declaration. If you would want to have a one-to-one relationship you can pass ``uselist=False`` to :func:`db.relationship()`.

Since a person with no name or an email address with no address associated makes no sense, ``nullable=False`` tells SQLAlchemy to create the column as ``NOT NULL``. This is implied for primary key columns, but it's a good idea to specify it for all other columns to make it clear to other people working on your code that you did actually want a nullable column and did not just forget to add it.

So what do ``backref`` and ``lazy`` mean? `backref` is a simple way to also declare a new property on the ``Address`` class. You can then also use `my_address.person` to get to the person at that address. `lazy` defines when SQLAlchemy will load the data from the database:

- `'select'` / `'True'` (which is the default, but explicit is better than implicit) means that SQLAlchemy will load the data as necessary in one go using a standard select statement.
- `'joined'` / `'False'` tells SQLAlchemy to load the relationship in the same query as the parent using a `JOIN` statement.
- `'subquery'` works like `'joined'` but instead SQLAlchemy will use a subquery.
- `'dynamic'` is special and can be useful if you have many items and always want to apply additional SQL filters to them. Instead of loading the items SQLAlchemy will return another query object which you can further refine before loading the items. Note that this cannot be turned into a different loading strategy when querying so it's often a good idea to avoid using this in favor of `lazy=True`. A query object equivalent to a dynamic `'user.addresses'` relationship can be created using :meth:`Address.query.with_parent(user) <sqlalchemy.orm.query.Query.with_parent>` while still being able to use lazy or eager loading on the relationship itself as necessary.

How do you define the lazy status for backrefs? By using the :func:`db.relationship()` function:

```python
class Person(db.Model):
    id = db.Column(db.Integer, primary_key=True)
```
name = db.Column(db.String(50), nullable=False)
addresses = db.relationship('Address', lazy='select',
                   backref=db.backref('person', lazy='joined'))

Many-to-Many Relationships
---------------------------

If you want to use many-to-many relationships you will need to define a helper table that is used for the relationship. For this helper table it is strongly recommended to *not* use a model but an actual table::

tags = db.Table('tags',
    db.Column('tag_id', db.Integer, db.ForeignKey('tag.id'), primary_key=True),
    db.Column('page_id', db.Integer, db.ForeignKey('page.id'), primary_key=True)
)

class Page(db.Model):
    id = db.Column(db.Integer, primary_key=True)
    tags = db.relationship('Tag', secondary=tags, lazy='subquery',
                            backref=db.backref('pages', lazy=True))

class Tag(db.Model):
    id = db.Column(db.Integer, primary_key=True)

Here we configured ``Page.tags`` to be loaded immediately after loading a Page, but using a separate query. This always results in two queries when retrieving a Page, but when querying for multiple pages you will not get additional queries.

The list of pages for a tag on the other hand is something that's rarely needed. For example, you won't need that list when retrieving the tags for a specific page. Therefore, the backref is set to be lazy-loaded so that accessing it for the first time will trigger a query to get the list of pages for that tag. If you need to apply further query options on that list, you could either switch to the ``dynamic`` strategy - with the drawbacks mentioned above - or get a query object using :meth:`Page.query.with_parent(some_tag) <sqlalchemy.orm.query.Query.with_parent>` and then use it exactly as you would with the query object from a dynamic relationship.

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* /opt/cola/permits/1160879740_1620413007.96/0/pallets-flask-sqlalchemy-2.5-1.0-gda0e0df-tar-gz/pallets-flask-sqlalchemy-da0e0df/docs/models.rst

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import io
import re
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("flask_sqlalchemy/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r'__version__ = "(.*)"', f.read(), re.M).group(1)

setup(
    name="Flask-SQLAlchemy",
    version=version,
url="https://github.com/pallets/flask-sqlalchemy",
project_urls={
    "Documentation": "https://flask-sqlalchemy.palletsprojects.com/",
    "Issue tracker": "https://github.com/pallets/flask-sqlalchemy/issues",
},
license="BSD-3-Clause",
author="Armin Ronacher",
author_email="armin.ronacher@active-4.com",
maintainer="Pallets",
maintainer_email="contact@palletsprojects.com",
description="Adds SQLAlchemy support to your Flask application.",
long_description=readme,
packages=["flask_sqlalchemy"],
include_package_data=True,
python_requires=">= 2.7, != 3.0.*, != 3.1.*, != 3.2.*, != 3.3.*",
install_requires=["Flask>=0.10", "SQLAlchemy>=0.8.0"],
classifiers=[
    "Development Status :: 5 - Production/Stable",
    "Environment :: Web Environment",
    "Intended Audience :: Developers",
    "License :: OSI Approved :: BSD License",
    "Operating System :: OS Independent",
    "Programming Language :: Python",
    "Programming Language :: Python :: 2",
    "Programming Language :: Python :: 2.7",
    "Programming Language :: Python :: 3",
    "Programming Language :: Python :: 3.4",
    "Programming Language :: Python :: 3.5",
    "Programming Language :: Python :: 3.6",
    "Programming Language :: Python :: 3.7",
    "Programming Language :: Python :: Implementation :: CPython",
    "Programming Language :: Python :: Implementation :: PyPy",
    "Topic :: Internet :: WWW/HTTP :: Dynamic Content",
    "Topic :: Software Development :: Libraries :: Python Modules",
],
)

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1.1262 opensaml-profile-impl 3.3.0
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* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/CheckAccess.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/PopulateMetricContext.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/PopulateDecryptionParameters.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/PopulateSignatureValidationParameters.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/EncodeMessage.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/SetProfileId.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/package-info.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/AbstractMessageChannelSecurity.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/DecodeMessage.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/LogEvent.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/PopulateClientTLSSignatureValidationParameters.java
* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3.3-0-sources-
  jar/org/opensaml/profile/action/impl/HttpServletResponseMessageChannelSecurity.java

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*/
/** Message channel confidentiality flag. */
/**
 * Get whether message channel confidentiality is active.
 *
 * @return Returns the confidentialityActive.
 */
/**
 * Set whether message channel confidentiality is active.
 *
 * @param flag The confidentialityActive to set.
 */

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* /opt/cola/permits/1001043353_1646171620.81/0/opensaml-profile-impl-3-3-0-sources-
jar/org/opensaml/profile/action/impl/StaticMessageChannelSecurity.java

1.1263 pax-utils 1.2.3-r0

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  jar/org/apache/commons/logging/package.html
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  jar/org/apache/commons/logging/LogConfigurationException.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
  jar/org/apache/commons/logging/impl/Log4JLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
  jar/org/apache/commons/logging/impl/LogFactoryImpl.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
  jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
  jar/org/apache/commons/logging/impl/SimpleLog.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
  jar/org/apache/commons/logging/impl/Jdk14Logger.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
  jar/org/apache/commons/logging/logging/impl/LogSource.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
  jar/org/apache/commons/logging/impl/NoOpLog.java
* /opt/cola/permits/1135840457_1613613080.13/0/commons-logging-1-1-sources-9-
  jar/org/apache/commons/logging/logging/impl/LogKitLogger.java
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1.1266 wildfly-http-ejb-client 1.0.12.Final

1.1267 totem-pl-parser 3.26.1 1.el7

1.1267.1 Available under license :

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1.1268 jdom 1.1.3

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$Id: SAXOutputer.java,v 1.40 2007/11/10 05:29:01 jhunter Exp $

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Found in path(s):
* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1.jar/org/jdom/input/JDOMParseException.java
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Found in path(s):
* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/transform/XSLTransformException.java
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$Id: Filter.java,v 1.10 2007/11/10 05:29:00 jhunter Exp $

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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/filter/Filter.java
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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/adapters/XercesDOMAdapter.java
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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1.1-3-sources-1.jar/jdom/adapters/CrimsonDOMAdapter.java
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$Id: NegateFilter.java,v 1.4 2007/11/10 05:29:00 jhunter Exp $

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$Id: XMLOutputter.java,v 1.117 2009/07/23 05:54:23 jhunter Exp $

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$Id: JDOMFactory.java,v 1.9 2007/11/10 05:28:59 jhunter Exp $

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Found in path(s):
* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/adapters/DOMAdapter.java

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$Id: NamespaceKey.java,v 1.2 2007/11/10 05:28:59 jhunter Exp$

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$Id: Element.java,v 1.159 2007/11/14 05:02:08 jhunter Exp$

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$Id: JAXPParserFactory.java,v 1.6 2007/11/10 05:29:00 jhunter Exp$

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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-
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$Id: Comment.java,v 1.33 2007/11/10 05:28:58 jhunter Exp $

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$Id: JaxenXPath.java,v 1.20 2007/11/10 05:29:02 jhunter Exp$

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$Id: DescendantIterator.java,v 1.6 2007/11/10 05:28:58 jhunter Exp$

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$Id: JDOMResult.java,v 1.24 2007/11/10 05:29:02 jhunter Exp $

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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/transform/JDOMResult.java
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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/UncheckedJDOMFactory.java
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$Id: Content.java,v 1.6 2007/11/10 05:28:58 jhunter Exp $

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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/input/SAXBuilder.java
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$Id: AbstractFilter.java,v 1.6 2007/11/10 05:29:00 jhunter Exp$

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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/output/NamespaceStack.java
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/*

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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/Document.java
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Found in path(s):
* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/Text.java
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$Id: ContentFilter.java,v 1.15 2007/11/10 05:29:00 jhunter Exp $

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* /opt/cola/permits/1135863741_1613618250.91/0/jdom-1-1-3-sources-1-jar/org/jdom/filter/ContentFilter.java
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$Id: TextBuffer.java,v 1.10 2007/11/10 05:29:00 jhunter Exp $

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$Id: XPath.java,v 1.17 2007/11/10 05:29:02 jhunter Exp $

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$Id: ElementFilter.java,v 1.20 2007/11/10 05:29:00 jhunter Exp $

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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/OptionalLongValueExtractor.java
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* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorDescriptor.java
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* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/config/context/PropertyConstraintMappingContext.java
* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForOffsetDateTime.java
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* /opt/cola/permits/110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-jar/org/hibernate/validator/internal/constraintvalidators/hv/package-info.java
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* /
**
* <p>
* A method-level constraint, that evaluates a script expression against the
* annotated method or constructor. This constraint can be used to implement
* validation routines that depend on several parameters of the annotated
* executable.
* </p>
* <p>
* Script expressions can be written in any scripting or expression language,
* for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
* ("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
* found on the classpath. To refer to a parameter within the scripting
* expression, use its name as obtained by the active
* [ @link javax.validation.ParameterNameProvider ]. By default, [ @code arg0 ], [ @code arg1 ] etc.
* will be used as parameter names.
* </p>
* </p>
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
* </p>
* <pre>
* {@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }  
* }  
* </pre>
* </p>
* Can be specified on any method or constructor.
* </p>
* 
* @author Gunnar Morling
*/

Found in path(s):
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jar/org/hibernate/validator/constraints/ParameterScriptAssert.java
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*/
/**
* Retrieves constraint related meta data for the parameters of the given
* executable.
*
* @param executable The executable of interest.
*
* @return A list with parameter meta data for the given executable.
*/

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* /opt/cola/permits/1110675265_1606843042.99/0/hibernate-validator-6-0-18-final-sources-5-
jar/org/hibernate/validator/internal/metadata/provider/AnnotationMetaDataProvider.java
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[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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If such an object file uses only numerical parameters, data
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Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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END OF TERMS AND CONDITIONS
Appendix: How to Apply These Terms to Your New Libraries

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   <signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

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Version 3, 29 June 2007

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

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Build-Jdk: 1.8.0_181
Built-By: somov
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Bundle-ManifestVersion: 2
Bundle-Name: SnakeYAML
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Created-By: Apache Maven Bundle Plugin
Export-Package: org.yaml.snakeyaml;version="1.23",org.yaml.snakeyaml.composer;version="1.23",org.yaml.snakeyaml.constructor;version="1.23",org.yaml.snakeyaml.emitter;version="1.23",org.yaml.snakeyaml.error;version="1.23",org.yaml.snakeyaml.events;version="1.23",org.yaml.snakeyaml.extensions.compactnotation;version="1.23",org.yaml.snakeyaml.intr
ospector;version="1.23",org.yaml.snakeyaml.nodes;version="1.23",org.yaml.snakeyaml.parser;version="1.23",org.yaml.snakeyaml.reader;version="1.23",org.yaml.snakeyaml.representer;version="1.23",org.yaml.snakeyaml
resolver;version="1.23",org.yaml.snakeyaml.scanner;version="1.23",org.yaml.snakeyaml.serializer;version="1.23",org.yaml.snakeyaml.tokens;version="1.23",org.yaml.snakeyaml.util;version="1.23"
Import-Package: org.yaml.snakeyaml;version="[1.23,2)",org.yaml.snakeyaml.composer;version="[1.23,2)",org.yaml.snakeyaml.error;version="[1.23,2)",org.yaml.snakeyaml.events;version="[1.23,2)",org.yaml.snakeyaml.introspector;version="[1.23,2)",org.yaml.snakeyaml.nodes;version="[1.23,2)",org.yaml.snakeyaml.parser;version="[1.23,2)",org.yaml.snakeyaml.reader;version="[1.23,2)",org.yaml.snakeyaml.resolver;version="[1.23,2)",org.yaml.snakeyaml.scanner;version="[1.23,2)",org.yaml.snakeyaml.serializer;version="[1.23,2)",org.yaml.snakeyaml.tokens;version="[1.23,2)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-3.5.0.201709291849

Found in path(s):
* /opt/cola/permits/1000770200_1646171503.5/0/snakeyaml-1-23-jar/META-INF/MANIFEST.MF

1.1287 jetty-io 9.3.9.v20160517
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* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/ArrayByteBufferPool.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/SelectorManager.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/AbstractConnection.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/AbstractEndPoint.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/MappedByteBufferPool.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/NegotiatingClientConnection.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/package-info.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/ByteBUFFERPool.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/ManagedSelector.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/IdleTimeout.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/NetworkTrafficListener.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/ByteArrayEndPoint.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/RunTimeIOException.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/Connection.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/ChannelEndPoint.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/EndPoint.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/SelectChannelEndPoint.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/WriterOutputStream.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/FillInterest.java
* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-
  jar/org/eclipse/jetty/io/NegotiatingClientConnectionFactory.java
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* /opt/cola/permits/1001068513_1646171630.14/0/jetty-io-9-3-9-v20160517-sources-jar/about.html

### 1.1288 jackson 2.10.1

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Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.
It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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1.1290 thrift 0.10.0

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compiler/cpp/src/generate/t_erl_generator.cc
compiler/cpp/src/generate/t_hs_generator.cc
compiler/cpp/src/generate/t_java_generator.cc
compiler/cpp/src/generate/t_ocaml_generator.cc
compiler/cpp/src/generate/t_perl_generator.cc
compiler/cpp/src/generate/t_php_generator.cc
compiler/cpp/src/generate/t_py_generator.cc
compiler/cpp/src/generate/t_rb_generator.cc
compiler/cpp/src/generate/t_st_generator.cc
compiler/cpp/src/generate/t_xsd_generator.cc
compiler/cpp/src/main.cc
compiler/cpp/src/parse/t_field.h
compiler/cpp/src/parse/t_program.h
compiler/cpp/src/platform.h
compiler/cpp/src/thriftl.ll
compiler/cpp/src/thrifty.yy
lib/csharp/src/Protocol/TBinaryProtocol.cs
```
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ghost@aladdin.com

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concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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1.1307 at-spi2-atk 2.26.2 1.el7

1.1308 postgresql-jdbc 9.4.1211.jre7
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/**
* This code is a stripped down version of Robert Harder's Public Domain Base64 implementation. GZIP
* support, InputStream and OutputStream stuff and some unneeded encode/decode methods have been
* removed.
* 
* -- Original comments follow --
* 
* Encodes and decodes to and from Base64 notation.
* 
* <p>
* Change Log:
* </p>
* <ul>
* <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience
* methods for reading and writing to and from files.</li>
* <li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other
* encodings (like EBCDIC).</li>
* <li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a
* single byte.</li>
* <li>v2.0 - I got rid of methods that used boolean options. Now everything is more
* consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed
* and will decompress it automatically. Generally things are cleaner. You'll probably have to
* change some method calls that you were making to support the new options format (int's
* that you "OR" together).</li>
* <li>v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using
* the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an
* otherwise "normal" stream (like an XML file).</li>
* <li>v1.5 - Output stream passes on flush() command but doesn't do anything itself. This helps when
* using GZIP streams. Added the ability to GZip-compress objects before encoding them.</li>
* <li>v1.4.1 - Added helper methods to read/write files.</li>
* <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.</li>
* <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last
* buffer being read, if not completely full, was not returned.</li>
* <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.</li>
* <li>v1.3.3 - Fixed I/O streams which were totally messed up.</li>
* </ul>
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* 
* @author Robert Harder
* @author rob@iharder.net
* @version 2.1
* /
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// more details.

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* /opt/cola/permits/1021538811_1607117608.74/0/postgresql-9-4-1211-jre7-sources-jar/org/postgresql/Driver.java

1.1309 spring-security-ldap 3.1.4.RELEASE
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* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2-jar/org/springframework/security/ldap/authentication/ad/ActiveDirectoryAuthenticationException.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2-jar/org/springframework/security/ldap/authentication/ad/ActiveDirectoryLdapAuthenticationProvider.java

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* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/ppolicy/PasswordPolicyResponseControl.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/userdetails/LdapUserDetailsMapper.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/authentication/LdapAuthenticator.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/userdetails/Person.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/search/LdapUserSearch.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/userdetails/InetOrgPerson.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/ppolicy/PasswordPolicyControl.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/SpringSecurityLdapTemplate.java
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* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/authentication/AbstractLdapAuthenticator.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/authentication/PasswordComparisonAuthenticator.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/authentication/BindAuthenticator.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/userdetails/LdapAuthoritiesPopulator.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/userdetails/LdapUserDetailsManager.java
* /opt/cola/permits/1148131136_1632505937.91/0/spring-security-ldap-3-1-4-release-sources-2.jar/org/springframework/security/ldap/userdetails/LdapUserDetailsImpl.java

1.1310 wildfly-elytron-realm-ldap 1.11.2.Final

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1.1311 lucene-spatial-extras 7.7.2

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  jar/org/wildfly/security/x500/ElytronMessages.java
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1.1315 netty-transport-native-epoll
4.1.24.Final

1.1316 bcrypt 3.1.6
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* java.sun.security.ssl

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org.eclipse.jetty.toolchain:jetty-schemas

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Version: GnuPG v1.4.1 (Darwin)

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Version: GnuPG v1.0.7 (GNU/Linux)
iD8DBQFE85cgao9Frj/C trappedIKAJCFg4W0UOH8IUn+SV6PBRHRT3BnLgCcDqqCZoottk0bTHfwaa5TtxQbScw=
=N/w/
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Apache Log4j API
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Version: GnuPG v1.4.3 (GNU/Linux)
iD8DBQFFoniQ3VhIFus9dGQRAMJmAJwL5ylloohhVQIICsparvjHMQuwwCgizFy
LBDVaad1bJ1vlEHy901kPcg=

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Version: GnuPG v1.4.10 (GNU/Linux)
iQEcBAEBAgABGQBBb4tAAoJEMHiYjBm1gF9lHDCeHi2nQDPuPztWFbi0rtaLF6J1RUKidzAPZalDdMfDz7ucdRL1RDriz4VIF2+fbKeBYQuZXIfX1eEghz+tKriK30M12guFkNLDeQp9hZ3Zu9U3K0y4m4IDWq72HRnhi1nRy6lzZFhDGZ/D+69fFtgYGOFwEi00MAq/IRbsXHLpBOY+Jyh/Xy+QRnQTCaQ+tAgOlXds3w+JSx2sGdesYLAJQQacLeGh7EzD3Ft+CKuiwT4c5ub64LdXSiAVj1u20jZBfqlsAJ3FA6oJTi+13kn

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iD8DBQFD37/4dL6lZr4c+6kRAtslAJ41td3lj4OM6sIMfJfT0dYdT1bxwCdGgWv
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Version: GnuPG v1.4.4 (MingW32)

iD8DBQFEt1ZxHR/ESK2w6H8RApbOAJ9c1eooNr2oN59WZVitJExGJjUvKgCfaKji
6etDJ6Auj0jTuSI59hU5WMQ=
=HmqH
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Date:

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Positions: Chief Operational Officer
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<table>
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<tr>
<th>Name</th>
<th>Date added</th>
</tr>
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<tbody>
<tr>
<td>Simone Bordet</td>
<td>12 September 2006</td>
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Full name: David Jencks
E-Mail: david_jencks@yahoo.com
Mailing Address: 2215 SE 39th Ave, Portland OR 97214 USA

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Schedule A

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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/ByteToMessageCodec.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/DecoderException.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/serialization/package-info.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/serialization/package-info.java
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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/

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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
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  jar/io/netty/handler/codec/HeadersUtils.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1-
  jar/io/netty/handler/codec/ProtocolDetectionState.java
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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/EmptyHeaders.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/Headers.java

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A decoder that splits the received `ByteBuf`s dynamically by the value of the length field in the message. It is particularly useful when you decode a binary message which has an integer header field that represents the length of the message body or the whole message.

```plaintext
    lengthFieldOffset = 0
    lengthFieldLength = 2
    lengthAdjustment = 0
    initialBytesToStrip = 0 (= do not strip header)
```

The value of the length field in this example is `12 (0x0C)` which represents the length of "HELLO, WORLD". By default, the decoder assumes that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.

```plaintext
    BEFORE DECODE (14 bytes)    AFTER DECODE (14 bytes)
    +-----------------------------+-----------------------------+
    | Length | Actual Content | Length | Actual Content |
    +-----------------------------+-----------------------------+
    | 0x000C | "HELLO, WORLD" | 0x000C | "HELLO, WORLD" |
    +-----------------------------+-----------------------------+
```

Because we can get the length of the content by calling `ByteBuf#readableBytes()`, you might want to strip the length field by specifying `initialBytesToStrip`. In this example, we specified `2`, that is same with the length of the length field, to strip the first two bytes.
* **lengthFieldOffset** = 0
* **lengthFieldLength** = 2
* **lengthAdjustment** = 0
* **initialBytesToStrip** = 2 (= the length of the Length field)

* BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+

* In most cases, the length field represents the length of the message body only, as shown in the previous examples. However, in some protocols, the length field represents the length of the whole message, including the message header. In such a case, we specify a non-zero **lengthAdjustment**. Because the length value in this example message is always greater than the body length by 2, we specify -2 as **lengthAdjustment** for compensation.

* **lengthFieldOffset** = 2 (= the length of Header 1)
* **lengthFieldLength** = 3
* **lengthAdjustment** = 0
* **initialBytesToStrip** = 0

* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+

* The following message is a simple variation of the first example. An extra header value is prepended to the message. **lengthAdjustment** is zero again because the decoder always takes the length of the prepended data into account during frame length calculation.

* **lengthFieldOffset** = 2 (= the length of Header 1)
* **lengthFieldLength** = 3
* **lengthAdjustment** = 0
* **initialBytesToStrip** = 0
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
  * +----------+----------+----------------+      +----------+----------+----------------+      
  * | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
  * |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |  0xCAFE  | 0x00000C | "HELLO, WORLD" |
  * +----------+----------+----------------+      +----------+----------+----------------+      
  * </pre>

* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* 
  * lengthFieldOffset = 0
  * lengthFieldLength = 3
  * <b>lengthAdjustment</b> = <b>2</b> (= the length of Header 1)
  * initialBytesToStrip = 0
  * 
  * BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
  * +----------+----------+----------------+      +----------+----------+----------------+      
  * |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
  * | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO, WORLD" |
  * +----------+----------+----------------+      +----------+----------+----------------+      
  * </pre>

* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthFieldLength</tt> and the extra header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>initialBytesToSkip</tt>.
* 
  * lengthFieldOffset = 1 (= the length of HDR1)
  * lengthFieldLength = 2
  * <b>lengthAdjustment</b> = <b>1</b> (= the length of HDR2)
  * <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
  * 
  * BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
  * +--------+----------+----------------+      +--------+----------------+      
  * | HDR1 | HDR2 | Actual Content |----->| HDR2 | Actual Content |
  * | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
  * +--------+----------+----------------+      +--------+----------------+      
  * </pre>
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header, strip the first header field and the length field, the length field represents the length of the whole message</h3>
* Let's give another twist to the previous example. The only difference from the previous example is that the length field represents the length of the whole message instead of the message body, just like the third example. We have to count the length of HDR1 and Length into \texttt{lengthAdjustment}.
* Please note that we don't need to take the length of HDR2 into account because the length field already includes the whole header length.
* \texttt{lengthFieldOffset} = 1
* \texttt{lengthFieldLength} = 2
* \texttt{lengthAdjustment} = -3 (= the length of HDR1 + LEN, negative)
* \texttt{initialBytesToStrip} = 3

* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)

\begin{verbatim}
| HDR1 | Length | HDR2 | Actual Content | HDR2 | Actual Content |
| 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | 0xFE | "HELLO, WORLD" |
\end{verbatim}

* @see LengthFieldPrepender
*/

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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/Crc32c.java
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* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/CodecOutputList.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/DateFormatter.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4-1-45-final-sources-1.jar/io/netty/handler/codec/string/LineSeparator.java
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*/
/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
* The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/

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  jar/io/netty/handler/codec/ValueConverter.java
* /opt/ws_local/PERMITS_SQL/1068271428_1594339474.09/0/netty-codec-4.1.45-final-sources-1-
1.1330 idna 2.10

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---

A library to support the Internationalised Domain Names in Applications (IDNA) protocol as specified in RFC 5890 et.al. This new methodology, known as IDNA 2008, can generate materially different results to the previous standard. The library can act as a drop-in replacement for the "encodings.idna" module.

---

import io, sys
from setuptools import setup

def main():

    python_version = sys.version_info[:2]
    if python_version < (2,7):
        raise SystemExit("Sorry, Python 2.7 or newer required")

    package_data = {}
    exec(open('idna/package_data.py').read(), package_data)

    arguments = {
        'name': 'idna',
        'packages': ['idna'],
        'version': package_data['__version__'],
        'description': 'Internationalized Domain Names in Applications (IDNA)',
        'long_description': io.open("README.rst", encoding="UTF-8").read(),
        'author': 'Kim Davies',
        'author_email': 'kim@cynosure.com.au',
        'license': 'BSD-like',
        'url': 'https://github.com/kjd/idna',
        'classifiers': [
            'Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
            'Intended Audience :: System Administrators',
            'License :: OSI Approved :: BSD License',
            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 2',
            'Programming Language :: Python :: 2.7',
            'Programming Language :: Python :: 3',
            'Programming Language :: Python :: 3.4',
            'Programming Language :: Python :: 3.5',
            'Programming Language :: Python :: 3.6',
            'Programming Language :: Python :: 3.7',
            'Programming Language :: Python :: 3.8',
        ],
    }

    setup(arguments)
programming language :: python :: implementation :: cpython',
'topic :: internet :: name service (dns)',
'topic :: software development :: libraries :: python modules',
'topic :: utilities',
],
'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
}

setup(**arguments)

if __name__ == '__main__':
    main()

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1.1331 colord-gtk 0.1.25 4.el7
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1.1334 wildfly-core-management-subsystem

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#----------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Fullwidth_Halfwidth.txt,v $
# $Date: 2003/06/03 18:49:33 $
# $Revision: 1.5 $
# Fullwidth-Halfwidth

# Mechanically generated from Unicode Character Database
# IDEOGRAPHIC SPACE then added, and
# FULLWIDTH MACRON changed to map to MACRON, not SPACE + COMBINING MACRON

# multicharacter

<>; # to KATAKANA LETTER GA
<>; # to KATAKANA LETTER GI
<>; # to KATAKANA LETTER GU
<>; # to KATAKANA LETTER GE
<>; # to KATAKANA LETTER GO
<>; # to KATAKANA LETTER ZA
<>; # to KATAKANA LETTER ZI
<>; # to KATAKANA LETTER ZU
<>; # to KATAKANA LETTER ZE
<>; # to KATAKANA LETTER ZO
<>; # to KATAKANA LETTER DA
<>; # to KATAKANA LETTER DI
<>; # to KATAKANA LETTER DU
<>; # to KATAKANA LETTER DE
<>; # to KATAKANA LETTER DO
<>; # to KATAKANA LETTER BA
<>; # to KATAKANA LETTER PA
<>; # to KATAKANA LETTER BI
<>; # to KATAKANA LETTER PI
<>; # to KATAKANA LETTER BU
<>; # to KATAKANA LETTER PU
<>; # to KATAKANA LETTER BE
<>; # to KATAKANA LETTER PE
<>; # to KATAKANA LETTER BO
<>; # to KATAKANA LETTER PO
<>; # to KATAKANA LETTER VU
<>; # to KATAKANA LETTER VA
<>; # to KATAKANA LETTER VO

# single character

<>"!"; # from FULLWIDTH EXCLAMATION MARK
<>""""; # from FULLWIDTH QUOTATION MARK
<>"#"; # from FULLWIDTH NUMBER SIGN
<>"$"; # from FULLWIDTH DOLLAR SIGN
<>"%"; # from FULLWIDTH PERCENT SIGN
<>"&"; # from FULLWIDTH AMPERSAND
<>""; # from FULLWIDTH APOSTROPHE
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* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Fullwidth_Halfwidth.txt
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#-----------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_ThaiLogical_Latin.txt,v $
# $Date: 2002/07/26 19:56:55 $
# $Revision: 1.5 $
#-----------------------------------

# Thai-Latin
# This set of rules follows ISO 11940
#see http://homepage.mac.com/sirbinks/pdf/Thai.r2.pdf
# except that that does not mention an implicit vowel, so we use o
#
# The transcription is fairly ugly, so we ought to also do the UNGEGN version
# Note: this is an internal file. The NFD/NFC is handled externally, in the index
# The insertion of spaces between words, the reversal of the vowels
# and the conversion of space to semicolon are done *outside* of these rules.
# So as far as these rules are concerned, the vowels are in logical order!

# insert implicit vowel (and remove it going the other way)
# COMMENTED out: the implicit vowel positions cannot be predicted algorithmically
# $consonant = [-];
# $vowel = [-];:

$notAbove = [^\p{ccc=0}\p{ccc=above}] ;
$notBelow = [^\p{ccc=0}\p{ccc=below}] ;

# Consonants
# Warning: the 'h's need to be handled carefully!
# What we really want to say is the following, but we can't
# $notHAccent = !($notAbove* | $notBelow*) ;
# Since the only accents we care about that could cause problems are free-standing accents below, we use instead:
# $freeStandingBelow = [\u0325 ] ;
# $shAccent = [ ]
# $notHAccent0 = [^$freeStandingBelow$hAccent]
# $notHAccent1 = $freeStandingBelow[^$hAccent]
>
> h ; # THAI CHARACTER HO HIP
| $1 < h ($notAbove* ) ; # backward case, account for reordering
<> h ; # THAI CHARACTER HO NOKHUK

<> kh ; # THAI CHARACTER KHO KHAI
<> kh ; # THAI CHARACTER KHO KHUAT
<> kh ; # THAI CHARACTER KHO KHON
<> kh ; # THAI CHARACTER KHO RAKHANG
< kh } $notHAccent1 ; # THAI CHARACTER KHO KHWAI
<> kh } $notHAccent0 ; # THAI CHARACTER KHO KHWAI
<> k ; # THAI CHARACTER KO KAI

<> ph ; # THAI CHARACTER PHO SAMPHAO
<> ph ; # THAI CHARACTER PHO PHUNG
< ph } $notHAccent1 ; # THAI CHARACTER PHO PHAN
<> ph } $notHAccent0 ; # THAI CHARACTER PHO PHAN
<> p ; # THAI CHARACTER PO PLA

# see: http://www.eki.ee/wgrs/rom1_th.pdf
<> ch ; # THAI CHARACTER CHO CHING
<> ch ; # THAI CHARACTER CHO CHOE
< ch } $notHAccent1 ; # THAI CHARACTER CHO CHANG
<> ch } $notHAccent0 ; # THAI CHARACTER CHO CHANG
<> c ; # THAI CHARACTER CHO CHAN

<> th ; # THAI CHARACTER THO THAN
<> th ; # THAI CHARACTER THO NANGMONTHO
<> th ; # THAI CHARACTER THO PHUTHAO
<> th ; # THAI CHARACTER THO THUNG
<> th ; # THAI CHARACTER THO THONG
< th } $notHAccent1 ; # THAI CHARACTER THO THAHAN
< th } $notHAccent0 ; # THAI CHARACTER THO THAHAN
#Note: TO PATAK deviates from ISO since t-dotunder + h would be ambiguous. So it uses vertical tick.
<> t ; # THAI CHARACTER TO PATAK
<> t ; # THAI CHARACTER TO TAO

# since there is no singleton g (generated), don't worry about that.
<> ng ; # THAI CHARACTER NGO NGU
<> n ; # THAI CHARACTER NO NEN
<> n ; # THAI CHARACTER NO NU

<> y ; # THAI CHARACTER YO YING
<> d ; # THAI CHARACTER DO CHADA
<> d ; # THAI CHARACTER DO DEK

<> b ; # THAI CHARACTER BO BAIMAI
<> f ; # THAI CHARACTER FO FA
| $1 < f ($notAbove*) ; # backward case, account for reordering

<> m ; # THAI CHARACTER MO MA
<> y ; # THAI CHARACTER YO YAK
<> r ; # THAI CHARACTER RO RUA
<> v ; # THAI CHARACTER RU
<> ; # THAI CHARACTER LU
<> w ; # THAI CHARACTER WO WAEN

<> s ; # THAI CHARACTER SO SALA***
| $1 < s ($notAbove*) ; # backward case, account for reordering
<> s ; # THAI CHARACTER SO RUSI
> s ; # THAI CHARACTER SO SUA***
| $1 < s ($notAbove*) ; # backward case, account for reordering

<> 1 ; # THAI CHARACTER LO CHULA
<> 1 ; # THAI CHARACTER LO LING
<> f ; # THAI CHARACTER FO FAN
<> x ; # THAI CHARACTER O ANG
<> s ; # THAI CHARACTER SO SO

# vowels

<> a ; # THAI CHARACTER MAI HAN-AKAT

> a ; # THAI CHARACTER SARA AA
| $1 < a ($notAbove*) ; # backward case, account for reordering

# We deviate from ISO for SARA AM for disambiguation
> a ; # THAI CHARACTER SARA AM
| $1 < a ($notAbove*) ; # backward case, account for reordering

<> a ; # THAI CHARACTER SARA A
<> i ; # THAI CHARACTER SARA II
| $1 < i ($notAbove*) ; # backward case, account for reordering

<> u ; # THAI CHARACTER SARA UEE
| $1 < u ($notAbove*) ; # backward case, account for reordering

<> u ; # THAI CHARACTER SARA UE
<> u ; # THAI CHARACTER SARA UU
| $1 < u ($notAbove*) ; # backward case, account for reordering

<> u ; # THAI CHARACTER SARA U

<> ‡ ; # THAI CHARACTER PAIYANNOI

# <> XXX ; # THAI CURRENCY SYMBOL BAHT

<> e ; # THAI CHARACTER SARA E
<> æ ; # THAI CHARACTER SARA AE
<> o ; # THAI CHARACTER SARA O
<> ; # THAI CHARACTER SARA AI MAIMUAN
<> i ; # THAI CHARACTER SARA AI MAIMALAI
<> ; # THAI CHARACTER LAKKHANGYAO
<> ; # THAI CHARACTER MAITAIKHU
<> ; # THAI CHARACTER MAI EK
<> ; # THAI CHARACTER MAI THO
<> ; # THAI CHARACTER MAI TRI
<> ; # THAI CHARACTER MAI CHATTAWA
<> ; # THAI CHARACTER THANTHAKHAT
<> '~' ; # THAI CHARACTER YAMAKKAN

# We deviate from ISO for disambiguation
<> ; # THAI CHARACTER NIKHAHIT
| k < g;
| k < h;
| c < j;
| k < q;
| s < z;

:: (lower);

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# For modern Greek, based on UNGEGN rules.
# Rules are predicated on running NFD first, and NFC afterwards
# MINIMAL FILTER GENERATED FOR: Greek-Latin/UNGEGN
# WARNING: need to add accents to both filters ###
# :: [µ·ÀÂÈÊÌÎÒÔÙÛàâèêìîòôùû-----------------------------------------] ;
:: [[[Greek:]][Mn:]:[Me:]][\+\-\*\?\u00B7\u037E\u0387] ;
::NFD (NFC) ;

# Useful variables

$lower = [[:latin:]:[greek:] & [:Ll:]] ;
$upper = [[:latin:]:[greek:] & [:Lu:]] ;
$accent = [[:Mn:]:[Me:]] ;

$macron = ;
$ddot = ;

$legvowel = [] ;
$ucgvowel = [] ;
$gvowel = [$legvowel $ucgvowel] ;
$legvowelC = [$legvowel $accent] ;

$evowel = [aeiouyAEIOUY] ;
$vowel = [ $evowel $gvowel] ;

$beforeLower = $accent * $lower ;

$gammaLike = [] ;
$egammaLike = [GKXCgkxc] ;
$smooth = ;
$srough = ;
$iotasub = ;

$softener = [$gvowel] ;

$sunder = ;

$caron = ;

$afterLetter = [:L:][\$accent]* ;
$beforeLetter = [\$accent]* [:L:] ;

# Fix punctuation

# preserve orginal
\ << \ $under ;
\? << \? $under ;
# Fix any ancient characters that creep in

> ;
> ;
> ;
$smooth > ;
$rough > ;
$iotasub > ;
> ;

# need to have these up here so the rules don't mask

<> $under ;
<> I $under ;

} $beforeLower <> Ps ;
<> PS ;
<> ps ;

<> o $under ;
<> O $under ;

# at beginning or end of word, convert mp to b

[^[:L:]$accent] {  > b ;
}[^[:L:]$accent] > b ;
[^[:L:]$accent] { [ ] ] > B ;
[ ] ] }[^[:L:]$accent] > B ;

< b ;
< B } $beforeLower ;
< B ;

# handle diphthongs ending with upsilon

<> ou ;
<> OU ;
<> Ou ;
<> oU ;

$fmaker = [aeiAEI] $under ? ;
$shiftForwardVowels = [[:Mn:]-[ua0308]] ; # note: a diaeresis keeps the items separate

$fmaker {  ( $shiftForwardVowels )* } $softener > $1 $under ;
$1 < ( $shiftForwardVowels )* v $under ;
$\text{fmaker} \{ (\text{ShiftForwardVowels})^* \} > $1 \ f \ $\text{sunder};
$\text{sunder} \ < (\text{ShiftForwardVowels})^* \ f \ $\text{sunder};

$\text{fmaker} \{ \} \ $\text{softener} \ < \ V \ $\text{sunder} ;
$\text{fmaker} \{ \} \ < \ U \ $\text{sunder} ;

<> y ;
<> Y ;

# NORMAL

<> a ;
<> A ;

<> v ;
<> V ;

} \ $\text{gammaLike} \ <> \ n \} \ $\text{gammaLike} ;
<> g ;
} \ $\text{gammaLike} \ <> \ N \} \ $\text{gammaLike} ;
<> G ;

<> d ;
<> D ;

<> e ;
<> E ;

<> z ;
<> Z ;

<> th ;
} \ $\text{beforeLower} \ <> \ Th ;
<> TH ;

<> i ;
<> I ;

<> k ;
<> K ;

<> l ;
<> L ;

<> m ;
<> M ;

---

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\{ $\gamma $ \text{Like} > n' ; \\
< > n ; \\
\} $\gamma $\text{Like} < > N' ; \\
< > N ; \\
< > x ; \\
< > X ; \\
< > o ; \\
< > O ; \\
< > p ; \\
< > P ; \\
< > r ; \\
< > R ; \\
\} [Pp] { } > ' ; \\
\} [Pp] { } > ; \\
\} \# \text{Caron means exception} \\
\# \text{before a letter, initial} \\
\} \$b e f o r e L e t t e r \ < > s \ \$u n d e r \ \$b e f o r e L e t t e r ; \\
\} \$b e f o r e L e t t e r \ < > s \ \$b e f o r e L e t t e r ; \\
\} \text{otherwise, after a letter = final} \\
\$a f t e r L e t t e r \ { \ < > \$a f t e r L e t t e r \ { s \ \$u n d e r ; \\
\$a f t e r L e t t e r \ { \ < > \$a f t e r L e t t e r \ { s ; \\
\} \# \text{otherwise (isolated) = initial} \\
< > s \ \$u n d e r ; \\
< > s ; \\
\} [Pp] { \ < > \$S ; \\
< > S ; \\
< > t ; \\
< > T ; \\
< > f ; \\
< > F ; \\
< > ch ; \\
\} \$b e f o r e L e t t e r \ < > Ch ; \\
< > CH ; \\
\} \# \text{Completeness for ASCII}
# $ignore = $ignore = [[:Mark:']'] * ;

| ch < h ;
| k < c ;
| i < j ;
| k < q ;
| b < u $vowel ;
| b < w $vowel ;
| y < u ;
| y < w ;

| Ch < H ;
| K < C ;
| I < J ;
| K < Q ;
| B < W $vowel ;
| B < U $vowel ;
| Y < W ;
| Y < U ;

# Completeness for Greek

> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
> | ;
μ > | ;

# delete any trailing ' marks used for roundtripping

< [ ] { } \ [Ss] ;
< [ ] { } SegammaLike ;

::NFC (NFD) ;

# MINIMAL FILTER GENERATED FOR: Latin-Greek/UNEGN BACKWARD
:: ([[:Latin:][:Mn:][:Me:] [\?]]) ;

Found in path(s):
No license file was found, but licenses were detected in source scan.

#-----------------------------------------------------------------------------------
# Copyright (c) 1999-2001, International Business Machines
# Corporation and others. All Rights Reserved.
#-----------------------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Bengali_InterIndic.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.11 $
#-----------------------------------------------------------------------------------

# Bengali-InterIndic

\u09C7\u09BE>\uE04B; # VOWEL SIGN O
\u09C7\u09D7>\uE04C; # VOWEL SIGN AU
\u0981>\uE001; # SIGN CANDRABINDU
\u0982>\uE002; # SIGN ANUSVARA
\u0983>\uE003; # SIGN VISARGA
\u0985>\uE005; # LETTER A
\u0986>\uE006; # LETTER AA
\u0987>\uE007; # LETTER I
\u0988>\uE008; # LETTER II
\u0989>\uE009; # LETTER U
\u098A>\uE00A; # LETTER UU
\u098B>\uE00B; # LETTER VOCALIC R
\u098C>\uE00C; # LETTER VOCALIC L
\u098D>\uE00D; # LETTER E
\u0990>\uE010; # LETTER AI
\u0993>\uE013; # LETTER O
\u0994>\uE014; # LETTER AU
\u0995>\uE015; # LETTER KA
\u0996>\uE016; # LETTER KHA
\u0997>\uE017; # LETTER GA
\u0998>\uE018; # LETTER GHA
\u0999>\uE019; # LETTER NGA
\u099A>\uE01A; # LETTER CA
\u099B>\uE01B; # LETTER CHA
\u099C>\uE01C; # LETTER JA
\u099D>\uE01D; # LETTER JHA
\u099E>\uE01E; # LETTER NYA
\u099F>\uE01F; # LETTER NYA
\u09A0>\uE020; # LETTER TTA
\u09A1>\uE021; # LETTER TTHA
\u09A2>\uE022; # LETTER DDHA
\u09A3>\uE023; # LETTER NNA
\u09A4>\uE024; # LETTER TA
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\u09F2>\ue073; # Bengali-InterIndic: RUPEE MARK
\u09F3>\ue074; # Bengali-InterIndic: RUPEE SIGN
\u09F4>\ue075; # Bengali-InterIndic: CURRENCY NUMERATOR ONE
\u09F5>\ue076; # Bengali-InterIndic: CURRENCY NUMERATOR TWO
\u09F6>\ue077; # Bengali-InterIndic: CURRENCY NUMERATOR THREE
\u09F7>\ue078; # Bengali-InterIndic: CURRENCY NUMERATOR FOUR
\u09F8>\ue079; # Bengali-InterIndic: CURRENCY NUMERATOR ONE LESS THAN THE DENOMINATOR
\u09F9>\ue07A; # Bengali-InterIndic: CURRENCY DENOMINATOR SIXTEEN
\u09FA>\ue07B; # ISSHAR
\u0964>\ue064;        # DANDA
\u0965>\ue065;        # DOUBLE DANDA
# :: NFC (NFD) ;
# eof

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Bengali_InterIndic.txt
No license file was found, but licenses were detected in source scan.

#-----------------------------------------------
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# Corporation and others. All Rights Reserved.
#-----------------------------------------------
#$Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Hiragana_Katakana.txt,v $
#$Date: 2002/03/02 00:27:27 $
#$Revision: 1.5 $
#-----------------------------------------------

# note: a global filter is more efficient, but MUST include all source chars
:: [\u0000-\u007E \u3001\u3002 \u3099-\u309C \u30A1-\u30FC \uFF61-\uFF9F;:Hiragana:;:Katakana:;)::
:: NFCK () ;

# Hiragana-Katakana

# This is largely a one-to-one mapping, but it has a
# few kinks:

# 1. The Katakana va/vi/ve/vo (30F7-30FA) have no
#   Hiragana equivalents. We use Hiragana wa/wi/we/wo
#   (308F-3092) with a voicing mark (3099), which is
#   semantically equivalent. However, this is a non-
#   roundtripping transformation.

# 2. The Katakana small ka/ke (30F5,30F6) have no
#   Hiragana equiavlents. We convert them to normal
#   Hiragana ka/ke (304B,3051). This is a one-way
# information-losing transformation and precludes
# round-tripping of 30F5 and 30F6.

# 3. The combining marks 3099-309C are in the Hiragana
# block, but they apply to Katakana as well, so we
# leave them untouched.

# 4. The Katakana prolonged sound mark 30FC doubles the
# preceding vowel. This is a one-way information-
# losing transformation from Katakana to Hiragana.

# 5. The Katakana middle dot separates words in foreign
# expressions; we leave this unmodified.

# The above points preclude successful round-trip
# transformations of arbitrary input text. However,
# they provide naturalistic results that should conform
# to user expectations.

# Combining equivalents va/vi/ve/vo
<> ;     
<> ;     
<> ;     
<> ;

# One-to-one mappings, main block
# 3041:3094 <> 30A1:30F4
# 309D,E <> 30FD,E
# One-way Katakana-Hiragana xform of small K ka/ke to
# normal H ka/ke.
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;
< ;

# Katakana followed by a prolonged sound mark 30FC has
# its final vowel doubled. This is a Katakana-Hiragana
# one-way information-losing transformation. We
# include the small Katakana (e.g., small A 3041) and
# do not distinguish them from their large
# counterparts. It doesn't make sense to double a
# small counterpart vowel as a small Hiragana vowel, so
# we don't do so. In natural text this should never
# occur anyway. If a 30FC is seen without a preceding
# vowel sound (e.g., after n 30F3) we do not change it.

### $long = ;

# The following categories are Hiragana, not Katakana
# as might be expected, since by the time we get to the
# 30FC, the preceding character will have already been
# transformed to Hiragana.

# {The following mechanically generated from the
# Unicode 3.0 data:}

$x = [ \n  \n
\ 
\ $\{\ $
\ $\{\ $
\ $\{\ $
\ $\{\ $
\ < $\{\ $
\ < $\{\ $
\ < $\{\ $
\ < $\{\ $
\ :: (NFKC) ;

# note: a global filter is more efficient, but MUST include all source chars!!
:: ([\u0000-\u007E \u3001\u3002 \u3099-\u309C \u30A1-\u30FF\[:Hiragana:\] \[:Katakana:]
[\[:nonspacing mark:]]));

# eof

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Hiragana_Katakana.txt
No license file was found, but licenses were detected in source scan.

#---------------------------------------------------------------
# Rules are predicated on running NFD first, and NFC afterwards
# :: [\u0000-\u007F \u0370-\u03FF [:Greek:] [:nonspacing mark:]] ;
# MINIMAL FILTER GENERATED FOR: Greek-Latin
# :: [\u00B5 \u00C4 \u00D6 \u0101 \u0112-\u0113 \u012A-\u012B \u0133-\u014D \u016A-\u016B \u0178-\u0188 \u0304 \u0308-\u0314 \u0338 \u038C \u038E \u0391 \u039A \u039D \u039E \u03A1-\u03A3 \u03E1 \u03E9 \u03ED-\u03EF-\u03F5 \u04D2-\u04DC \u1E14-\u1E17 \u1E20-\u1E21 \u1E26-\u1E27 \u1E7A \u1E85 \u1E8C \u1E8D \u1E97 \u1E99 \u1E9F \u1F00-\u1F15 \u1F18-\u1F1D \u1F20-\u1F45 \u1F48-\u1F4D \u1F50-\u1F57 \u1F59 \u1F5B \u1F5D-\u1F5F \u1F7D \u1FB4 \u1FB6-\u1FB8 \u1FC1 \u1FC4 \u1FC6 \u1FCC \u1FCF-\u1FD3 \u1FD6-\u1FDB \u1FDF \u1FE2-\u1FF2-\u1FF4 \u1FF6-\u1FFC \u2126] ;

:: NFD (NFC) ;

# TEST CASES

# —
# #
# #
# #

# Useful variables

$lower = [[[:latin:]:[:greek:] & [:Li:]]];
$glower = [[[:greek:] & [:Li:]]];
$upper = [[[:latin:]:[:greek:] & [:Lu:]]];
$accent = [[:M:]] ;

# NOTE: restrict to just the Greek & Latin accents that we care about
# TODO: broaden out once iteration is fixed
$accentMinus = [ ['u0300-'u0345] & [:M:] - ['u0338']] ;

$macron = ＿u0304 ;
$sddot = ＿u0308 ;
\$ddot\text{mac} = [\$ddot\text{macron}];

\$lcgvowel = [];  
\$ucgvowel = [];  
\$gvowel = [\$lcgvowel \$ucgvowel];  
\$lcgvowelC = [\$lcgvowel \$accent];

\$evowel = [aeiouyAEIOUY];  
\$evowel2 = [iuyIUY];  
\$vowel = [ \$evowel \$gvowel];

\$gammaLike = [];  
\$egammaLike = [GKXCgkxc];  
\$smooth = ;  
\$rough = ;  
\$iotasub = ;

\$evowel_i = [\$evowel-[iI]];  
\$evowel2_i = [uyUY];

\$underbar = \u0331;

\$afterLetter = [\[:L:\]] [\[:M:\]]*;  
\$beforeLetter = [\[:M:\]]* [\[:L:\]];  
\$beforeLower = \$accent * \$lower;

\$notLetter = [^[\[:L:\]][\[:M:\]]];  
\$under = ;

# Fix punctuation  
# preserve original  
\< <> \< \$under ;  
\? <> \? \$under ;

\< <> \? ;  
\* <> \;

# CIRCUMFLEX: convert greek circumflex to normal one. Could use tilde or inverted breve
\u0342 <> \u0302;

# IOTA: convert iota subscript to iota  
# first make previous alpha long!

\$accent_minus = [[\$accent]-[\$iotasub\$macron]];}

\$accent_minus * \$iotasub > | \$macron ;  
\$accent_minus * \$iotasub > | \$macron ;
# now convert to uppercase if after uppercase, ow to lowercase

$upper $accent * { $iotasub > I ;
$iotasub > i ;

| $1 $iotasub < ($evowel $smacron $accentMinus *) i ;
| $1 $iotasub < ($evowel $smacron $accentMinus *) I ;

# BREATHING

# Convert rough breathing to h, and move before letters.

# Make A ` x = > H a x

($smacron?) $rough } $beforeLower > H | $1;
$rough } $beforeLower > H | $1;
($ddot?) $rough } $beforeLower > H | $1;
$rough } $beforeLower > H | $1;
($ddot?) $rough } $beforeLower > H | $1;
$rough } $beforeLower > H | $1;
$rough } $beforeLower > H | $1;
($ddot?) $rough } $beforeLower > H | $1;

# Make A x ` = > H a x

($glower $smacron?) $rough > H | $1 ;
($glower) $rough > H | $1 ;
($glower) $rough > H | $1 ;
($glower $ddot?) $rough > H | $1 ;
($glower) $rough > H | $1 ;
($glower) $rough > H | $1 ;
($glower) $rough > H | $1 ;

# Otherwise, make x ` into h x and X ` into H X

($lcgvowel + $ddotmac? ) $rough > h | $1 ;
($gcvowel + $ddotmac? ) $rough > H | $1 ;

# Go backwards with H

| $1 $rough < h ($evowel $smacron $ddot? $evowel2_i $smacron?) ;
| $1 $rough < h ($evowel $ddot? $evowel2 $smacron?) ;
| $1 $rough < h ($evowel $smacron? $ddot?) ;

| $1 $rough < H ([AEIOUY] $smacron $ddot? $evowel2_i $smacron?) ;
| $1 $rough < H ([AEIOUY] $ddot? $evowel2 $smacron?) ;
| $1 $rough < H ([AEIOUY] $smacron? $ddot?) ;
# titlecase, have to fix individually
# in the future, we should add &uppercase() to make this easier

| A $1 $rough < H a ($macron $ddot? $evowel2_i $macron?) ;
| E $1 $rough < H e ($macron $ddot? $evowel2_i $macron?) ;
| I $1 $rough < H i ($macron $ddot? $evowel2_i $macron?) ;
| O $1 $rough < H o ($macron $ddot? $evowel2_i $macron?) ;
| U $1 $rough < H u ($macron $ddot? $evowel2_i $macron?) ;
| Y $1 $rough < H y ($macron $ddot? $evowel2_i $macron?) ;

| A $1 $rough < H a ($ddot? $evowel2 $macron?) ;
| E $1 $rough < H e ($ddot? $evowel2 $macron?) ;
| I $1 $rough < H i ($ddot? $evowel2 $macron?) ;
| O $1 $rough < H o ($ddot? $evowel2 $macron?) ;
| U $1 $rough < H u ($ddot? $evowel2 $macron?) ;
| Y $1 $rough < H y ($ddot? $evowel2 $macron?) ;

# Now do smooth

# delete smooth breathing for Latin
$smooth > ;

# insert in Greek
# the assumption is that all Marks are on letters.

| $1 $smooth < $notLetter { ([rR]) } [^hH$smooth$rough] ;
| $1 $smooth < $notLetter { ($evowel $macron? $evowel2 $macron?) } [^$smooth$rough] ;
| $1 $smooth < $notLetter { ($evowel $macron?) } [^$evowel2$smooth$rough] ;

# TODO: preserve smooth/rough breathing if not
# on initial vowel sequence

# need to have these up here so the rules don't mask

# remove now superfluous macron when returning

< A $macron ;
< a $macron ;
<> e $macron ;
<> E $macron ;
<> M;

} $gammaLike > nV;
<> n;
} $gammaLike <> NV;
<> N;

<> x;
<> X;

<> o;
<> O;

<> p;
<> P;

$rough <> rh;
$rough } $beforeLower <> Rh;
$rough <> RH;
<> r;
<> R;

# insert separator

[Pp] { } > \';
[Pp] { } > \';

# underbar means exception

# before a letter, initial
} $beforeLetter <> s } $underbar } $beforeLetter;
} $beforeLetter <> s } $beforeLetter;

# otherwise, after a letter = final
$afterLetter { } <> $afterLetter { s } $underbar;
$afterLetter { } <> $afterLetter { s ;

# otherwise (isolated) = initial
<> s } $underbar;
<> s ;

[Pp] { } <> \S ;
<> S ;

<> t;
<> T ;

$vowel { } <> u ;
<> y ;
Svowel { <> U ;
<> Y ;

<> ch ;
} $beforeLower <> Ch ;
<> CH ;

# Completeness for ASCII

$ignore = [[:Mark:]] * ;

| k < c ;
| ph < f ;
| i < j ;
| k < q ;
| b < v } $vowel ;
| b < w } $vowel ;
| u < v ;
| u < w ;
| K < C ;
| Ph < F ;
| I < J ;
| K < Q ;
| B < V } $vowel ;
| B < W } $vowel ;
| U < V ;
| U < W ;

$rough } $ignore [[:UppercaseLetter:]] > H ;
Signore [:UppercaseLetter:] { $rough > H ;
$rough < H ;
$rough <> h ;

# Completeness for Greek

> | ;
> | ;
> | ;
> | ;
> | ;

> | ;
> | ;
> | ;
> | ;
Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_Greek_Latin.txt
No license file was found, but licenses were detected in source scan.

# InterIndic-Malayalam  
#:: NFC (NFD) ;  
#  # copy right (c) 1999-2001, international business machines  
#  # corporation and others. all rights reserved.  
#  # source:/usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Malayalam.txt,v $  
#  # date: 2002/09/19 18:11:23 $  
#  # revision: 1.9 $  
#  # open source used in data center network manager 11 11.5(4) 13594

\u0e01>\u0d02; # remap (indicExceptions.txt): \u0d01>\u0d02 = sign candrabindu>sign anusvara
\u0e02>\u0d02; # sign anusvara
\u0e03>\u0d03; # sign visarga
\u0e05>\u0d05; # letter A
\u0e06>\u0d06; # letter AA
\u0e07>\u0d07; # letter i
\u0e08>\u0d08; # letter u
Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Malayalam.txt
No license file was found, but licenses were detected in source scan.

# note: a global filter is more efficient, but MUST include all source chars
### WARNING -- must add width filter, both here and below!!! ###

:: \[
\text{[Latin:]} \text{ fullwidth-halfwidth ();}
\text{NFD (NFC);} \\
\text{Lower ();} # whenever transliterating from cased to uncased script, include this \\
# :: NFD (); # this would catch the odd cases where a lowercase is not in NFD, but none are important for Japanese

# Uses modified Hepburn. Small changes to make unambiguous.

# | Kunrei-shiki: Hepburn/MHepburn
# | ------------------------------
# | si: shi
# | si ~ya: sha
# | si ~yu: shu
# | si ~yo: sho
# | zi: ji
# | zi ~ya: ja
# | zi ~yu: ju
# | zi ~yo: jo
# | ti: chi
# | ti ~ya: cha
# | ti ~yu: chu
# | ti ~yu: cho
# | tu: tsu
# | di: ji/dji
# | du: zu/dzu
# | hu: fu

# | For foreign words:
# | -----------------
# | se ~i si
# | si ~e she
# |
# | ze ~i zi
# | zi ~e je
# |
# | te ~i ti
# | ti ~e che
Most small forms are generated, but if necessary explicit small forms are given with ~a, ~ya, etc.

# Variables

$vowel = [aeiou] ;
$consonant = [bcdfghjklmnpqrstvwxyz] ;
$macron = \u0304 ;

# Variables used for doubled-consonants with tsu

$kana = [\u3041-\u3094] ;
$voice = [\u3099\u309B];
$semivoice = [\u309A\u309C];

$k_start = [] ;
$s_start = [] ;
$j_start = [] $voice ;
$t_start = [] ;
$n_start = [] ;
$h_start = [] ;
$f_start = [] ;
$m_start = [] ;
$y_start = [] ;
$r_start = [] ;
$w_start = [] ;

$y_start = [] ;

# if is followed by $n_quoter, then it needs an
# apostrophe after its romaji form to disambiguate it.
# e.g., ! = , so represent as "n'a", not "na".
$n_quoter = [] ;

$small_y = [] ;

$iteration = \u309D ;

# --------------------------------------------
# katakana rules
# Punctuation

'.' <> ;
'.' <> ;
# ' ' } [a-z] > ; # delete spaces before latin
# ' ' < \[^' '\u30A0-\u30ff\] \{} \{\u30A0-\u30ff\} ; #insert spaces before hiragana

# Iteration Mark
# Copy previous letter & marks

# TODO
# | $1 $1 < ($kana [:M:]$voice$semivoice)? $iteration

# Specials for katakana -- not shared with hiragana

va <> ;
vi <> ;
ve <> ;
vo <> ;
'~ka' <> ;
'~ke' <> ;

# ~~~ begin shared rules ~~~

#special

ya < '〜';
yi < '〜';
yu < '〜';
ye < '〜';
yo < '〜';
#normal

a <> ;

b | '-' < | small_y ; 
by } $vowel > | '-'y' ;

ba <> ;
bi <> ;
bu <> ;
be <> ;
bo <> ;

c ] i > | s ;
c ] e > | s ;

da <> ;
di <> ;
du <> ;
de <> ;
do <> ;
dzu <> ;
dja < ;
dji'~i' < ; # liu
dju < ;
dje < ;
djo < ;
dji <> ;
dj } $vowel > | '-'y' ;

# TODO: QUESTION: use instead of dj, dz

cha < ;
chi'~i' < ; # liu
chu < ;
che < ;
cho < ;
chi <> ;
ch ] $vowel > | '-'y' ;

e <> ;

g | '-' < | small_y ;
gy } $vowel > | '-'y' ;

ga <> ;
gi <> ;
pa <> ;
pi <> ;
pu <> ;
pe <> ;
po <> ;

h |_| 'y' ;
hy } $vowel > 'y' ;

ha <> ;
hi <> ;
hu <> ;
he <> ;
ho <> ;

# f |_| 'y' ;
# f } $vowel > 'y' ;

fa <> ;
fi <> ;
fe <> ;
fo <> ;
fu <> ;

r |_| 'y' ;
ry } $vowel > 'y' ;

ra <> ;
ri <> ;
ru <> ;
re <> ;
ro <> ;

za <> ;
zi <> ;
zu <> ;
ze <> ;
zo <> ;

sa <> ;
si <> ;
su <> ;
se <> ;
so <> ;

sha < ;
shi'-'i' < ; # liu
shu < ;
sh < ;
sho < ;
shi <= ;
sh | $vowel > |'ـy' ;

ta <= ;
ti <= ;
tu <= ;
te <= ;
to <= ;
tsu <= ;

# v | $vowel > |'ـ' ;

#v~a <= ; # liu
#v~i <= ; # liu
#v~e <= ; # liu
#v~o <= ; # liu
vu <= ;
u <= ;

# w | $vowel > |'ـ' ;

wa <= ;
wi <= ;
wu <= ;
we <= ;
wo <= ;

ya <= ;
yi > ;
yu <= ;
ye > ;
yo <= ;

# double consonants

# specials
s | sh > ;
t | ch > ;

# voiced
j | j <= } $j_start ;
b | b <= } [$sh_start$f_start] $voice ;
d} d <> } $t_start $voice;
g} g <> } $k_start $voice;
p} p <> } [Sh_start$fr_start] $semivoice;
# v} v <> } [] $voice;
z} z <> } $s_start $voice;
v} v <> } $v_start;

# normal

k} k <> } $k_start;
m} m <> } $m_start;
n} n <> } $n_start;
h} h <> } $h_start;
f} f <> } $f_start;
r} r <> } $r_start;
t} t <> } $t_start;
s} s <> } $s_start;

w} w <> } $w_start;
y} y <> } $y_start;

# completeness

x} x > ;
c} k > ;
c} c > ;
c} q > ;
l} l > ;
q} q > ;
# y} y > ;
# w} w > ;

# prolonged vowel mark. this indicates a doubling of
# the preceding vowel sound

#a} a { ; # liu
#e} e { ; # liu
#i} i { ; # liu
#o} o { ; # liu
#u} u { ; # liu

$macron <> ;

# small forms

'-'a} <> ;
'-'i} <> ;
'-'u} <> ;
'-'e} <> ;
'~o' <> ;
'~tsu' <> ;
'~wa' <> ;
'~ya' <> ;
'~yi' > ;
'~yu' <> ;
'~ye' > ;
'~yo' <> ;

# iteration marks
# TODO: make more accurate
j $1 < sh (y* $vowel) {$voice ;
dj $1 < ch (y* $vowel) {$voice ;
dz $1 < ts (y* $vowel) {$voice ;
g $1 < k (y* $vowel) {$voice ;
z $1 < s (y* $vowel) {$voice ;
d $1 < t (y* $vowel) {$voice ;
h $1 < b (y* $vowel) {$voice ;
v $1 < w (y* $vowel) {$voice ;

sh $1 < sh (y* $vowel) {$voice ;
j $1 < j (y* $vowel) {$voice ;
ch $1 < ch (y* $vowel) {$voice ;
dj $1 < dj(y* $vowel) {$voice ;
ts $1 < ts (y* $vowel) {$voice ;
dz $1 < dz (y* $vowel) {$voice ;

S1 < ($consonant y* $vowel) {$voice? ;
S1 < (. ) { $voice? ; # otherwise repeat last character
< $voice? ; # delete if no characters found

# h- rule: lengthens vowel if not followed by a vowel

[aeiou ] h > ;

# one-way latin- > kana rules. these do not occur in
# well-formed romaji representing actual japanese text.
# their purpose is to make all romaji map to kana of
# some sort.

# the following are not really necessary, but produce
# slightly more natural results.

cy > ;
dy > ;
hy > ;
sy > ;
ty > ;
zy > ;

h > ;

# isolated consonants listed here so as not to mask
# longer rules above.

ch > ;
sh > ;
dz > ;
dj > ;

b > ;
d > ;
g > ;
k > ;
m > ;
n" < | $n_quoter ;
n <> ;
p > ;
r > ;
s > ;
t > ;
y > ;
z > ;
v > ;

f > ;
j > ;
w > ;

ß > | ss ;
æ > | e ;
ð > | d ;
ø > | u ;
þ > | th ;

# simple substitutions using backup

c > | k ;
l > | r ;
q > | k ;
x > | ks ;

# ~~~ END shared rules ~~~
Final cleanup

'~' > ; # delete stray tildes between letters
[:Katakana:] { } [:Latin:] > ; # delete stray quotes between letters
# [u02BE][Nonspaceing Mark:][u3099-u309C] > ; # delete any non-spacing marks that we didn't use
:: NFC (NFD);
:: ([:Katakana:] halfwidth-fullwidth);

# note: a global filter is more efficient, but MUST include all source chars!!
#:: ([u0000-u007E \u3001\u3002 \u3099\u309C \u30A1\u30FC \uFF61\uFF9F [:Latin:][:Katakana:]
#: [nonspaceing mark:]]);
# MINIMAL FILTER GENERATED FOR: Latin-Katakana BACKWARD
:#:: ([\u0000\u007E \u3001\u3002 \u3099\u309C \u30A1\u30FC \uFF61\uFF9F [:Latin:][:Katakana:]
#: [nonspaceing mark:]]);
# eof

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Latin_Katakana.txt
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# Copyright (c) 1999-2001, International Business Machines
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Arabic_Latin.txt,v $
# $Date: 2002/07/15 23:26:26 $
# $Revision: 1.3 $
# $Author: fwe $
# $HeadURL: /cvsroot/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Arabic_Latin.txt,v $
# $ChangeLog: $ 
# # Generaly follows UNGEGN <http://www.eki.ee/wgrs/rom1_ar.pdf>
# # Occasionally deviates in the direction of ISO 233 <http://homepage.mac.com/sirbinks/pdf/Arabic.pdf>
# # a) where required for disambiguation.
# # b) with underdot instead of cedilla for letter like SAD, since
# # those are explicitly in Unicode for transliteration.
# # c) with extra non-Arabic-language letters, like PEH

# Does *not* do assimilation of "al", nor hyphenation.
# While it could be done, we need to determine whether a prefix "al" could
# occur other than as the definite article (since no space is used).
:: ([:Arabic:] [u060C\u061B\u061F\u0640\u064B-u0655\u0660\u0666\u06F0-u06F9\uFDFC]) ;
:: NFKD (NFC);
$\$\text{disambig} = \$;
$\$\text{disambig2} = \$;
$\$\text{under} = \$;

$\$\text{notAbove} = [[:^ccc=0:]&[:^ccc=230:]];

# non-letters

<> '.' $\$\text{disambig}; # ARABIC DECIMAL SEPARATOR
<> ',' $\$\text{disambig}; # ARABIC THOUSANDS SEPARATOR
# <> ; # ARABIC FIVE POINTED STAR // no need to transliterate

<> '.'; # ARABIC COMMA
<> ':'; # ARABIC SEMICOLON
<> '?'; # ARABIC QUESTION MARK
<> '%' ; # ARABIC PERCENT SIGN

<> 0 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT ZERO
<> 1 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT ONE
<> 2 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT TWO
<> 3 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT THREE
<> 4 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT FOUR
<> 5 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT FIVE
<> 6 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT SIX
<> 7 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT SEVEN
<> 8 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT EIGHT
<> 9 $\$\text{disambig}; # EXTENDED ARABIC-INDIC DIGIT NINE

<> 0 ; # ARABIC-INDIC DIGIT ZERO
<> 1 ; # ARABIC-INDIC DIGIT ONE
<> 2 ; # ARABIC-INDIC DIGIT TWO
<> 3 ; # ARABIC-INDIC DIGIT THREE
<> 4 ; # ARABIC-INDIC DIGIT FOUR
<> 5 ; # ARABIC-INDIC DIGIT FIVE
<> 6 ; # ARABIC-INDIC DIGIT SIX
<> 7 ; # ARABIC-INDIC DIGIT SEVEN
<> 8 ; # ARABIC-INDIC DIGIT EIGHT
<> 9 ; # ARABIC-INDIC DIGIT NINE

# letters

# long vowels
<> a ; # ARABIC FATHA, ARABIC LETTER ALEF
<> u ; # ARABIC DAMMA, ARABIC LETTER WAW
<> i ; # ARABIC KASRA, ARABIC LETTER YEH

# longer items moved here to prevent masking
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# WARNING: special case
# <t, umlaut, half-ring below> will be canonically ordered as <t, half-ring below, umlaut>
# so on the return, we have to skip over (but preserve) the half-ring below (or others like it)
#  < t ; # LATIN SMALL LETTER T, COMBINING RIGHT HALF RING BELOW, COMBINING DIAERESIS

< t \u0308 ; # ARABIC LETTER TEH MARBUTA
| $1 < t ($notAbove+) \u0308 ; # ARABIC LETTER TEH MARBUTA

# non-Arabic language
< z h $disambig ; # ARABIC LETTER JEH
< n $disambig g ; # ARABIC LETTER NG
< v $disambig ; # ARABIC LETTER VE
< y $disambig2 ; # ARABIC LETTER Farsi Yeh

# Arabic language

< ; # ARABIC LETTER HAMZA
< a $under; # ARABIC LETTER ALEF
< b ; # ARABIC LETTER BEH
< t ; # ARABIC LETTER TEH
< j ; # ARABIC LETTER JEEM
< h $under ; # ARABIC LETTER HAH
< k h $disambig ; # ARABIC LETTER KHAH
< d ; # ARABIC LETTER DAL
< r ; # ARABIC LETTER REH
< z ; # ARABIC LETTER ZAIN
< s ; # ARABIC LETTER SEEN
< > ; # ARABIC LETTER AIN
> ; # ARABIC TATWEEL
< f ; # ARABIC LETTER FEH
< q ; # ARABIC LETTER QAF
< k ; # ARABIC LETTER KAF
< l ; # ARABIC LETTER LAM
< m ; # ARABIC LETTER MEEM
< n ; # ARABIC LETTER NOON
< h ; # ARABIC LETTER HEH
< w ; # ARABIC LETTER WAW
< y $disambig ; # ARABIC LETTER ALEF MAKSURA
< y ; # ARABIC LETTER YEH
# special combining marks
<> ; # ARABIC FATHATAN
<> u ; # ARABIC DAMMATAN
<> i ; # ARABIC KASRATAN
<> a ; # ARABIC FATHA
<> u ; # ARABIC DAMMA
<> i ; # ARABIC KASRA
<> ; # ARABIC SHADDA
<> ; # ARABIC SUKUN

# Some non-Arabic language (not in UNGEGN)
<> p ; # ARABIC LETTER PEH
<> c h $disambig ; # ARABIC LETTER TCHEH
<> v ; # ARABIC LETTER VEH
# <> v $disambig ; # ARABIC LETTER FEH WITH THREE DOTS BELOW
# <> f $disambig ; # ARABIC LETTER FEH WITH DOT MOVED BELOW
<> g ; # ARABIC LETTER GAF

# fallbacks
| s < c ] [eiy];
| k < c ;
| i < e ;
| u < o ;
| ks < x ;
| n < ;

:: (lower);
::NFC (NFD);
:: ( [[:Latin:] [%,.0-9;?u02BE-u02BF\u0302-\u0304\u0308-\u030A\u0323\u0330-\u0331\u0339\u037E]] );

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_Arabic_Latin.txt

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#----------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Any_Publishing.txt,v $
# $Date: 2001/10/23 00:23:46 $
# $Revision: 1.4 $
#----------------------------------------------------------------------
# Test case
# "The" "(quick)" (brown') `fox` ` jumped -- "over?"

# Variables

$single = '\';
$space = ' ';
$double = " ";
$back = '\';
$tab = '\u0008';
$makeRight = [[:Z:][:Ps:][:Pi:]]$ ;

# fix UNIX quotes

$back $back > " ;
$back > ' ;

# fix typewriter quotes, by context

$makeRight {$double} <> " ;
$double <> " ;

$makeRight {$single} <> ' ;
$single <> ' ;

# fix multiple spaces and hyphens

$space {$space} > ;
'--' <> — ;

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Any_Publishing.txt
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#--
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Kannada.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.10 $
#--

# InterIndic-Kannada
#: NFD (NFC) ;
\ue032\ue03c>\u0cde; # LETTER FA
\ue001>\u0c82; # REMAP (indicExceptions.txt); \u0c81>\u0c82 = SIGN CANDRABINDU>SIGN ANUSVARA
Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Kannada.txt
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Thai_ThaiLogical.txt,v $
# This reverses the Thai LogicalOrderException vowels, and does (part of) spaces
# The rules that convert space into semicolon are in another file;
# since they have to come BEFORE the break iterator

$thai = [:thai:] [u0E01-u0E3A|u0E40-u0E5B] ;

# First convert the semicolon back

' ' < $thai { ';' } $thai;

# Remove any other spaces between thai letters

< $thai { ' ' } $thai;

# Now vowels
$thai_reversing = [:Logical_Order_Exception:] & $thai;
$thai_non_reversing = [$thai - $thai_reversing ];

( $thai_reversing ) ( $thai_non_reversing ) > $2 $1;
# other direction
$2 $1 < ( $thai_non_reversing ) ( $thai_reversing ) ;

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Thai_ThaiLogical.txt
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# InterIndic-Telugu
#$:: NFD (NFC) ;
\ue001>\u0c01; # SIGN CANDRABINDU
\ue002>\u0c02; # SIGN ANUSVARA
\ue003>\u0c03; # SIGN VISARGA
\ue005>\u0c05; # LETTER A
\ue006>\u0c06; # LETTER AA
\ue007>\u0c07; # LETTER I
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Cyrillic_Latin.txt,v $
# $Date: 2001/12/01 00:14:55 $
# $Revision: 1.9 $
# TODO: add remaining characters
# Should add variants for Russian-English, Russian-German
# Those can use this as a base, and then remap cases
# like a $hat to ya or ja.

# :: [\u0000-\u007E \u2010-\u201C \u2112-\u211F \u2212-\u221E \u2460-\u2464 \u2560-\u2564 \u0400-\u045F \u0491-\u04F6 \u1E1C-\u1E1F \u02B9 \u02BA [:Cyrillic:] [:Latin:] [:nonspacing mark:] ] ;
### WARNING, \u0308 must be added to the generated filters, in both directions ###
# MINIMAL FILTER
:: [\u0308\u0102-\u0103\u0114-\u0115\u011f\u012C-\u012D\u014E-\u014F\u016C-\u016D\u0306\u0400-\u045F\u0491-\u04F6\u0498-\u0499\u04C1-\u04C2\u04D0-\u04DF\u04E2-\u04E7\u04EC-\u04F5\u04F8-\u04F9\u011C-\u011E-\u011F-\u012C\u014E-\u014F-\u016C-\u016D-\u0306-\u0400-\u045F\u0491-\u04F6-\u0498-\u0499-\u04C1-\u04C2-\u04D0-\u04DF-\u04E2-\u04E7-\u04EC-\u04F5-\u04F8-\u04F9\u011C-\u011E-\u011F-\u012C\u014E-\u014F-\u016C-\u016D-\u0306-\u0400-\u045F\u0491-\u04F6-\u0498-\u0499-\u04C1-\u04C2-\u04D0-\u04DF-\u04E2-\u04E7-\u04EC-\u04F5-\u04F8-\u04F9\u1E1C-\u1E1D-\u1E1E-\u1EB7-\u1FD0-\u1FD8-\u1FE0-\u1FE8 ] ;
:: NFD (NFC) ;

$modprime = \u02B9;
$modprime2 = \u02BA;

$grave = \u0300;
$acute = \u0301;
$hat = \u0302;
$breve = \u0306 ;
$dot = \u0307 ;
$caron = \u030C ;
$comma = \u0326 ;
$under = \u0331 ;

# move up so not masked
<> a $hat ; # CYRILLIC SMALL LETTER YA
<> A $hat ; # CYRILLIC CAPITAL LETTER YA

<> c $caron ; # CYRILLIC SMALL LETTER CHE
<> C $caron; # CYRILLIC CAPITAL LETTER CHE
# <> XXX ; # CYRILLIC SMALL LETTER CHE WITH DESCENDER
# <> XXX ; # CYRILLIC CAPITAL LETTER CHE WITH DESCENDER
# <> XXX ; # CYRILLIC SMALL LETTER KHAKAASSIAN CHE
# <> XXX ; # CYRILLIC CAPITAL LETTER KHAKAASSIAN CHE
# <> XXX ; # CYRILLIC SMALL LETTER CHE WITH VERTICAL STROKE
# <> XXX ; # CYRILLIC CAPITAL LETTER CHE WITH VERTICAL STROKE

<> e $acute; # CYRILLIC SMALL LETTER E
<> E $acute; # CYRILLIC CAPITAL LETTER E
<> e $hat; # CYRILLIC SMALL LETTER UKRAINIAN IE
<> E $hat; # CYRILLIC CAPITAL LETTER UKRAINIAN IE

<> s $caron ; # CYRILLIC SMALL LETTER SHA
<> S $caron ; # CYRILLIC CAPITAL LETTER SHA
<> s $hat ; # CYRILLIC SMALL LETTER SHCHA
<> S $hat; # CYRILLIC CAPITAL LETTER SHCHA
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# Completeness
$ignore = \{[:Mark:]\} * ;
| k < q ;
| K < Q ;
| u < w ;
| U < W ;
| KS < X } $ignore \[:UppercaseLetter:\] ;
| KS < [:UppercaseLetter:] $ignore \{ X ;
| Ks < X ;
| ks < x ;

:: NFC (NFD) ;
# note: a global filter is more efficient, but MUST include all source chars!!
#: (\[u0000-u007E \u02B9 \u02BA [:Cyrillic:] [:Latin:] [:nonspacing mark:]\));
# MINIMAL FILTER: Latin-Cyrillic
:: (\[u0308A-Za-zu00C0-u00CFu00D1-u00D6u00D9-u00DDu00E0-u00EFu00F1-u00F6u00F9-
\u00FDu00FF-u0125u0128-u0130u0134-u0137u0139-u013Eu0143-u0148u014C-u0151u0154-
\u016Bu0168-u017Eu018Fu01A0-u01A1u01AF-u01B0u01CD-u01DCu01DE-u01E3u01E6-u01F0u01F4-
\u01F5u01F8-u021Bu021Eu0226-u0233u0259u02B9-u02BAu0300-u0302u0306-
\u0307u030Cu0326u0331u0340-u0341u0344u0374u0385-u0386u0388-u038Au038Cu038E-
\u0390u03ACu03B0u03CC-u03CEu03D3u0400u0403u0405u0406u0408u040Bu040Du0419u0439u0450u0453u045C-
\u045Eu04C1-u04C2u04D0-u04D1u04D6-u04D7u0E00-u1E99u1E9Bu1EA0-u1EF9u1F02-u1F05u1F0A-
\u1F0Du1F12-u1F15u1F1Au1F1Du1F22-u1F25u1F2Au1F2Du1F35u1F3Au1F3Du1F42-
\u1F45u1F4Au1F4Du1F52-u1F55u1F5Bu1F5Du1F62-u1F65u1F6Au1F6Du1F70-u1F7Du1F82-
\u1F85u1F8Au1F8Du1F92-u1F95u1F9Au1F9Du1FA2-u1FA5u1FAA-
\u1FADu1FB0u1FB2u1FB4u1FBBu1FBA-u1FBBu1FC2u1FC4u1FC8-u1FCBu1FCD-
\u1FCEu1FD0u1FD2-u1FD3u1FD8u1FDA-u1FDBu1FDD-u1FDEu1FE0u1FE2-u1FE3u1FE8u1FEA-
\u1FEBu1FED-u1FEEu1FF2u1FF4u1FF8-u1FBBu212A-u212B\} ) ;

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Cyrillic_Latin.txt
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#----------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Tamil_InterIndic.txt,v $
# $Date: 2002/07/25 21:20:26 $
# $Revision: 1.8 $
#----------------------------------------------------------------------

# Tamil-InterIndic
#: NFC (NFC) :
\u0BC6u0B8E>\uE04A;# VOWEL SIGN O
\u0BC7u0B8E>\uE04B;# VOWEL SIGN OO
\u0BC6u0B8D>\uE04C;# VOWEL SIGN AU
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Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1.jar/com/ibm/icu/impl/data/Transliterator_Tamil_InterIndic.txt

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#- N.B. DO NOT put any filters, NFD, etc. here -- those are aliased in
#- the INDEX file. This transliterator is, by itself, not
#- instantiated. It is used as a part of Latin-Jamo, Latin-Hangul, or
#- inverses thereof.

# Transliteration from Latin characters to Korean script is done in
# two steps: Latin to Jamo, then Jamo to Hangul. The Jamo-Hangul
# transliteration is done algorithmically following Unicode 3.0
# section 3.11. This file implements the Latin to Jamo
# transliteration using rules.

# Jamo occupy the block 1100-11FF. Within this block there are three
# groups of characters: initial consonants or choseong (I), medial
# vowels or jungseong (M), and trailing consonants or jongseong (F).
# Standard Korean syllables are of the form I+M+F*.
Section 3.11 describes the use of 'filler' jamo to convert nonstandard syllables to standard form: the choseong filler 115F and the junseong filler 1160. In this transliterator, we will not use # 115F or 1160.

We will, however, insert two 'null' jamo to make foreign words conform to Korean syllable structure. These are the null initial consonant 110B (IEUNG) and the null vowel 1173 (EU). In Latin text, we will use the separator in order to disambiguate strings, e.g. "kan-ggan" (initial GG) vs. "kanggan" (final NG + initial G).

We will not use all of the characters in the jamo block. We will only use the 19 initials, 21 medials, and 27 finals possessing a jamo short name as defined in section 4.4 of the Unicode book.

Rules of thumb. These guidelines provide the basic framework for the rules. They are phrased in terms of Latin-Jamo transliteration. The Jamo-Latin rules derive from these, since the Jamo-Latin rules are just context-free transliteration of jamo to corresponding short names, with the addition of separators to maintain round-trip integrity in the context of the Latin-Jamo rules.

A sequence of vowels:
- Take the longest sequence you can. If there are too many, or you don't have a starting consonant, introduce a 110B necessary.

A sequence of consonants.
- First join the double consonants: G + G -> GG
- In the remaining list,
  -- If there is no preceding vowel, take the first consonant, and insert EU after it. Continue with the rest of the consonants.
  -- If there is one consonant, attach to the following vowel
  -- If there are two consonants and a following vowel, attach one to the preceding vowel, and one to the following vowel.
  -- If there are more than two consonants, join the first two together if you can: L + G => LG
  -- If you still end up with more than 2 consonants, insert EU after the first one, and continue with the rest of the consonants.

Variables

Some latin consonants or consonant pairs only occur as initials, and some only as finals, but some occur as both. This makes some jamo consonants ambiguous when transliterated into Latin.

Initial only: IEUNG BB DD JJ R
Final only: BS GS L LB LG LH LM LP LS LT NG NH NJ
Initial and Final: B C D G GG H J K M N P S SS T
$Gi = \u1100;
$GGi = \u1101;
$Ni = \u1102;
$Di = \u1103;
$DD = \u1104;
$R = \u1105;
$Mi = \u1106;
$Bi = \u1107;
$BB = \u1108;
$Si = \u1109;
$SSi = \u110A;
$IEUNG = \u110B; # null initial, inserted during Latin-Jamo
$Ji = \u110C;
$JJ = \u110D;
$Ci = \u110E;
$Ki = \u110F;
$Ti = \u1110;
$Pi = \u1111;
$Hi = \u1112;

$A = \u1161;
$AE = \u1162;
$YA = \u1163;
$YAE = \u1164;
$EO = \u1165;
$E = \u1166;
$YEO = \u1167;
$YE = \u1168;
$O = \u1169;
$WA = \u116A;
$WAE = \u116B;
$OE = \u116C;
$YO = \u116D;
$U = \u116E;
$WEO = \u116F;
$WE = \u1170;
$WI = \u1171;
$YU = \u1172;
$EU = \u1173; # null medial, inserted during Latin-Jamo
$YI = \u1174;
$I = \u1175;

$Gf = \u11A8;
$GGf = \u11A9;
$GS = \u11AA;
$Nf = \u11AB;
$NJ = \u11AC;
$NH = \u11AD;
$Df = \u11AE;
$L = \u11AF;
$LG = \u11B0;
$LM = \u11B1;
$LB = \u11B2;
$LS = \u11B3;
$LT = \u11B4;
$LP = \u11B5;
$LH = \u11B6;
$MF = \u11B7;
$BF = \u11B8;
$BS = \u11B9;
$SF = \u11BA;
$SSF = \u11BB;
$NG = \u11BC;
$JF = \u11BD;
$CF = \u11BE;
$KF = \u11BF;
$TF = \u11C0;
$PF = \u11C1;
$HF = \u11C2;

$jamoInitial = [\u1100-\u1112];

$jamoMedial = [\u1161-\u1175];

$latinInitial = [bcdghjkmnprst];

# Any character in the latin transliteration of a medial
$latinMedial = [aeiouwy];

# The last character of the latin transliteration of a medial
$latinMedialEnd = [aeiou];

# Disambiguation separator
$sep = \;

#------------------------

# Jamo-Latin

# Jamo to latin is relatively simple, since it is the latin that is
# ambiguous. Most rules are straightforward, and we encode them below
# as simple add-on back rule, e.g.:

# $jamoMedial {bs} > $BS;

# becomes
# $jamoMedial {bs} <> $BS;

# Furthermore, we don't care about the ordering for Jamo-Latin because
# we are going from single characters, so we can very easily piggyback
# on the Latin-Jamo.

# The main issue with Jamo-Latin is when to insert separators.
# Separators are inserted to obtain correct round trip behavior. For
# example, the sequence Ki A Gf Gi E, if transliterated to "kagge",
# would then round trip to Ki A GGi E. To prevent this, we insert a
# separator: "kag-ge". IMPORTANT: The need for separators depends
# very specifically on the behavior of the Latin-Jamo rules. A change
# in the Latin-Jamo behavior can completely change the way the
# separator insertion must be done.

# First try to preserve actual separators in the jamo text by doubling
# them. This fixes problems like:
# -- if we don't care about losing separators in the jamo, we can delete
# this rule.

$sep $sep <> $sep;

# Triple consonants. For three consonants "axxx" we insert a
# separator between the first and second "x" if XXf, Xf, and Xi all
# exist, and we have A Xf XXi. This prevents the reverse
# transliteration to A XXf Xi.

$sep < $latinMedialEnd g {} $GGi;
$sep < $latinMedialEnd s {} $SSi;

# For vowels the rule is similar. If there is a vowel "ae" such that
# "a" by itself and "e" by itself are vowels, then we want to map A E
# to "a-e" so as not to round trip to AE. However, in the text Ki EO
# IEUNG E we don't need to map to "keo-e". "keoe" suffices. For
# vowels of the form "aei", both "ae" + "i" and "a" + "ei" must be
# tested. NOTE: These rules used to have a left context of
# $latinInitial instead of [$latinMedial]. The problem with this is
# sequences where an initial IEUNG is transliterated away:
# (IEUNG)(A)(IEUNG)(EO) => aeo => (IEUNG)(AE)(IEUNG)(O)

$sep < [$latinMedial] [y w] e {} [SO SOE];
$sep < [$latinMedial] e {} [SO SOE $U];
$sep < [$latinMedial] [o a] {} [SE SEO $EU];
$sep < [$latinMedial] [w y] a {} [SE SEO $EU];
# Similar to the above, but with an intervening $IEUNG.

$sep < [^$latinMedial] [y w] e \{ \} $IEUNG [SO SOE];
$sep < [^$latinMedial] e \{ \} $IEUNG [SO SOE SU];
$sep < [^$latinMedial] [o a] \{ \} $IEUNG [SE SEO SEU];
$sep < [^$latinMedial] [w y] a \{ \} $IEUNG [SE SEO SEU];

# Single finals followed by IEUNG. The jamo sequence A Xi IEUNG E,
# where Xi also exists, must be transliterated as "ax-e" to prevent
# the round trip conversion to A Xi E.

$sep < $latinMedialEnd b \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd c \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd d \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd g \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd h \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd j \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd k \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd m \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd n \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd p \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd s \{ \} $IEUNG $jamoMedial;

# Double finals followed by IEUNG. Similar to the single finals
# followed by IEUNG. Any latin consonant pair X Y, between medials,
# that we would split by Latin-Jamo, we must handle when it occurs as
# part of A XYf IEUNG E, to prevent round trip conversion to A Xf Yi
# E.

$sep < $latinMedialEnd b s \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd g g \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd g s \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l b \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l g \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l h \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l m \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l p \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l s \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd l t \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd n g \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd n h \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd n j \{ \} $IEUNG $jamoMedial;
$sep < $latinMedialEnd s s \{ \} $IEUNG $jamoMedial;

# Split doubles. Text of the form A Xi Xf E, where XXi also occurs,
# we transliterate as "ax-xe" to prevent round trip transliteration as
# A XXi E.
# XYY. This corresponds to the XYY rule in Latin-Jamo. By default
# Latin-Jamo maps "xyy" to Xf YYi, to keep YY together. As a result,
# "xyy" forms that correspond to XYf Yi must be transliterated as
# "xy-y".

# Deletion of IEUNG is handled below.

#----------------------------------------------------------------------
# Latin-Jamo
# [Basic, context-free Jamo-Latin rules are embedded here too. See
# above.]

# Split digraphs: Text of the form 'axye', where 'xy' is a final
# digraph, 'x' is a final (by itself), 'y' is an initial, and 'a' and
# 'e' are medials, we want to transliterate this as A Xf Yi E rather
# than A XYf IEUNG E. We do NOT include text of the form "axxe",
# since that is handled differently below. These rules are generated
# programmatically from the jamo data.

$jamoMedial {b s} jamoMedial > $Bf $Si;
jamoMedial {g s} jamoMedial > $Gf $Si;
jamoMedial {l b} jamoMedial > $L $Bi;
jamoMedial {l g} jamoMedial > $L $Gi;
jamoMedial {l m} jamoMedial > $L $Mi;
jamoMedial {l p} jamoMedial > $L $Pi;
jamoMedial {l s} jamoMedial > $L $Si;
jamoMedial {l t} jamoMedial > $L $Ti;
jamoMedial {n g} jamoMedial > $Nf $Gi;
jamoMedial {n h} jamoMedial > $Nf $Hi;
jamoMedial {n j} jamoMedial > $Nf $Ji;
# Single consonants are initials: Text of the form 'axe', where 'x'
# can be an initial or a final, and 'a' and 'e' are medials, we want
# to transliterate as A Xi E rather than A Xf IEUNG E.

$jamoMedial {b} $latinMedial > $Bi;
$jamoMedial {c} $latinMedial > $Ci;
$jamoMedial {d} $latinMedial > $Di;
$jamoMedial {g} $latinMedial > $Gi;
$jamoMedial {h} $latinMedial > $Hi;
$jamoMedial {j} $latinMedial > $Ji;
$jamoMedial {k} $latinMedial > $Ki;
$jamoMedial {m} $latinMedial > $Mi;
$jamoMedial {n} $latinMedial > $Ni;
$jamoMedial {p} $latinMedial > $Pi;
$jamoMedial {s} $latinMedial > $Si;
$jamoMedial {t} $latinMedial > $Ti;

# Doubled initials. The sequence "axxe", where XX exists as an initial
# (XXi), and also Xi and Xf exist (true of all digraphs XX), we want
# to transliterate as A XXi E, rather than split to A Xf Xi E.

$jamoMedial {b b} $latinMedial > $BB;
$jamoMedial {d d} $latinMedial > $DD;
$jamoMedial {j j} $latinMedial > $JJ;
$jamoMedial {g g} $latinMedial > $GGi;
$jamoMedial {s s} $latinMedial > $SSi;

# XYY. Because doubled consonants bind more strongly than XY
# consonants, we must handle the sequence "axyy" specially. Here XYf
# and YYi must exist. In these cases, we map to Xf YYi rather than
# XYf.

$jamoMedial {b} s s > $Bf;
$jamoMedial {g} s s > $Gf;
$jamoMedial {l} b b > $L;
$jamoMedial {l} g g > $L;
$jamoMedial {n} g g > $Nf;
$jamoMedial {n} j j > $Nf;

# Finals: Attach consonant with preceding medial to preceding medial.
# Do this BEFORE mapping consonants to initials. Longer keys must
# precede shorter keys that they start with, e.g., the rule for 'bs'
# must precede 'b'.

$jamoMedial {b} s s > $Bf;
$jamoMedial {g} s s > $Gf;
$jamoMedial {l} b b > $L;
$jamoMedial {l} g g > $L;
$jamoMedial {n} g g > $Nf;
$jamoMedial {n} j j > $Nf;

# [BASIC Jamo-Latin FINALS handled here. Order irrelevant within this
# block for Jamo-Latin.]
$\text{jamoMedial \{bs\} <> $BS;}
$\text{jamoMedial \{b\} <> $BF;}
$\text{jamoMedial \{c\} <> $CF;}
$\text{jamoMedial \{d\} <> $DF;}
$\text{jamoMedial \{gg\} <> $GGF;}
$\text{jamoMedial \{gs\} <> $GS;}
$\text{jamoMedial \{g\} <> $GF;}
$\text{jamoMedial \{h\} <> $HF;}
$\text{jamoMedial \{j\} <> $JF;}
$\text{jamoMedial \{k\} <> $KF;}
$\text{jamoMedial \{lb\} <> $LB; \text{jamoMedial \{lg\} <> $LG;}
$\text{jamoMedial \{lh\} <> $LH;}
$\text{jamoMedial \{lm\} <> $LM;}
$\text{jamoMedial \{lp\} <> $LP;}
$\text{jamoMedial \{ls\} <> $LS;}
$\text{jamoMedial \{lt\} <> $LT;}
$\text{jamoMedial \{l\} <> $L;}
$\text{jamoMedial \{m\} <> $MF;}
$\text{jamoMedial \{ng\} <> $NG;}
$\text{jamoMedial \{nh\} <> $NH;}
$\text{jamoMedial \{nj\} <> $NJ;}
$\text{jamoMedial \{n\} <> $NF;}
$\text{jamoMedial \{p\} <> $PF;}
$\text{jamoMedial \{ss\} <> $SSF;}
$\text{jamoMedial \{s\} <> $SF;}
$\text{jamoMedial \{t\} <> $TF;}

# Initials: Attach single consonant to following medial. Do this
# AFTER mapping finals. Longer keys must precede shorter keys that
# they start with, e.g., the rule for 'gg' must precede 'g'.

# [BASIC Jamo-Latin INITIALS handled here. Order irrelevant within
# this block for Jamo-Latin.]

\{gg\} $\text{latinMedial <> $GGI;}
\{g\} $\text{latinMedial <> $GI;}
\{n\} $\text{latinMedial <> $NI;}
\{dd\} $\text{latinMedial <> $DD;}
\{d\} $\text{latinMedial <> $DI;}
\{r\} $\text{latinMedial <> $RI;}
\{m\} $\text{latinMedial <> $MI;}
\{bb\} $\text{latinMedial <> $BB;}
\{b\} $\text{latinMedial <> $BI;}
\{ss\} $\text{latinMedial <> $SSI;}
\{s\} $\text{latinMedial <> $SI;}
\{jj\} $\text{latinMedial <> $JJ;}
\{j\} $\text{latinMedial <> $JI;}
\{c\} $\text{latinMedial <> $CI;}

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\{k\} \text{\latinMedial} \leftrightarrow \text{Ki};
\{t\} \text{\latinMedial} \leftrightarrow \text{Ti};
\{p\} \text{\latinMedial} \leftrightarrow \text{Pi};
\{h\} \text{\latinMedial} \leftrightarrow \text{Hi};

\# 'r' in final position. Because of the equivalency of the 'l' and
\# 'r' jamo (the glyphs are the same), we try to provide the same
\# equivalency in Latin-Jamo. The 'T' to 'r' conversion is handled
\# below. If we see an 'r' in an apparent final position, treat it
\# like 'T'. For example, "karka" => Ki A R EU Ki A without this rule.
\# Instead, we want Ki A L Ki A.

\$\text{jamoMedial} \{r\} \text{\latinInitial} \rightarrow | l;

\# Initial + Final: If we match the next rule, we have initial then
\# final consonant with no intervening medial. We insert the null
\# vowel BEFORE it to create a well-formed syllable. (In the next rule
\# we insert a null vowel AFTER an anomalous initial.)

\$\text{jamoInitial} \{\} [\text{bcdghjklmnpst}] \rightarrow \text{EU};

\# Initial + X: This block matches an initial consonant not followed by
\# a medial. We insert the null vowel after it. We handle double
\# initials explicitly here; for single initial consonants we insert EU
\# (as Latin) after them and let standard rules do the rest.

\# BREAKS ROUND TRIP INTEGRITY

 gg \rightarrow \text{GGi EU};
 dd \rightarrow \text{DDD EU};
 bb \rightarrow \text{BB EU};
 ss \rightarrow \text{SSi EU};
 jj \rightarrow \text{JJ EU};

 ([\text{bcdghjkmnpst}]) \rightarrow | \text{1 eu};

\# X + Final: Finally we have to deal with a consonant that can only be
\# interpreted as a final (not an initial) and which is preceded
\# neither by an initial nor a medial. It is the start of the
\# syllable, but cannot be. Most of these will already be handled by
\# the above rules. 'bs' splits into Bi EU Sf. Similar for 'gs' 'ng'
\# 'nh' 'nj'. The only problem is 'I' and digraphs starting with 'I'.
\# For this isolated case, we could add a null initial and medial,
\# which would give "la" => IEUNG EU L IEUNG A, for example. A more
\# economical solution is to transliterate isolated "I" (that is,
\# initial "I") to 'r'. (Other similar conversions of consonants that
\# occur neither as initials nor as finals are handled below.)
1 > | r;

# Medials. If a medial is preceded by an initial, then we proceed
# normally. As usual, longer keys must precede shorter ones.

# [BASIC Jamo-Latin MEDIALS handled here. Order irrelevant within
# this block for Jamo-Latin.]

$jamoInitial {ae} <> $AE;
jamoInitial {a} <> $A;
jamoInitial {eo} <> $EO;
jamoInitial {eu} <> $EU;
jamoInitial {e} <> $E;
jamoInitial {i} <> $I;
jamoInitial {oe} <> $OE;
jamoInitial {o} <> $O;
jamoInitial {u} <> $U;
jamoInitial {wae} <> $WAE;
jamoInitial {wa} <> $WA;
jamoInitial {weo} <> $WEO;
jamoInitial {we} <> $WE;
jamoInitial {wi} <> $WI;
jamoInitial {yae} <> $YAE;
jamoInitial {ya} <> $YA;
jamoInitial {yeo} <> $YEO;
jamoInitial {ye} <> $YE;
jamoInitial {yi} <> $YI;
jamoInitial {yo} <> $YO;
jamoInitial {yu} <> $YU;

# We may see an anomalous isolated 'w' or 'y'. In that case, we
# interpret it as 'wi' and 'yu', respectively.

# BREAKS ROUND TRIP INTEGRITY

$jamoInitial {w} > | wi;
jamoInitial {y} > | yu;

# Otherwise, insert a null consonant IEUNG before the medial (which is
# still an untransliterated latin vowel).

($latinMedial) > $IEUNG | $1;

# Convert non-jamo latin consonants to equivalents. These occur as
# neither initials nor finals in jamo. 't' occurs as a final, but not
# an initial; it is handled above. The following letters (left hand
# side) will never be output by Jamo-Latin.
f > | p;
q > | k;
v > | b;
x > | ks;
z > | s;

# Delete separators (Latin-Jamo).
$sep > ;

# Delete null consonants (Jamo-Latin). Do NOT delete null EU vowels, # since these may also occur in text.
< $IEUNG;

#- N.B. DO NOT put any filters, NFD, etc. here -- those are aliased in #- the INDEX file. This transliterator is, by itself, not #- instantiated. It is used as a part of Latin-Jamo, Latin-Hangul, or #- inverses thereof.

# eof

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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Oriya.txt,v $ # $Date: 2002/09/19 18:11:23 $ # $Revision: 1.9 $ #-----------------------------------------------

# InterIndic-Oriya
#
\ue001>\u0b01; # SIGN CANDRABINDU
\ue002>\u0b02; # SIGN ANUSVARA
\ue003>\u0b03; # SIGN VISARGA
\ue005>\u0b05; # LETTER A
\ue006>\u0b06; # LETTER AA
\ue007>\u0b07; # LETTER I
\ue008>\u0b08; # LETTER II
\ue009>\u0b09; # LETTER U
\ue00a>\u0b0a; # LETTER UU
\ue00b>\u0b0b; # LETTER VOCALIC R

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Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Oriya.txt

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# Rules for Decomposed characters
\ue028\ue03c > \u0929;  # \ue029
\ue030\ue03c > \u0931;  # \ue031
\ue033\ue03c > \u0934;  # \ue034
\ue015\ue03c > \u0958;  # LETTER QA (For Urdu)
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Decomposed compatibility transliterations

\ue012\ue057>\u0914; # FALLBACK FOR TAMIL AU
0 > \u0966; # FALLBACK FOR TAMIL
1 > \u0967;

\ue055>; # FALLBACK BLOW AWAY KANNADA AND TELUGU LENGTH MARK
\ue056>; # FALLBACK BLOW AWAY KANNADA AND TELUGU AI LENGTH MARK
\ue057>; # FALLBACK BLOW AWAY TAMIL AU LENGTH MARK

\ue001 > \u0901; # SIGN CANDRABINDU
\ue002 > \u0902; # SIGN ANUSVARA
\ue003 > \u0903; # SIGN VISARGA
\ue005 > \u0905; # LETTER A
\ue006 > \u0906; # LETTER AA
\ue007 > \u0907; # LETTER I
\ue008 > \u0908; # LETTER II
\ue009 > \u0909; # LETTER U
\ue00a > \u090a; # LETTER UU
\ue00b > \u090b; # LETTER VOCALIC R
\ue00c > \u090c; # LETTER VOCALIC L
\ue00d > \u090d; # LETTER CANDRA E (For representing English sounds)
\ue00e > \u090e; # LETTER SHORT E(For Southern Scripts)
\ue00f > \u090f; # LETTER E
\ue010 > \u0910; # LETTER AI
\ue011 > \u0911; # LETTER CANDRA O (For representing English sounds)
\ue012 > \u0912; # LETTER SHORT O (For Southern Scripts)
\ue013 > \u0913; # LETTER O
\ue014 > \u0914; # LETTER AU
\ue015 > \u0915; # LETTER KA
\ue016 > \u0916; # LETTER KHA
\ue017 > \u0917; # LETTER GA
\ue018 > \u0918; # LETTER GHA
\ue019 > \u0919; # LETTER NGA
\ue01a > \u091a; # LETTER CA
\ue01b > \u091b; # LETTER CHA
\ue01c > \u091c; # LETTER JA
\ue01d > \u091d; # LETTER JHA
\ue01e > \u091e; # LETTER NYA
\ue01f > \u091f; # LETTER TTA
\ue020 > \u0920; # LETTER TTHA
Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Devanagari.txt

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# Telugu-InterIndic
#: NFD (NFC):
\u0c46\u0c4d\u0c56>\ue048\ue04d;
\u0c46\u0c56>\ue048; # VOWEL SIGN AI
\u0c01>\uE001; # SIGN CANDRABINDU
\u0c02>\uE002; # SIGN ANUSVARA
\u0c03>\uE003; # SIGN VISARGA
\u0c05>\uE005; # LETTER A
\u0c06>\uE006; # LETTER AA
\u0c07>\uE007; # LETTER I
\u0c08>\uE008; # LETTER II
\u0c09>\uE009; # LETTER U
\u0c0a>\uE00A; # LETTER UU
\u0c0b>\uE00B; # LETTER VOCALIC R
\u0c0c>\uE00C; # LETTER VOCALIC L
\u0c0e>\uE00E; # LETTER E
\u0c0f>\uE00F; # LETTER EE
\u0c10>\uE010; # LETTER AI
\u0c11>\uE011; # LETTER O
\u0c12>\uE012; # LETTER OO
\u0c13>\uE013; # LETTER AO
\u0c14>\uE014; # LETTER AU
\u0c15>\uE015; # LETTER KA
\u0c16>\uE016; # LETTER KHA
\u0c17>\uE017; # LETTER GA
\u0c18>\uE018; # LETTER GHA
\u0c19>\uE019; # LETTER NGA
\u0c1a>\uE01A; # LETTER CA
\u0c1b>\uE01B; # LETTER CHA
\u0c1c>\uE01C; # LETTER JA
\u0c1d>\uE01D; # LETTER JHA
\u0c1e>\uE01E; # LETTER NYA
\u0c1f>\uE01F; # LETTER TTA
Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Telugu_InterIndic.txt
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#----------------------------------------------------------------------
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#----------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Latin_InterIndic.txt,v $
# $Date: 2002/03/02 00:27:26 $
# $Revision: 1.7 $
#----------------------------------------------------------------------

# Latin-InterIndic
#: NFD;
#\u0e00 reserved
#consonants
$chandrabindu=\ue001;
$anusvara=\ue002;
$visarga=\ue003;
#\u0e004 reserved
# w<vowel> represents the stand-alone form
$wa=\ue005;
$waa=\ue006;
$wi=\ue007;
$wii=\ue008;
$wu=\ue009;
$wuu=\ue00a;
$wr=\ue00b;
$wl=\ue00c;
$wce=\ue00d; # LETTER CANDRA E
$wse=\ue00e; # LETTER SHORT E
$we=\ue00f; # \u090f LETTER E
$wai=\ue010;
$wco=\ue011; # LETTER CANDRA O
$wso=\ue012; # LETTER SHORT O
$wo=\ue013; # \u0913 LETTER O
$wau=\ue014;
$ka=\ue015;
$kha=\ue016;
$ga=\ue017;
$e=\ue047$
$ai=\ue048$
$co=\ue049; # VOWEL SIGN CANDRA O
$so=\ue04a; # VOWEL SIGN SHORT O
$au=\ue04c$
$virama=\ue04d$
# \u094e Reserved
# \u094f Reserved
$om = \ue050; # OM
# \u0951>; # UNMAPPED STRESS SIGN UDATTA
# \u0952>; # UNMAPPED STRESS SIGN ANUDATTA
# \u0953>; # UNMAPPED GRAVE ACCENT
# \u0954>; # UNMAPPED ACUTE ACCENT
$lm = \ue055; # Telugu Length Mark
$sailm=\ue056; # AI Length Mark
$saulm=\ue057; # AU Length Mark
# urdu compatibility forms
$uka=\ue058$
$ukha=\ue059$
$ugha=\ue05a$
$ujha=\ue05b$
$uddha=\ue05c$
$udha=\ue05d$
$ufa=\ue05e$
$uya=\ue05f$
$wrr=\ue060$
$wll=\ue061$
$rrh=\ue062$
$llh=\ue063$
$danda=\ue064$
$doubleDanda=\ue065$
$zero=\ue066; # DIGIT ZERO
$one=\ue067; # DIGIT ONE
$two=\ue068; # DIGIT TWO
$three=\ue069; # DIGIT THREE
$four=\ue06a; # DIGIT FOUR
$five=\ue06b; # DIGIT FIVE
$six=\ue06c; # DIGIT SIX
$seven=\ue06d; # DIGIT SEVEN
$eight=\ue06e; # DIGIT EIGHT
$nine=\ue06f; # DIGIT NINE
# For all other scripts
$ecp0=\ue070$
$ecp1=\ue071$
$ecp2=\ue072$
$ecp3=\ue073$
$ecp4=\ue074$
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$ecp5=\ue075;
$ecp6=\ue076;
$ecp7=\ue077;
$ecp8=\ue078;
$ecp9=\ue079;
$ecpA=\ue07a;
$ecpB=\ue07b;
$ecpC=\ue07c;
$ecpD=\ue07d;
$ecpE=\ue07e;
$ecpF=\ue07f;

# \u0970>; # UNMAPPED ABBREVIATION SIGN
$depVowelAbove=[\ue03e-\ue040\ue045-\ue04c]
$depVowelBelow=[\ue041-\ue044]
$endThing=[danda\doubleDanda]

# $x was originally called '&'; $z was '%'
$x=[\virama\aa\ai\au\ii\i\uu\u\rrh\rh\lh\e\o\se\ce\so\co];
$z=[bcdfghjklmnpqrstvwxyz];
$consonants=[[\ka-\ha]\z[\u0915-\u0939][\u0095-\u009b][\u0a15-\u0a39][\u0a95-\u0ab9][\u0b15-\u0b39][\u0b95-\u0bb9][\u0c15-\u0c39][\u0c95-\u0cb9][\u0d15-\u0d39]];

\u0315 > $avagraha;
\u0303>$chandrabindu$anusvara;
m\u0310>$chandrabindu;
h\u0323>$visarga;
x>$ka\virama$sa;

# convert to independent forms at start of word or syllable:
# dependent forms for roundtrip
\u0314a\u0304+$aa;
\u0314ai+$ai;
\u0314au+$au;
\u0314ii+$ii;
\u0314\ii+$ii;
\u0314i+$i;
\u0314u+$uu;
\u0314u+$u;
\u0314r\u0325+$rrh;
\u0314\r+$rh;
\u0314l+$llh;
\u0314lh+$lh;
\u0314e+$e;
\u0314o+$o;
\u0314e>$se;
\u0314o>$so;
\u0314o>$so;
# 'preceeded by consonants
$\text{consonants} \{ a\text{u}0304>$\text{aa}; \\
$\text{consonants} \{ ai>$\text{ai}; \\
$\text{consonants} \{ au>$\text{au}; \\
$\text{consonants} \{ ii>$\text{ii}; \\
$\text{consonants} \{ ìu0304>$\text{ii}; \\
$\text{consonants} \{ i>$\text{i}; \\
$\text{consonants} \{ uu0304>$\text{uu}; \\
$\text{consonants} \{ u>$\text{u}; \\
$\text{consonants} \{ r\text{u}0325u0304>$\text{rrh}; \\
$\text{consonants} \{ r\text{u}0325a>$\text{rh}; \\
$\text{consonants} \{ r\text{u}0325>$\text{rh}; \\
$\text{consonants} \{ lu0325u0304>$\text{llh}; \\
$\text{consonants} \{ lh>$\text{lh}; \\
$\text{consonants} \{ lu0325>$\text{lh}; \\
$\text{consonants} \{ e\text{u}0304>$e; \\
$\text{consonants} \{ o\text{u}0304>$o; \\
$\text{consonants} \{ e\text{u}0306>$ce; \\
$\text{consonants} \{ o\text{u}0306>$co; \\
$\text{consonants} \{ e>$se; \\
$\text{consonants} \{ o>$so;

# e.g. keai -> \{ka\}\{e\}\{wai\}; k'ai -> \{ka\}\{wai\}; (ai) -> ((\{wai\})
 a\text{u}0304>$\text{swaa}; \\
ai>$\text{swai}; \\
au>$\text{swau}; \\
ìu0304>$\text{swii}; \\
i>$\text{swi}; \\
u\text{u}0304>$\text{swuu}; \\
u>$\text{swu}; \\
r\text{u}0325u0304>$\text{swrr}; \\
r\text{u}0325>$\text{swr}; \\
lu0325u0304>$\text{swll}; \\
lh>$\text{swl}; \\
lu0325>$\text{swl}; \\
e\text{u}0304>$\text{swé}; \\
o\text{u}0304>$\text{swò}; \\
a>$\text{swa}; \\
e\text{u}0306>$\text{swé}; \\
o\text{u}0306>$\text{swò}; \\
e>$\text{swse}; \\
"om>$\text{om}; \\
o>$\text{wso};

# rules for anusvara
n}r\text{u}0325 \rightarrow $\text{na}$\text{virama}; \\
n}lu0325 \rightarrow $\text{na}$\text{virama}; \\
n}na \rightarrow $\text{na}$\text{virama};
bh>$bha$virama;  
b>$ba$virama;  
m>$ma$virama;  
y>$ya$virama;  
r$ru0331>$rra$virama;  
r>$ra$virama;  
l$lu0323>$lla$virama;  
l>$la$virama;  
v>$va$virama;  
w>$va$virama;  
sh>$sha$virama;  
ss>$ssa$virama;  
sl$u0323>$ssa$virama;  
sl$u0301>$sha$virama;  
s>$sa$virama;  
h>$ha$virama;  
'.'>$danda;  
$danda.''>$doubleDanda;  
$depVowelAbove{~}'>$anusvara;  
$depVowelBelow{~}'>$chandrabindu;  
# convert to dependent forms after consonant with no vowel:  
# e.g. kai -> [ka]{virama}ai -> {ka}{ai}  
#$virama aa>$aa;  
$virama a$u0304>$aa;  
$virama ai>$ai;  
$virama au>$au;  
$virama ii>$ii;  
$virama i$u0304>$ii;  
$virama i>$i;  
#$virama uu>$uu;  
$virama u$u0304>$uu;  
$virama u>$u;  
#$virama rrh>$rrh;  
$virama r$u0325$u0304>$rrh;  
#$virama rh>$rh;  
$virama r$u0325$a>$rh;  
$virama r$u0325>r$rh;  
$virama l$u0325$u0304>$llh;  
$virama lh>$lh;  
$virama l$u0325>$lh;  
$virama e$u0304>$e;  
$virama d$u0304>$o;  
$virama a>$;  
$virama e$u0306>$ce;  
$virama o$u0306>$co;  
$virama e>$se;  
$virama o>$so;
null
# move longer items here to avoid masking

\[
\text{<> h ;}
\]
\[
\text{<> z } \text{$letterAfter = [[:M:]]}^{*} [[:L:]} ;
\]
\[
\text{<> t ;}
\]
\[
\text{<> ;}
\]
\[
\text{<> b ;}
\]
\[
\text{<> g ;}
\]
\[
\text{<> d ;}
\]
\[
\text{<> h ;}
\]
\[
\text{<> w ;}
\]
\[
\text{<> z ;}
\]
\[
\text{<> t ;}
\]
\[
\text{<> y ;}
\]
\[
\text{<> k } \text{$letterAfter ;}
\]
\[
\text{<> k ;}
\]
\[
\text{<> l ;}
\]
\[
\text{<> m } \text{$letterAfter ;}
\]
\[
\text{<> m ;}
\]
\[
\text{<> n } \text{$letterAfter ;}
\]
\[
\text{<> n ;}
\]
\[
\text{<> s ;}
\]
\[
\text{<> ;}
\]
\[
\text{<> p } \text{$letterAfter ;}
\]
\[
\text{<> p ;}
\]
\[
\text{<> q ;}
\]
\[
\text{<> r ;}
\]

\[
> | ; \text{# HEBREW LIGATURE YIDDISH DOUBLE VAV}
\]
\[
> | ; \text{# HEBREW LIGATURE YIDDISH VAV YOD}
\]
\[
> | ; \text{# HEBREW LIGATURE YIDDISH DOUBLE YOD}
\]

\[
\text{<> ; # dagesh just goes to overdot for now}
\]
\[
\text{<> ; # shin dot -> sh}
\]
\[
\text{<> ; # sin dot -> s}
\]

# points
\[
\text{<> a ;}
\]
\[
\text{<> a ;}
\]
\[
\text{<> e ;}
\]
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Gurmukhi_InterIndic.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.12 $

# Gurmukhi-InterIndic
#: NFD (NFC) ;

\u0A16\u0A3C>\uE059; # LETTER KHHA
\u0A17\u0A3C>\uE05A; # LETTER GHHA
\u0A1C\u0A3C>\uE05B; # LETTER ZA
\u0A38\u0A3C>\uE036; # LETTER SHA
\u0A32\u0A3C>\uE033; # LETTER LLA
\u0A2B\u0A3C>\uE05E; # LETTER FA
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# Warning: does not do round-trip mapping!!
# Convert CJK characters

## :: (halfwidth-fullwidth);

```perl
$terminalPunct = [\.,\;\?\![:Pe:][:Pf:]];  
$initialPunct = [:Ps:][:Pi:];
```

# add space between any terminal punctuation and letters, and  
# between letters and Han or initial punct

```perl
$terminalPunct { } [:L:] > ' ';  
[:L:] { } [[:Han:] $initialPunct] > ' ';  

# below, the rules add space after ideographs. Remove that space before terminals  
{ ' ' } $terminalPunct > ;
```

# remove all spaces going backwards  
## < ' ';  

# Start RAW data for converting CJK characters

```perl
>shung\ ;  
>zhung\ ;  
>chuàng\ ;  
>chung\ ;  
>zhuàng\ ;  
>chuáng\ ;  
>zhung\ ;  
>zhuàng\ ;  
>zhuàng\ ;  
>chung\ ;  
>shung\ ;  
>zhung\ ;  
>zhuàng\ ;  
>zhuàng\ ;  
>chung\ ;  
>shung\ ;  
>zhung\ ;  
>zhuàng\ ;  
>shung\ ;  
>shung\ ;  
>chuáng\ ;  
>chung\ ;  
>chuàng\ ;  
>shung\ ;  
>shung\ ;  
>chuáng\ ;  
>chuáng\ ;  
>shuàng\ ;  
>chung\ ;  
>shung\ ;  
>chuáng\ ;  
>chung\ ;  
>chuàng\ ;  
>shung\ ;  
>chuáng\ ;  
>shung\ ;  
>chuáng\ ;  
>chung\ ;  
```
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Open Source Used In Data Center Network Manager 11.5(4) 13664
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Open Source Used In Data Center Network Manager 11.5(4) 13681
Open Source Used In Data Center Network Manager 11 11.5(4) 13683
Open Source Used In Data Center Network Manager 11 11.5(4) 13687
Open Source Used In Data Center Network Manager 11 11.5(4) 13700
Open Source Used In Data Center Network Manager 11 11.5(4) 13706
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Open Source Used In Data Center Network Manager 11 11.5(4) 13750
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yuán

dīn

qiàn

yun

shuò

cng

cng

táng

táng

diào

tig

lián

cng

píng

chún

líng

bio

xiàn

cng

niō

jiàn

cáng

chén

qiàn

zng

liàn

méng

chē

dīn

jio

qiáo

jin

téng

kuài

shùn

dàng

dng

xio

lóng

jin

líng

nóng

xun

luàn

léng

shn

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Open Source Used In Data Center Network Manager 11 11.5(4) 13861
Open Source Used In Data Center Network Manager 11 11.5(4) 13864
zhì；
fèi；
jué；
xn；
kuì；
jué；
tài；
zhī；
yn；
sn；
kuī；
bn；
yn；
chǐ；
xún；
yuè；
jiǎ；
zhī；
 rèn；
suí；
yōu；
huì；
gn；
chú；
jiǎn；
mǔ；
máǐ；
rr；
bn；
tuò；
mǐn；
pín；
lún；
cu；
chǐ；
jiǎ；
zhi；
mào；
náo；
jué；
niè；
qn；
chǐ；
jiǔ；
mào；
tuò；
zhī；
yàn；
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Open Source Used In Data Center Network Manager 11 11.5(4) 13890
Open Source Used In Data Center Network Manager 11 11.5(4) 13908
Open Source Used in Data Center Network Manager 11 11.5(4) 13915
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Open Source Used In Data Center Network Manager 11.5(4) 13964
Open Source Used In Data Center Network Manager 11 11.5(4) 13988
Open Source Used In Data Center Network Manager 11 11.5(4) 14006
Open Source Used In Data Center Network Manager 11 11.5(4) 14007
Open Source Used In Data Center Network Manager 11 11.5(4) 14015
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Open Source Used In Data Center Network Manager 11.5(4) 14044
Open Source Used In Data Center Network Manager 11.5(4) 14063
Open Source Used In Data Center Network Manager 11 11.5(4) 14073
>zé\l\ ;
>yu\l\ ;
>nà\l\ ;
>yè\l\ ;
>b\l\ ;
>yù\l\ ;
>tà\l\ ;
>yè\l\ ;
>gè\l\ ;
>cè\l\ ;
>d\l\ ;
>cè\l\ ;
>xì\l\ ;
>nà\l\ ;
>pù\l\ ;
>jì\l\ ;
>tà\l\ ;
>hù\l\ ;
>pù\l\ ;
>hù\l\ ;
>mò\l\ ;
>yù\l\ ;
>q\l\ ;
>sè\l\ ;
>yè\l\ ;
>lì\l\ ;
>q\l\ ;
>mù\l\ ;
>hù\l\ ;
>hù\l\ ;
>cè\l\ ;
>bù\l\ ;
>lì\l\ ;
>èn\l\ ;
>s\l\ ;
>xì\l\ ;
>yù\l\ ;
>bì\l\ ;
>fì\l\ ;
>d\l\ ;
>mù\l\ ;
>g\l\ ;
>mù\l\ ;
>bō\l\ ;
>rù\l\ ;
>bì\l\ ;
>yù\l\ ;
>r\l\ ;
Open Source Used In Data Center Network Manager 11.5(4) 14108
Open Source Used In Data Center Network Manager 11 11.5(4) 14146
Open Source Used In Data Center Network Manager 11 11.5(4) 14158
Open Source Used In Data Center Network Manager 11 11.5(4) 14159
Open Source Used In Data Center Network Manager 11.5(4) 14168
# End RAW data for converting CJK characters

# fallbacks

```latex
\texttt{\# \ yi \ < \ i; \\
\# \ wu \ < \ u;}
```

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## | bi < b;
## | ci < c;
## | di < d;
## | fu < f;
## | gu < g;
## | he < h;
## | ji < j;
## | ku < k;
## | li < l;
## | mi < m;
## | pi < p;
## | qi < q;
## | r < r;
## | si < s;
## | ti < t;
## | wa < w;
## | xi < x;
## | yi < y;
## | zi < z;

# filter out the half-width hangul
:: [^ﾾ-￮] fullwidth-halfwidth ();
## :: (lower) :

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Han_Latin.txt
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#----------------------------------------------------------------------
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#----------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Gurmukhi.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.10 $
#----------------------------------------------------------------------

# InterIndic-Gurmukhi
#: NFD (NFC);
$\text{vowel} = [\text{u0A05}-\text{u0A14} \text{u0A3e}-\text{u0A4D}];$
S\text{onsonant} = [\text{u0A15}-\text{u0A39}];$

\ue001> : # FALLBACK BLOW AWAY SIGN CHANDRABINDU
#rules for BINDI

# Anusvvara is equivalent to BINDI when preceeded by a vowel
Devanagari-InterIndic
:: NFD;
#Rules for Decomposed characters

\u0901>\uE001;  # SIGN CANDRABINDU
\u0902>\uE002;  # SIGN ANUSVARA
\u0903>\uE003;  # SIGN VISARGA
\u0905>\uE005;  # LETTER A
\u0906>\uE006;  # LETTER AA
\u0907>\uE007;  # LETTER I
\u0908>\uE008;  # LETTER II
\u0909>\uE009;  # LETTER U
\u090A>\uE00A;  # LETTER UU
\u090B>\uE00B;  # LETTER VOCALIC R
\u090C>\uE00C;  # LETTER VOCALIC L
\u090D>\uE00D;  # LETTER CANDRA E (For representing English sounds)
\u090E>\uE00E;  # UNMAPPED LETTER SHORT E(For Southern Scripts)
\u090F>\uE00F;  # LETTER E
\u0910>\uE010;  # LETTER AI
\u0911>\uE011;  # LETTER CANDRA O (For representing English sounds)
\u0912>\uE012;  # UNMAPPED LETTER SHORT O (For Southern Scripts)
\u0913>\uE013;  # LETTER O
\u0914>\uE014;  # LETTER AU
\u0915>\uE015;  # LETTER KA
\u0916>\uE016;  # LETTER KHA
\u0917>\uE017;  # LETTER GA
\u0918>\uE018;  # LETTER GHA
\u0919>\uE019;  # LETTER NGA
\u091A>\uE01A;  # LETTER CA
\u091B>\uE01B;  # LETTER CHA
\u091C>\uE01C;  # LETTER JA
\u091D>\uE01D;  # LETTER JHA
\u091E>\uE01E;  # LETTER NYA
\u091F>\uE01F;  # LETTER TTA
\u0920>\uE020;  # LETTER TTHA
\u0921>\uE021;  # LETTER DDA
\u0922>\uE022;  # LETTER DDHA
\u0923>\uE023;  # LETTER NNA
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# TRANSLITERATOR INDEX FILE. This file lists the non-algorithmic
# system transliterators. It allows arbitrary mappings between
# transliterator IDs and file names, and also allows the system to
# define aliases for transliterators, so that "Latin-Hangul", for
# example, can be implemented transparently as the compound
# "Latin-Jamo;Jamo-Hangul". Internal IDs may also be defined; these
# are invisible to the user, but can be composed together by the
# system to create visible transliterators.

#
# Blank lines and lines beginning with '#' are ignored.
#
# Lines in this file have one of the following forms (text not
# enclosed by <> is literal):
#
#   <id>:file:<resource>:<encoding>:<direction>
#   <id>:internal:<resource>:<encoding>:<direction>
#   <id>:alias:<getInstanceArg>
#
# <id> is the ID of the system transliterator being defined. These
# are public IDs enumerated by Transliterator.getAvailableIDs(),
# unless the second field is "internal".
#
# <resource> is a ResourceReader resource name. Currently these refer
# to file names under com/ibm/text/resources. This string is passed
# directly to ResourceReader, together with <encoding>.
#<resource> is the character encoding to use when reading <resource>;
# passed directly to ResourceReader. E.g., "UTF8".
#
# <direction> is either "FORWARD" or "REVERSE".
#
# <getInstanceArg> is a string to be passed directly to
# Transliterator.getInstance(). The returned Transliterator object
# then has its ID changed to <id> and is returned.
#
# Bidirectional rule files

Fullwidth-Halfwidth:file:Transliterator_Fullwidth_Halfwidth.txt:UTF8:FORWARD
Halfwidth-Fullwidth:file:Transliterator_Fullwidth_Halfwidth.txt:UTF8:REVERSE

Latin-Cyrillic:file:Transliterator_Cyrillic_Latin.txt:UTF8:REVERSE


Latin-Arabic:file:Transliterator_Arabic_Latin.txt:UTF8:REVERSE
Arabic-Latin:file:Transliterator_Arabic_Latin.txt:UTF8:FORWARD

Han-Latin:file:Transliterator_Han_Latin.txt:UTF8:FORWARD
#Latin-Han:file:Transliterator_Han_Latin.txt:UTF8:REVERSE # no round trip!
Latin-Han:alias:null

# Comment these out; they are only for testing
# Latin-Han/definition:file:Transliterator_Han_Latin_Definition.txt:UTF8:REVERSE
# Han-Latin/definition:file:Transliterator_Han_Latin_Definition.txt:UTF8:FORWARD
Latin-Greek: file: Transliterator_Greek_Latin.txt: UTF8: REVERSE
Greek-Latin: file: Transliterator_Greek_Latin.txt: UTF8: FORWARD

Latin-Greek/UNGEGN: file: Transliterator_Greek_Latin_UNGEGN.txt: UTF8: REVERSE
Greek-Latin/UNGEGN: file: Transliterator_Greek_Latin_UNGEGN.txt: UTF8: FORWARD

Latin-Katakana: file: Transliterator_Latin_Katakana.txt: UTF8: FORWARD


# Must use the order below!
# We need two separate passes because of the Thai vowel reversal
# Thai-Logical also converts spaces to semicolons. That has to be done before we insert latin spaces

Thai-ThaiSemi: file: Transliterator_Thai_ThaiSemi.txt: UTF8: FORWARD

Thai-ThaiLogical: file: Transliterator_Thai_ThaiLogical.txt: UTF8: FORWARD
ThaiLogical-Thai: file: Transliterator_Thai_ThaiLogical.txt: UTF8: REVERSE

# end of Thai Stuff

Hiragana-Katakana: file: Transliterator_Hiragana_Katakana.txt: UTF8: FORWARD
Katakana-Hiragana: file: Transliterator_Hiragana_Katakana.txt: UTF8: REVERSE

Any-Accents: file: Transliterator_Any_Accents.txt: UTF8: FORWARD
Accents-Any: file: Transliterator_Any_Accents.txt: UTF8: REVERSE

Any-Publishing: file: Transliterator_Any_Publishing.txt: UTF8: FORWARD
Publishing-Any: file: Transliterator_Any_Publishing.txt: UTF8: REVERSE

# Korean
# N.B. Don't end Latin-Jamo with NFC; that produces Hangul. For
# Hangul output use Latin-Hangul.

LowerLatin-Jamo:alias:['A-Za-z\u00C0-\u00C5\u00C7-\u00CF\u00D1-\u00D6\u00D9-\u00DD\u00E0-\u00E5\u00E7-\u00EF\u00F1-\u00F6\u00F9-\u00FD\u00FF-\u010F\u0112-\u0125\u0128-\u0130\u0134-\u0137\u0139-\u013E\u0143-\u0148\u014C-\u0151\u0154-\u0165\u0168-\u017E\u01A0-\u01A1\u01AF-\u01B0\u01CD-\u01DC\u01DE-\u01E3\u01E6-\u01ED\u01F0-\u01F5\u01F8-\u01FB\u0200-\u021B\u021E-\u021F\u0226-\u0233\u0300-\u0306\u0307\u0310-\u0314-\u0315\u0323\u0325-\u0331\u0341\u0344-\u0385-

Jamo-LowerLatin-Jamo:internal:Transliterator_Latin_Jamo.txt:UTF8:FORWARD
Jamo-LowerLatin:internal:Transliterator_Latin_Jamo.txt:UTF8:REVERSE

Latin-Jamo:alias:['A-Za-z\u00C0-\u00C5\u00C7-\u00CF\u00D1-\u00D6\u00D9-\u00DD\u00E0-\u00E5\u00E7-\u00EF\u00F1-\u00F6\u00F9-\u00FD\u00FF-\u010F\u0112-\u0125\u0128-\u0130\u0134-\u0137\u0139-\u013E\u0143-\u0148\u014C-\u0151\u0154-\u0165\u0168-\u017E\u01A0-\u01A1\u01AF-\u01B0\u01CD-\u01DC\u01DE-\u01E3\u01E6-\u01ED\u01F0-\u01F5\u01F8-\u01FB\u0200-\u021B\u021E-\u021F\u0226-\u0233\u0300-\u0306\u0307\u0310-\u0314-\u0315\u0323\u0325-\u0331\u0341\u0344-\u0385-

# Inter-Indic composed rules

Latin-Indic:internal:Transliterator_Latin_InterIndic.txt:UTF8:FORWARD

Devanagari-InterIndic:internal:Transliterator_Devanagari_InterIndic.txt:UTF8:FORWARD
Bengali-InterIndic:internal:Transliterator_Bengali_InterIndic.txt:UTF8:FORWARD
Gurmukhi-InterIndic:internal:Transliterator_Gurmukhi_InterIndic.txt:UTF8:FORWARD
Gujarati-InterIndic:internal:Transliterator_Gujarati_InterIndic.txt:UTF8:FORWARD
Oriya-InterIndic:internal:Transliterator_Oriya_InterIndic.txt:UTF8:FORWARD
Tamil-InterIndic:internal:Transliterator_Tamil_InterIndic.txt:UTF8:FORWARD
Telugu-InterIndic:internal:Transliterator_Telugu_InterIndic.txt:UTF8:FORWARD
Kannada-InterIndic:internal:Transliterator_Kannada_InterIndic.txt:UTF8:FORWARD
Malayalam-InterIndic:internal:Transliterator_Malayalam_InterIndic.txt:UTF8:FORWARD

# Latin-Indic transliterators

Latin-Devanagari:alias:['0-9A-Za-z-\u00C0-\u00C5\u00C7-\u00CF\u00D1-\u00D6\u00D9-\u00DD\u00E0-\u00EF\u00F1-\u00F6\u00F9-\u00FD\u00FF-\u010F\u0112-\u0125\u0128-\u0130\u0134-\u0137\u0139-\u013E\u0143-\u0148\u014C-\u0151\u0154-\u0165\u0168-\u017E\u01A0-\u01A1\u01AF-\u01B0\u01CD-\u01DC\u01DE-\u01E3\u01E6-\u01ED\u01F0-\u01F5\u01F8-\u01FB\u0200-\u021B\u021E-\u021F\u0226-\u0233\u0300-\u0306\u0307\u0310-\u0314-\u0315\u0323\u0325-\u0331\u0341\u0344-\u0385-
Indic-Latin transliterators
Devanagari-Latin:alias:[\u0901-\u0903\u0939\u093C-\u094D\u0950-\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Latin;NFC
Bengali-Latin:alias:[\u0906-\u0983\u0985-\u09C7-\u09C8\u09CD\u09D7-\u0932\u0933\u0935-\u094B\u0A02-\u0A0B\u0A15-\u0A18-\u0A1B-\u0A1E-\u0A1F-\u0A25-\u0A29];NFD;Bengali-InterIndic;InterIndic-Latin;NFC
Gurmukhi-Latin:alias:[\u0964-\u0985-\u0A06-\u0A09-\u0A11-\u0A13];NFD;Gurmukhi-InterIndic;InterIndic-Latin;NFC
Gujarati-Latin:alias:[\u0966-\u0A05-\u0A0A-\u0A0B-\u0A0C-\u0A0D-\u0A0E-\u0A0F];NFD;Gujarati-InterIndic;InterIndic-Latin;NFC
Oriya-Latin:alias:[\u0966-\u0A07-\u0A0A-\u0A12];NFD;Oriya-InterIndic;InterIndic-Latin;NFC
Tamil-Latin:alias:[\u0C01-\u0C0C-\u0C1A-\u0C1B-\u0C1C-\u0C1F];NFD;Tamil-InterIndic;InterIndic-Latin;NFC
Telugu-Latin:alias:[\u0C01-\u0C03-\u0C05-\u0C06-\u0C07];NFD;Telugu-InterIndic;InterIndic-Latin;NFC
Kannada-Latin:alias:[\u0C02-\u0C03-\u0C05-\u0C06-\u0C07];NFD;Kannada-InterIndic;InterIndic-Latin;NFC
Malayalam-Latin:alias:[\u0D02-\u0D09];NFD;Malayalam-InterIndic;InterIndic-Latin;NFC

Devanagari-Bengali:alias:[\u0901-\u0903\u0939\u093C-\u094D\u0950-\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Bengali;NFC
Devanagari-Gurmukhi:alias:[\u0901-\u0903\u0939\u093C-\u094D\u0950-\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Gurmukhi;NFC
Devanagari-Gujarati:alias:[\u0901-\u0903\u0939\u093C-\u094D\u0950-\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Gujarati;NFC
Devanagari-Oriya:alias:[\u0901-\u0903\u0939\u093C-\u094D\u0950-\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Oriya;NFC
Devanagari-Tamil:alias:[\u0901-\u0903\u0939\u093C-\u094D\u0950-\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Tamil;NFC
Devanagari-Telugu:alias:[\u0901-\u0903\u0939\u093C-\u094D\u0950-\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Telugu;NFC
Devanagari-Kannada:alias:[\u0901-\u0903\u0939\u093C-\u094D\u0950-\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Kannada;NFC
Devanagari-Malayalam:alias:[\u0901-\u0903\u0939\u093C-\u094D\u0950-\u0958-\u096F];NFD;Devanagari-InterIndic;InterIndic-Malayalam;NFC
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Gurmukhi-Malayalam:alias:\[\u0964-\u0965\u0A02\u0A05-\u0A0A\u0A0F-\u0A10\u0A13-\u0A28\u0A2A-\u0A30\u0A32-\u0A33\u0A35-\u0A36\u0A38-\u0A39\u0A3C\u0A3E-\u0A42\u0A47-\u0A48\u0A4B-\u0A4D\u0A59-\u0A5C\u0A5E\u0A66-\u0A74];NFD;Gurmukhi-InterIndic;InterIndic-Malayalam;NFC

Gujarati-Devanagari:alias:\[\u0964-\u0965\u0A81-\u0A83\u0A85-\u0A8B\u0A8D-\u0A91\u0A93-\u0AA8\u0AA9-\u0AB0\u0AB2-\u0AB3\u0AB5-\u0AB9\u0ABC-\u0AC5\u0AC7-\u0AC9\u0ACB-\u0ACD\u0AD0\u0AE6-\u0AEF];NFD;Gujarati-InterIndic;InterIndic-Devanagari;NFC

Gujarati-Bengali:alias:\[\u0964-\u0965\u0A81-\u0A83\u0A85-\u0A8B\u0A8D-\u0A91\u0A93-\u0AA8\u0AA9-\u0AB0\u0AB2-\u0AB3\u0AB5-\u0AB9\u0ABC-\u0AC5\u0AC7-\u0AC9\u0ACB-\u0ACD\u0AD0\u0AE6-\u0AEF];NFD;Gujarati-InterIndic;InterIndic-Bengali;NFC

Gujarati-Gurmukhi:alias:\[\u0964-\u0965\u0A81-\u0A83\u0A85-\u0A8B\u0A8D-\u0A91\u0A93-\u0AA8\u0AA9-\u0AB0\u0AB2-\u0AB3\u0AB5-\u0AB9\u0ABC-\u0AC5\u0AC7-\u0AC9\u0ACB-\u0ACD\u0AD0\u0AE6-\u0AEF];NFD;Gujarati-InterIndic;InterIndic-Gurmukhi;NFC

Gujarati-InterIndic;InterIndic-Malayalam;NFC

Oriya-Devanagari:alias:\[\u0B01-\u0B03\u0B05-\u0B0C\u0B0F-\u0B10-\u0B13-\u0B28\u0B2A-\u0B30-\u0B32-\u0B33\u0B36-\u0B39\u0B3C-\u0B43-\u0B47-\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B5C-\u0B5D\u0B5F-\u0B61-\u0B66-\u0B70];NFD;Oriya-InterIndic;InterIndic-Devanagari;NFC

Oriya-InterIndic;InterIndic-Bengali;NFC

Oriya-Gurmukhi:alias:\[\u0B01-\u0B03\u0B05-\u0B0C\u0B0F-\u0B10-\u0B13-\u0B28\u0B2A-\u0B30-\u0B32-\u0B33\u0B36-\u0B39\u0B3C-\u0B43-\u0B47-\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B5C-\u0B5D\u0B5F-\u0B61-\u0B66-\u0B70];NFD;Oriya-InterIndic;InterIndic-Gurmukhi;NFC

Oriya-Telugu:alias:\[\u0B01-\u0B03\u0B05-\u0B0C\u0B0F-\u0B10-\u0B13-\u0B28\u0B2A-\u0B30-\u0B32-\u0B33\u0B36-\u0B39\u0B3C-\u0B43-\u0B47-\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B5C-\u0B5D\u0B5F-\u0B61-\u0B66-\u0B70];NFD;Oriya-InterIndic;InterIndic-Telugu;NFC

Oriya-InterIndic;InterIndic-Telugu;NFC

Oriya-Malayalam:alias:\[\u0B01-\u0B03\u0B05-\u0B0C\u0B0F-\u0B10-\u0B13-\u0B28\u0B2A-\u0B30-\u0B32-\u0B33\u0B36-\u0B39\u0B3C-\u0B43-\u0B47-\u0B48\u0B4B-\u0B4D\u0B56-\u0B57\u0B5C-\u0B5D\u0B5F-\u0B61-\u0B66-\u0B70];NFD;Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Kannada;NFC

Oriya-InterIndic;InterIndic-Karnataka;NFC

Oriya-InterIndic;InterIndic-Gujarat;NFC

Oriya-InterIndic;InterIndic-Oriya;NFC

Oriya-InterIndic;InterIndic-Tamil;NFC

Oriya-InterIndic;InterIndic-Telugu;NFC

Oriya-InterIndic;InterIndic-Telugu;NFC

Oriya-InterIndic;InterIndic-Telugu;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC

Oriya-InterIndic;InterIndic-Malayalam;NFC
Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-jar/com/ibm/icu/impl/data/Transliterator_index.txt
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# eof

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#
#
#$Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Any_Accents.txt,v $
#$Date: 2001/09/25 22:58:55 $
#$Revision: 1.3 $
#
#
:: NFD (NFC) ;

# to do: make reversible

# define special conversion characters.
# variants of this could use different characters, or set one or the other to null.

$pre = \< ;
$post = \> ;

# Provide keyboard equivalents for common diacritics used in transliteration

$pre \$post " \u0300 ; # COMBINING GRAVE ACCENT
$pre \$post " \u0301 ; # COMBINING ACUTE ACCENT
$pre \$post " \u0302 ; # COMBINING CIRCUMFLEX ACCENT
$pre \$post " \u0304 ; # COMBINING MACRON
$pre \$post " \u0308 ; # COMBINING DIAERESIS
$pre \$post " \u030A ; # COMBINING RING ABOVE
$pre \$post " \u0327 ; # COMBINING CEDILLA
$pre \$post " \u0338 ; # COMBINING LONG SOLIDUS OVERLAY
$\texttt{\textbackslash{}$\	extbackslash{}$0323$ ; # COMBINING DOT BELOW

# Combine common characters

$\texttt{\textbackslash{}$\textbackslash{}$00C6$ ; # LATIN CAPITAL LETTER AE
$\texttt{\textbackslash{}$\textbackslash{}$00E6$ ; # LATIN SMALL LETTER AE
$\texttt{\textbackslash{}$\textbackslash{}$00D0$ ; # LATIN CAPITAL LETTER ETH
$\texttt{\textbackslash{}$\textbackslash{}$00F0$ ; # LATIN SMALL LETTER ETH
$\texttt{\textbackslash{}$\textbackslash{}$00DF$ ; # LATIN SMALL LETTER SHARP S
$\texttt{\textbackslash{}$\textbackslash{}$014A$ ; # LATIN CAPITAL LETTER ENG
$\texttt{\textbackslash{}$\textbackslash{}$014B$ ; # LATIN SMALL LETTER ENG
$\texttt{\textbackslash{}$\textbackslash{}$0398$ ; # THETA
$\texttt{\textbackslash{}$\textbackslash{}$03B8$ ; # THETA
$\texttt{\textbackslash{}$\textbackslash{}$01A9$ ; # LATIN CAPITAL LETTER ESH
$\texttt{\textbackslash{}$\textbackslash{}$0283$ ; # LATIN SMALL LETTER ESH
$\texttt{\textbackslash{}$\textbackslash{}$01B7$ ; # LATIN CAPITAL LETTER EZH
$\texttt{\textbackslash{}$\textbackslash{}$0292$ ; # LATIN SMALL LETTER EZH
$\texttt{\textbackslash{}$\textbackslash{}$01B1$ ; # LATIN CAPITAL LETTER UPSILON
$\texttt{\textbackslash{}$\textbackslash{}$028A$ ; # LATIN SMALL LETTER UPSILON
$\texttt{\textbackslash{}$\textbackslash{}$018F$ ; # LATIN CAPITAL LETTER SCHWA
$\texttt{\textbackslash{}$\textbackslash{}$0259$ ; # LATIN SMALL LETTER SCHWA
$\texttt{\textbackslash{}$\textbackslash{}$025A$ ; # LATIN LETTER GLOTTAL STOP
$\texttt{\textbackslash{}$\textbackslash{}$026A$ ; # LATIN SMALL CAPITAL I
$\texttt{\textbackslash{}$\textbackslash{}$028C$ ; # LATIN SMALL LETTER TURNED V

# Additional Characters that may be added in the future

# $\texttt{\textbackslash{}$\textbackslash{}$0306$ ; # COMBINING BREVE
# $\texttt{\textbackslash{}$\textbackslash{}$0307$ ; # COMBINING DOT ABOVE
# $\texttt{\textbackslash{}$\textbackslash{}$0309$ ; # COMBINING HOOK ABOVE
# $\texttt{\textbackslash{}$\textbackslash{}$030B$ ; # COMBINING DOUBLE ACUTE ACCENT
# $pre YYY $post <> \u02A8 ; # LATIN SMALL LETTER TC DIGRAPH WITH CURL
# $pre YYY $post <> \u02A9 ; # LATIN SMALL LETTER FENG DIGRAPH
# $pre YYY $post <> \u02AA ; # LATIN SMALL LETTER LS DIGRAPH
# $pre YYY $post <> \u02AB ; # LATIN SMALL LETTER LZ DIGRAPH
# $pre YYY $post <> \u02AC ; # LATIN LETTER BILABIAL PERCUSSIVE
# $pre YYY $post <> \u02AD ; # LATIN LETTER BIDENTAL PERCUSSIVE
# $pre YYY $post <> \u02B0 ; # MODIFIER LETTER SMALL H
# $pre YYY $post <> \u02B1 ; # MODIFIER LETTER SMALL H WITH HOOK
# $pre YYY $post <> \u02B2 ; # MODIFIER LETTER SMALL J
# $pre YYY $post <> \u02B3 ; # MODIFIER LETTER SMALL R
# $pre YYY $post <> \u02B4 ; # MODIFIER LETTER SMALL TURNED R
# $pre YYY $post <> \u02B5 ; # MODIFIER LETTER SMALL TURNED R WITH HOOK
# $pre YYY $post <> \u02B6 ; # MODIFIER LETTER SMALL CAPITAL INVERTED R
# $pre YYY $post <> \u02B7 ; # MODIFIER LETTER SMALL W
# $pre YYY $post <> \u02B8 ; # MODIFIER LETTER SMALL Y
# $pre YYY $post <> \u02E0 ; # MODIFIER LETTER SMALL GAMMA
# $pre YYY $post <> \u02E1 ; # MODIFIER LETTER SMALL L
# $pre YYY $post <> \u02E2 ; # MODIFIER LETTER SMALL S
# $pre YYY $post <> \u02E3 ; # MODIFIER LETTER SMALL X
# $pre YYY $post <> \u02E4 ; # MODIFIER LETTER SMALL REVERSED GLOTTAL STOP
# $pre YYY $post <> \u1E9A ; # LATIN SMALL LETTER A WITH RIGHT HALF RING
# $pre YYY $post <> \u207F ; # SUPERSCRIPT LATIN SMALL LETTER N

:: NFC (NFD) ;

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_Any_Accents.txt

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#--------------------------------------------------------------------------------------
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#--------------------------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Latin.txt,v $
# $Date: 2002/09/19 18:11:21 $
# $Revision: 1.8 $
#--------------------------------------------------------------------------------------

# InterIndic-Latin
#\u0e00 reserved
#consonants
$chandrabindu=\ue001;
$anusvara=\ue002;
$visarga=\ue003;
#\u0e04 reserved
# w<vowel> represents the stand-alone form
$wa=\ue005;
$sha=\ue036;
$ssa=\ue037;
$sa=\ue038;
$ha=\ue039;
#\u093a Reserved
#\u093b Reserved
$nakta=\ue03c;
$avagraha=\ue03d; # SIGN AVAGRAHA
# <vowel> represents the dependent form
$aa=\ue03e;
$ii=\ue03f;
$sii=\ue040;
$u=\ue041;
$uu=\ue042;
$srh=\ue043;
$lh=\ue044;
$ce=\ue045; # VOWEL SIGN CANDRA E
$se=\ue046; # VOWEL SIGN SHORT E
$e=\ue047;
$ai=\ue048;
$co=\ue049; # VOWEL SIGN CANDRA O
$so=\ue04a; # VOWEL SIGN SHORT O
$o=\ue04b; # \u094b
$sau=\ue04c;
$virama=\ue04d;
# \u094e Reserved
# \u094f Reserved
$om=\ue050; # OM
\ue051>; # UNMAPPED STRESS SIGN UDATTA
\ue052>; # UNMAPPED STRESS SIGN ANUDATTA
\ue053>; # UNMAPPED GRAVE ACCENT
\ue054>; # UNMAPPED ACUTE ACCENT
$lm = \ue055; # Telugu Length Mark
$ailm=\ue056; # AI Length Mark
$saulm=\ue057; # AU Length Mark
#urdu compatibility forms
$suka=\ue058;
$sukha=\ue059;
$sugha=\ue05a;
$sujha=\ue05b;
$suddha=\ue05c;
$sudha=\ue05d;
$sua=\ue05e;
$suya=\ue05f;
$wrr=\ue060;
$wll=\ue061;
$rrh=\ue062;
$sllh=\ue063;
\$danda=\ue064;
\$doubleDanda=\ue065;
\$zero=\ue066;  # DIGIT ZERO
\$one=\ue067;  # DIGIT ONE
\$two=\ue068;  # DIGIT TWO
\$three=\ue069;  # DIGIT THREE
\$four=\ue06a;  # DIGIT FOUR
\$five=\ue06b;  # DIGIT FIVE
\$six=\ue06c;  # DIGIT SIX
\$seven=\ue06d;  # DIGIT SEVEN
\$eight=\ue06e;  # DIGIT EIGHT
\$nine=\ue06f;  # DIGIT NINE

# \u0970>; # UNMAPPED ABBREVIATION SIGN
\$depVowelAbove=[\ue03e-\ue040\ue045-\ue04c]
\$depVowelBelow=[\ue041-\ue044]
# $x was originally called '&'; $z was '％'
$x=[\$aa\$ai\$au\$ii\$i\$uu\$u\$rrh\$rh\$lh\$llh\$e\$o\$se\$ce\$so\$co];
$z=[bcdghjklmnpqrstuvwxyz];
$vowels=[aeiour\[\ue0304\ue0325\ue0306]];  
$forceIndependentMatra = [*]\[\ue0300-\ue034c]];  

# convert from Native letters to Latin letters

#transliterations for anusvara
$anusvara} [\$ka\$kha\$ga\$gha\$nga] > n\u0307; 
$anusvara} [\$ca\$cha\$ja\$jha\$nya] > n\u0304; 
$anusvara} [\$tta\$ttha\$dda\$ddha\$nna] > n\u0323;  
$anusvara} [\$ta\$tha\$da\$dha\$na] > n      ;  
$anusvara} [\$pa\$pha\$ba\$bha\$ma] > m      ;  
$anusvara} [\$ya\$ra\$lla\$la\$va\$ssa\$sha\$sa\$ha] > n      ;  
$anusvara} > m\u0307; 

# Urdu compatibility
$ya$nu$kta}{$x > y\u0307 ; 
$ya$nu$kta$v$irama > y\u0307 ; 
$ya$nu$kta > y\u0307a ; 

$la$nu$kta }$x > l\u0331 ; 
$la$nu$kta$v$irama > l\u0331 ; 
$la$nu$kta > l\u0331a ; 

$na$nu$kta }$x > n\u0331 ; 
$na$nu$kta$v$irama > n\u0331 ; 
$na$nu$kta > n\u0331a ; 

$e$na }$x > n\u0331 ; 
$e$na$v$irama > n\u0331 ;
$uya$ $x$ > y$u0307$
$uya$ $virama$ > y$u0307$
$uya$ > y$u0307$

# normal consonants
$ka$ $virama$ $ha$ > k";
$ka$ $x$ > k;
$ka$ $virama$ > k;
$ka$ > ka;
$kh$ $a$ $x$ > kh;
$kh$ $a$ $virama$ > kh;
$kh$ > kha;
$ga$ $virama$ $ha$ > g";
$ga$ $x$ > g;
$ga$ $virama$ > g;
$ga$ > ga;
$gh$ $a$ $x$ > gh;
$gha$ $virama$ > gh;
$gha$ > gha;
$nga$ $x$ > n$u0307$
$nga$ $virama$ > n$u0307$
$nga$ > n$u0307a$
$ca$ $virama$ $ha$ > c";
$ca$ $x$ > c;
$ca$ $virama$ > c;
$ca$ > ca;
$cha$ $x$ > ch;
$cha$ $virama$ > ch;
$cha$ > cha;
$ja$ $virama$ $ha$ > j";
$ja$ $x$ > j;
$ja$ $virama$ > j;
$ja$ > ja;
$jha$ $x$ > jh;
$jha$ $virama$ > jh;
$jha$ > jha;
$nya$ $x$ > n$u0303$
$nya$ $virama$ > n$u0303$
$nya$ > n$u0303a$

---

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$sa$virama}$sa>$s;
$sa$x>s;
$sa$virama>s;

# for gurmukhi
$sa$nukta}$x>ś;
$sa$nukta$virama>ś;
$sa$nukta>śa;
$sa>sa;

# dependent vowels (should never occur except following consonants)
$forceIndependentMatra{$aa  > ̔ā       ;
$forceIndependentMatra{$ai  > ̔ai            ;
$forceIndependentMatra{$au  > ̔au            ;
$forceIndependentMatra{$ii  > ̔ī       ;
$forceIndependentMatra{$i   > ̔i             ;
$forceIndependentMatra{$uu  > ̔ū       ;
$forceIndependentMatra{$u   > ̔u             ;
$forceIndependentMatra{$rrh > ̔r̥̄ ;
$forceIndependentMatra{$rh  > ̔r̥       ;
$forceIndependentMatra{$llh > ̔l̥̄ ;
$forceIndependentMatra{$lh  > ̔l̥       ;
$forceIndependentMatra{$e   > ̔ē       ;
$forceIndependentMatra{$o   > ̔ō       ;
$forceIndependentMatra{$ce  > ̔ĕ       ;
$forceIndependentMatra{$co  > ̔ŏ       ;
$forceIndependentMatra{$se  > ̔e            ;
$forceIndependentMatra{$so  > ̔o             ;
$forceIndependentMatra{$nukta  >; # Nukta cannot appear independently or as first character
$forceIndependentMatra{$virama  >; # Virama cannot appear independently or as first character
$aa  > \u0314a\u0304  ;
$ai  > ai           ;
$au  > au           ;
$ii  > i\u0304       ;
$i   > i            ;
$uu  > u\u0304       ;
$u > u ;
$srh > ru0325\u0304 ;
$srh > ru0325 ;
$sllh > lu0325\u0304 ;
$sllh > lu0325 ;
$s > eu0304 ;
$s > ou0304 ;
#extra vowels
$sce > eu0306 ;
$sco > ou0306 ;
$sse > e ;
$sso > o ;
#dependent vowels when following independent vowels. Generally Illegal only for roundtripping
$waa > a\u0304\u0314 ;
$wau > au\u0314 ;
$wi > i\u0304 ;
$wi > i ;
$wuu > u\u0304\u0314 ;
$wu > u ;
#extra vowels
$wce > e\u0306\u0314 ;
$wco > o\u0306\u0314 ;
$wse > e\u0314 ;
$wso > o\u0314 ;
$om > "om\u0314 ;
# independent vowels when preceeded by vowels
$vowels{Swaa} > "au0304 ;
vowels{Swai} > "ai ;
vowels{Swau} > "au ;
vowels{Swii} > "\u0304 ;
vowels{Swi} > "i ;
vowels{Swuu} > "\u0304 ;
vowels{Swu} > "u ;
vowels{Swrr} > "ru0325\u0304 ;
vowels{Swr} > "ru0325 ;
vowels{Swll} > "lu0325\u0304 ;
vowels{Swl} > "lu0325 ;
vowels{Swe} > "eu0304 ;
vowels{Swo} > "ou0304 ;
$vowels\{Swa > "a" ; 
# extra vowels
$vowels\{Swce > "e'\u0306" ; 
$vowels\{Swco > "o'\u0306" ; 
$vowels\{Swse > "e" ; 
$vowels\{Swso > "o" ; 

# independent vowels (otherwise)
$swaa > "a'\u0304" ; 
$swai > "ai" ; 
$swau > "au" ; 
$swii > "i'\u0304" ; 
$swi > "i" ; 
$swuu > "u'\u0304" ; 
$swu > "u" ; 
$swrr > "r'\u0325'\u0304" ; 
$swr > "r'\u0325" ; 
$swll > "l'\u0325'\u0304" ; 
$swl > "l'\u0325" ; 
$sw > "e'\u0304" ; 
$swso > "o" ; 
$swa > "a" ; 

# extra vowels
$swce > "e'\u0306" ; 
$swco > "o'\u0306" ; 
$swse > "e" ; 
$swso > "o" ; 
$om > "om" ;

# stress marks
$avagraha > "\u0315" ; 
$chandrabindu$anusvara > "\u0303" ; 
$chandrabindu > "m'\u0310" ; 
$visarga > "h'\u0323" ;
# numbers
$zero > 0 ; 
$one > 1 ; 
$two > 2 ; 
$three > 3 ; 
$four > 4 ; 
$five > 5 ; 
$six > 6 ; 
$seven > 7 ; 
$eight > 8 ; 
$nine > 9 ; 
$lm > ; 
$ailm > ; 
$aulm > ;
Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Latin.txt
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#---------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Gujarati_InterIndic.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.6 $
#---------------------------------------------------------------

# Gujarati-InterIndic
#: NFD (NFC) ;
\ufe01; # SIGN CANDRABINDU
\ufe02; # SIGN ANUSVARA
\ufe03; # SIGN VISARGA
Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Gujarati_InterIndic.txt
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Hiragana_Latin.txt,v $  
# $Date: 2001/11/30 22:21:15 $ 
# $Revision: 1.6 $ 
# $NFC (NFD) ;
# eof
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C9\u30D0\u30D3\u30D6\u30D9\u30DC\u30F4\u30F7-\u30FA\u30FE] ;
:: NFC ;

:: Hiragana-Katakana;
:: Katakana-Latin;
:: NFC ;
:: (Lower) ;
:: (\[',.A-Za-z~\u00C0-\u00D6\u00D8-\u00F6\u00F8-\u0112-\u0125\u0128-\u0130\u0134-\u0137\u0139-
\u013E\u0143-\u0148\u014C-\u0151\u0154-\u0165\u017E\u017F\u0181-\u01A0-\u01A1\u01AF-\u01B0-\u01CD-
\u01DE-\u01E3-\u01ED-\u01F0-\u01F5-\u01F8-\u0218-\u0226-\u0233\u0304-\u04E2-\u04E3-\u04EE-\u04EF\u01A0-\u01EB-\u01FC-\u01FE-\u0212B]) ;

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Hiragana_Latin.txt
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#--------------------------------------------------------------------------------
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#--------------------------------------------------------------------------------
# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Malayalam_InterIndic.txt,v $
# $Date: 2002/03/02 00:27:26 $
# $Revision: 1.5 $
#--------------------------------------------------------------------------------

# Malayalam-InterIndic
#: NFC (NFC) :

\u0D02>\uE002; # SIGN ANUSVARA
\u0D03>\uE003; # SIGN VISARGA
\u0D05>\uE005; # LETTER A
\u0D06>\uE006; # LETTER AA
\u0D07>\uE007; # LETTER I
\u0D08>\uE008; # LETTER II
\u0D09>\uE009; # LETTER U
\u0D0A>\uE00A; # LETTER UU
\u0D0B>\uE00B; # LETTER VOCALIC R
\u0D0C>\uE00C; # LETTER VOCALIC L
\u0D0E>\uE00E; # LETTER E
\u0D0F>\uE00F; # LETTER EE
\u0D10>\uE010; # LETTER AI
\u0D12>\uE012; # LETTER O
\u0D13>\uE013; # LETTER OO
\u0D14>\uE014; # LETTER AU
\u0D15>\uE015; # LETTER KA
\u0D66>\xE066;  # DIGIT ZERO
\u0D67>\xE067;  # DIGIT ONE
\u0D68>\xE068;  # DIGIT TWO
\u0D69>\xE069;  # DIGIT THREE
\u0D6A>\xE06A;  # DIGIT FOUR
\u0D6B>\xE06B;  # DIGIT FIVE
\u0D6C>\xE06C;  # DIGIT SIX
\u0D6D>\xE06D;  # DIGIT SEVEN
\u0D6E>\xE06E;  # DIGIT EIGHT
\u0D6F>\xE06F;  # DIGIT NINE

#    :: NFC (NFD) ;
# eof

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Malayalam_InterIndic.txt
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#---------------------------------------------------------------
#$Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Thai_ThaiSemi.txt,v $ 
#$Date: 2002/07/26 19:56:55 $ 
#$Revision: 1.3 $ 
#---------------------------------------------------------------

# The rules that convert space into semicolon are in this file;
# since they have to come BEFORE the break iterator.

$thai = [[:thai:] \u0E01-\u0E3A\u0E40-\u0E5B] ;

$thai { ' ' } $thai > '; ' ;

Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Thai_ThaiSemi.txt
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#---------------------------------------------------------------
#$Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Bengali.txt,v $ 
#$Date: 2002/09/19 18:11:23 $ 
#$Revision: 1.10 $ 
#---------------------------------------------------------------
# InterIndic-Bengali

#: NFD (NFC):
\uE001>\u0981;  # SIGN CANDRABINDU
\uE002>\u0982;  # SIGN ANUSVARA
\uE003>\u0983;  # SIGN VISARGA
\uE005>\u0985;  # LETTER A
\uE006>\u0986;  # LETTER AA
\uE007>\u0987;  # LETTER I
\uE008>\u0988;  # LETTER II
\uE009>\u0989;  # LETTER U
\uE00A>\u098A;  # LETTER UU
\uE00B>\u098B;  # LETTER VOCALIC R
\uE00C>\u098C;  # LETTER VOCALIC L
\uE00D>\u098D;  # FALLBACK
\uE00E>\u098E;  # FALLBACK
\uE00F>\u098F;  # FALLBACK
\uE010>\u0990;  # LETTER E
\uE011>\u0991;  # LETTER AI
\uE012>\u0992;  # FALLBACK
\uE013>\u0993;  # LETTER O
\uE014>\u0994;  # LETTER AU
\uE015>\u0995;  # LETTER KA
\uE016>\u0996;  # LETTER KHA
\uE017>\u0997;  # LETTER GA
\uE018>\u0998;  # LETTER GHA
\uE019>\u0999;  # LETTER NGA
\uE01A>\u099A;  # LETTER CA
\uE01B>\u099B;  # LETTER CHA
\uE01C>\u099C;  # LETTER JA
\uE01D>\u099D;  # LETTER JHA
\uE01E>\u099E;  # LETTER NYA
\uE01F>\u099F;  # LETTER TTA
\uE020>\u09A0;  # LETTER TTHA
\uE021>\u09A1;  # LETTER DDA
\uE022>\u09A2;  # LETTER DDHA
\uE023>\u09A3;  # LETTER NNA
\uE024>\u09A4;  # LETTER TA
\uE025>\u09A5;  # LETTER THA
\uE026>\u09A6;  # LETTER DA
\uE027>\u09A7;  # LETTER DHA
\uE028>\u09A8;  # LETTER NA
\uE029>\u09A9>\u09BC;  # REMAP (indicExceptions.txt): \u09a9>\u09a8 = LETTER NNNA > LETTER NA
\uE02A>\u09A9;  # LETTER PA
\uE02B>\u09A9;  # LETTER PHA
\uE02C>\u09AC;  # LETTER BA
\uE02D>\u09AD;  # LETTER BHA
\uE02E>\u09A9;  # LETTER MA
\uE02F>\u09A9;  # LETTER YA
# VOWEL SIGN VOCALIC L
\uE062>\u09E2;          # VOWEL SIGN VOCALIC LL
\uE063>\u09E3;          # DANDA
\uE065>\u0964;          # DOUBLE DANDA
\uE066>\u09E6;          # DIGIT ZERO
\uE067>\u09E7;          # DIGIT ONE
\uE068>\u09E8;          # DIGIT TWO
\uE069>\u09E9;          # DIGIT THREE
\uE06A>\u09EA;          # DIGIT FOUR
\uE06B>\u09EB;          # DIGIT FIVE
\uE06C>\u09EC;          # DIGIT SIX
\uE06D>\u09ED;          # DIGIT SEVEN
\uE06E>\u09EE;          # DIGIT EIGHT
\uE06F>\u09EF;          # DIGIT NINE
\ue070>;                # ABBREVIATION SIGN
\ue071>\u09F0;          # LETTER RA WITH MIDDLE DIAGONAL
\ue072>\u09F1;          # LETTER RA WITH LOWER DIAGONAL
\ue073>\u09F2;          # RUPEE MARK
\ue074>\u09F3;          # RUPEE SIGN
\ue075>\u09F4;          # CURRENCY NUMERATOR ONE
\ue076>\u09F5;          # CURRENCY NUMERATOR TWO
\ue077>\u09F6;          # CURRENCY NUMERATOR THREE
\ue078>\u09F7;          # CURRENCY NUMERATOR FOUR
\ue079>\u09F8;          # CURRENCY NUMERATOR ONE LESS THAN THE DENOMINATOR
\ue07A>\u09F9;          # CURRENCY DENOMINATOR SIXTEEN
\ue07B>\u09FA;          # ISSHAR
\ue07C>;                # TIPPI
\ue07D>;                # ADDAK
\ue07E>;                # IRI
\ue07F>;                # URA
\ue080>;                # EK ONKAR

0 > \u09E6;          # FALLBACK FOR TAMIL
1 > \u09E7;

# :: NFC (NFD) ;
# eof
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_InterIndic_Gujarati.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.10 $

# InterIndic-Gujarati
#: NFD (NFC):
\ue001>\u0a81; # SIGN CANDRABINDU
\ue002>\u0a82; # SIGN ANUSVARA
\ue003>\u0a83; # SIGN VISARGA
\ue005>\u0a85; # LETTER A
\ue006>\u0a86; # LETTER AA
\ue007>\u0a87; # LETTER I
\ue008>\u0a88; # LETTER II
\ue009>\u0a89; # LETTER U
\ue00a>\u0a8a; # LETTER UU
\ue00b>\u0a8b; # LETTER VOCALIC R
\ue00c>\u0ab2\u0ac3; # REMAP (indicExceptions.txt): \u0a8c>\u0ab2\u0ac3 = LETTER VOCALIC L>LETTER LA.VOWEL SIGN VOCALIC R
\ue00d>\u0a8d; # GUJARATI VOWEL CANDRA E
\ue00e>\u0a8f; # FALLBACK
\ue00f>\u0a8f; # InterIndic-Gujarati: LETTER EE (\u0a8f = LETTER E)
\ue010>\u0a90; # LETTER AI
\ue011>\u0a91; # FALLBACK
\ue012>\u0a93; # FALLBACK
\ue013>\u0a93; # UNMAPPED InterIndic-Gujarati: LETTER OO (\u0a93 = LETTER O)
\ue014>\u0a94; # LETTER AU
\ue015>\u0a95; # LETTER KA
\ue016>\u0a96; # LETTER KHA
\ue017>\u0a97; # LETTER GA
\ue018>\u0a98; # LETTER GHA
\ue019>\u0a99; # LETTER NGA
\ue01a>\u0a9a; # LETTER CA
\ue01b>\u0a9b; # LETTER CHA
\ue01c>\u0a9c; # LETTER JA
\ue01d>\u0a9d; # LETTER JHA
\ue01e>\u0a9e; # LETTER NYA
\ue01f>\u0a9f; # LETTER TTA
\ue020>\u0aa0; # LETTER TTHA
\ue055> # UNMAPPED InterIndic-Gujarati: LENGTH MARK
\ue056>\u0a0c8; # REMAP (indicExceptions.txt): \u0a6d>\u0ac8 = AI LENGTH MARK>VOWEL SIGN AI
\ue057>\u0acc; # REMAP (indicExceptions.txt): \u0ad7>\u0acc = AU LENGTH MARK>VOWEL SIGN AU
\ue058>\u0a95>\u0abc; # Fallback
\ue059>\u0a96>\u0abc; # REMAP (indicExceptions.txt): \u0ad9>\u0a96\u0abc = LETTER KHHA>LETTER KHA SIGN NU KTA
\ue05a>\u0a97>\u0abc; # REMAP (indicExceptions.txt): \u0ada>\u0a97>\u0abc = LETTER GHHA>LETTER GA SIGN NU KTA
\ue05b>\u0a9c>\u0abc; # REMAP (indicExceptions.txt): \u0adb>\u0a9c>\u0abc = LETTER ZA>LETTER JA SIGN NU KTA
\ue05c>\u0a9d>\u0abc; # Fallback
\ue05d>\u0a9e>\u0abc; # REMAP (indicExceptions.txt): \u0ad9>\u0a9e>\u0abc = LETTER RHA>LETTER DDHA SIGN NU KTA
\ue05e>\u0aaf>\u0abc; # REMAP (indicExceptions.txt): \u0ade>\u0aaf>\u0abc = LETTER FA>LETTER PHA SIGN NU KTA
\ue05f>\u0ab0; # LETTER VOCALIC RR
\ue060>\u0ab1; # LETTER VOCALIC R
\ue061>\u0ab2>\u0ac3; # REMAP (indicExceptions.txt): \u0ae1>\u0ab2>\u0ac3 = LETTER VOCALIC LL>LETTER LA VOWEL SIGN VOCALIC R
\ue062>\u0ab3>\u0abc; # REMAP (indicExceptions.txt): \u0ae2>\u0ab3>\u0abc = VOWEL SIGN VOCALIC L>VOWEL SIGN I SIGN NU KTA
\ue063>\u0ab4>\u0abc; # REMAP (indicExceptions.txt): \u0ae3>\u0ab4>\u0abc = VOWEL SIGN VOCALIC LL>VOWEL SIGN II SIGN NU KTA
\ue064>\u0ab5>\u0abc; # LETTER RA WITH MIDDLE DIAGONAL
\ue065>\u0ab6>\u0abc; # LETTER RA WITH LOWER DIAGONAL
\ue066>\u0ab7; # DIGIT ZERO
\ue067>\u0ab8; # DIGIT ONE
\ue068>\u0ab9; # DIGIT TWO
\ue069>\u0abc; # DIGIT THREE
\ue06a>\u0abd; # DIGIT FOUR
\ue06b>\u0abe; # DIGIT FIVE
\ue06c>\u0ac0; # DIGIT SIX
\ue06d>\u0ac1; # DIGIT SEVEN
\ue06e>\u0ac2; # DIGIT EIGHT
\ue06f>\u0ac3; # DIGIT NINE
\ue070; # ABBREVIATION SIGN
\ue071>\u0ac4; # LETTER RA WITH MIDDLE DIAGONAL
\ue072>\u0ac5; # LETTER RA WITH LOWER DIAGONAL
\ue073; # RUPEE MARK
\ue074; # RUPEE SIGN
\ue075; # CURRENCY NUMERATOR ONE
\ue076; # CURRENCY NUMERATOR TWO
\ue077; # CURRENCY NUMERATOR THREE
\ue078; # CURRENCY NUMERATOR FOUR
\ue079; # CURRENCY NUMERATOR ONE LESS THAN THE DENOMINATOR
\ue07A; # CURRENCY DENOMINATOR SIXTEEN
\ue07B; # ISSHAR
\uE07C; # TIPPI
\uE07D; # ADDAK
\uE07E; # IRI
\uE07F; # URA
\uE080; # EK ONKAR
0 > \u0ae6; # FALLBACK FOR TAMIL
1 > \u0ae7;

#\u0ae8; # UNMAPPED InterIndic-Gujarati: ISSHAR
#:: NFC (NFD);
# eof

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* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
  jar/com/ibm/icu/impl/data/Transliterator_InterIndic_Gujarati.txt
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#-----------------------------------------------
#$Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Oriya_InterIndic.txt,v$
#$Date: 2002/09/19 18:11:23$
#$Revision: 1.6$
#-----------------------------------------------

# Oriya-InterIndic
#:: NFC (NFC);
#\u0B21\u0B3C>\uE005;# LETTER RRA
#\u0B22\u0B3C>\uE00D;# LETTER RHA
\u0B47\u0B56>\uE048;# VOWEL SIGN AI
\u0B47\u0B3E>\uE04B;# VOWEL SIGN O
\u0B47\u0B57>\uE04C;# VOWEL SIGN AU

\u0B01>\uE001; # SIGN CANDRABINDU
\u0B02>\uE002; # SIGN ANUSVARA
\u0B03>\uE003; # SIGN VISARGA
\u0B05>\uE005; # LETTER A
\u0B06>\uE006; # LETTER AA
\u0B07>\uE007; # LETTER I
\u0B08>\uE008; # LETTER II
\u0B09>\uE009; # LETTER U
\u0B0A>\uE00A; # LETTER UU
\u0B0B>\uE00B; # LETTER VOCALIC R
\u0B0C>\uE00C; # LETTER VOCALIC L
\u0B0F>\uE00F; # LETTER E
\u0B10>\uE010; # LETTER AI
\u0B13>\uE013; # LETTER O
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Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Oriya_InterIndic.txt
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# $Source: /usr/cvs/icu4j/icu4j/src/com/ibm/icu/impl/data/Transliterator_Kannada_InterIndic.txt,v $
# $Date: 2002/09/19 18:11:23 $
# $Revision: 1.6 $
#-----------------------------------------------

# Kannada-InterIndic
\u0CC6\u0CD5>\uE047;   # VOWEL SIGN EE
\u0CC6\u0CCD\u0CD6>\uE048\ue04d; # VOWEL SIGN AI
\u0CC6\u0CD6>\uE048;    # VOWEL SIGN AI
\u0CC6\u0CC2\u0CD5>\uE04B; # VOWEL SIGN OO
\u0CC6\u0CC2>\uE04A;    # VOWEL SIGN O
\u0CBF\u0CD5>\uE040;    # VOWEL SIGN II
\u0C82>\uE002;         # SIGN ANUSVARA
\u0C83>\uE003;         # SIGN VISARGA
\u0C85>\uE005;         # LETTER A
\u0C86>\uE006;         # LETTER AA
\u0C87>\uE007;         # LETTER I
\u0C88>\uE008;         # LETTER II
\u0C89>\uE009;         # LETTER U
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Found in path(s):
* /opt/cola/permits/1240066168_1639151185.15/0/icu4j-2-6-1-
jar/com/ibm/icu/impl/data/Transliterator_Kannada_InterIndic.txt

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# InterIndic-Tamil
#:: NFD (NFC):
\ue001>\u0b82; # FALLBACK SIGN CANDRABINDU
\ue002>\u0b82; # SIGN ANUSVARA
\ue003>\u0b83; # SIGN VISARGA
\ue005>\u0b85; # LETTER A
\ue006>\u0b86; # LETTER AA
\ue007>\u0b87; # LETTER I
\ue008>\u0b88; # LETTER II
\ue009>\u0b89; # LETTER U
\ue00a>\u0b8a; # LETTER UU
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<li>Joe Cohen &lt;jcohen@064;forumsys.com&gt; - converting the ArrayOutOfBoundsException in DERInputStream into what it should have been.</li>
<li>Chris Long &lt;aclong@064;ece.cmu.edu&gt; - adding public key decoding to PEMReader.</li>
<li>Hes Siemelnik &lt;hes@064;igecom.com&gt; - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getSize() fix for zero length messages in SMIMEMessage.</li>
<li>Stefan Puiu &lt;stefanpuiuro@064;yahoo.com&gt; - initial implementation V3 policy mapping, policy qualifier objects in ASN.1 X.509 package.</li>
<li>Kaiser Yang &lt;kaiseryang@064;yahoo.com&gt; - Finding BigInteger loop problem in prime generation.</li>
<li>Jiri Urbanec &lt;jiri.urbanec@064;logicacmg.com&gt; - patch to fix defect in DERBMPString.equals().</li>
<li>Justin Kolb &lt;jkolb@064;pristx.com&gt; - patch to DSA signature generation in OpenPGP. Fix for the unexpected 'Unexpected end of ZLIB input stream' exception.</li>
<li>Ralf Hauser &lt;ralfhauser@064;gmx.ch&gt; - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator, ReadOnceInputStream testing utility in MIME tests.</li>
<li>Michal Dvorak &lt;m_dvorak@064;4kb.cz&gt; - getNextUpdate patch for OCSP SimpleResp.</li>
<li>Klaus Greve Fiorentini &lt;klaus@064;epqud.com.br&gt; - array fix in PGP PublicKeyEncSessionPacket.</li>
<li>Olivier Refalo &lt;Olivier_Refalo@064;fpfl.com&gt; - null pointer exception fix for JDK 1.3 CMSSignedData objects.</li>
<li>Mariusz Bandola &lt;mariusz.bandola@064;cryptotech.com.pl&gt; - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for dealing with general objects in sequences.</li>
<li>Brien Oberstein &lt;brien.oberstein@064;transacttools.net&gt; - patch to S2K algorithm in OpenPGP, initial
PGP version 3 secret key support, initial PGP version 3 signature generation, RIPEMD160 addition to PGPUtility.

Ian Haywood &lt;ian@#064haywood.bpa.nu&gt; - addition of getSignatureType to PGPSignature.

Jonathan Edwards &lt;s34gull@#064mac.com&gt; - initial support for reading multiple rings from a PGP key file.

Andrew Thornton &lt;andrew@#064caret.cam.ac.uk&gt; - patch for RSA PUBLIC KEY in PEMReader.

Gregor Leander &lt;gl@#064bos-bremen.de&gt; - initial parsing of multiple sequence entries in an X.500 Name.

Antoon Bosselaers &lt;Antoon.Bosselaers@#064esat.kuleuven.ac.be&gt; - help with RipeMD320 implementation.

Peter Sylvester &lt;Peter.Sylvester@#064edelweb.fr&gt; - improvements to the ASN.1 BasicConstraints object.

Doug &lt;ummmmm@#064myrealbox.com&gt; - addition of isEncryptionKey method to OpenPGP public keys.

Francois Staes &lt;fstaes@#064netconsult.be&gt; - improvements to DEBitString, DERGeneralizedTime and initial implementation of DERGeneralizedString, addition of settable signed object info to CMSSignedDataGenerator, patch to DH key agreement.

W.R. Dittmer &lt;wdittmer@#064cs.vu.nl&gt; - patch to decoding of SignatureCreationTime in BCPG. Patch to PGPKKeyPair to fix nullpointer exception.

Perez Paz Luis Alberto &lt;laperez@#064banxico.org.mx&gt; - patch to use of BitString in X.500 name.

James Wright &lt;James_Wright@#064harte-hanks.com&gt; - patches for dealing with "odd" ArmoredInputStreams.

Jim Ford &lt;jim@#064muirford.com&gt; - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength for ElGamal keys. Signature creation time patch for newly created v4 signatures.

Michael Hausler &lt;haeusler@#064ponton-consulting.de&gt; - extra aliases for provider.

Sai Pullabhotla &lt;psai@#064linoma.com&gt; - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.

Joseph Miller &lt;Joseph@#064digiweb.net.nz&gt; - addition of ZeroBytePadding.

Lars &lt;xyz@#064sagemdenmark.dk&gt; - patch to explicit padded mode for CBC block cipher MAC.

Jeroen van Vianen &lt;jeroen@#064vanvianen.nl&gt; - the Signed and Encrypted mail example.

Jun Sun &lt;JSun@#064diversinet.com&gt; - patch to SecureRandom to work around problem in wtk 1.0.4 and wtk 2.1.

Petr Dukem &lt;pdukem@#064email.cz&gt; - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.

Filipe Silva &lt;filipe.silva@#064wedocomconsulting.com&gt; - patch to fix overread issue in BCPGInputStream.

Alpesh Parmar &lt;alps@#064linuxmail.org&gt; - patch for class cast problem in PGPPublicKey.getSignatures().

Jay Gengelbach &lt;jgengelbach@#064webmethods.com&gt; - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.

Doug &lt;doug@#064tigerprivacy.com&gt; - public key ring patches for ElGamal Signatures, problem key ring data.

Matthew Mundy &lt;mmundy1@#064umbc.edu&gt; - infinite loop prevention patch to PKCSS5S2ParametersGenerator.

Tom Cargill &lt;cargill@#064profcon.com&gt; - spelling patch in provider.

Breitenstrom Christian &lt;C.Breitenstrom@#064t-systems.com&gt; - compatibility patch to SignaturePacket, DetachedSignatureProcessor.

Zanotti Mirko &lt;zanotti@#064cad.it&gt; - patch to ordered equality test for X509Name.
Nicola Scendoni &lt;nscendoni@babelps.it&gt; - patch to add sorting to CertPath validation.

Ville Skyttä &lt;ville.skytta@iki.fi&gt; - patch to CRLDistPoint for cRLIssuer field. KeyStore compliance on add patches. DiffieHellman patch for provider compliance. Support for PEM object "TRUSTED CERTIFICATE". Exception handling patch in PEMReader. JavaDoc clean up.

Bruce Gordon &lt;bruce.gordon@064savvis.net&gt; - patch to secret key creation encoding NullPointerException in OpenPGP, speed up for BCPGInputStream.

Miles Whiteley &lt;Miles.Whiteley@064savvis.net&gt; - "223" fix for BCPGInputStream new packets.

Albert Moliner &lt;amoliner@064evintia.com&gt; - initial TSP implementation.

Carlos Lozano &lt;carlos@064evintia.com&gt; - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.

Javier Delgadillo &lt;jaivi@064javi.codewarp.org&gt; - initial Mozilla PublicKeyAndChallenge classes.

Joni Hakala &lt;joni.hakala@064cern.ch&gt; - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo. We also wish to thank the &lt;a href="http://www.eu-egee.org"&gt;EGEE project&lt;/a&gt; for making the work available.

Rolf Schillinger &lt;rolf@064sisr-wum.de&gt; - initial implementation of Attribute Certificate generation.

Sergey Bahtin &lt;Sergey_Bahtin@yahoo.com&gt; - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and GOST-3411.

Franck Leroy &lt;Franck.Leroy@keynectis.com&gt; - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher's forgery attack.

Atsuhiiko Yamakata &lt;ymnk@064jcraft.com&gt; - patch for improving use of Montgomery numbers in BigInteger library. Patch to use size of private exponent in DH parameters.

Nickolay Bolshakov &lt;tyrex@064reksoft.ru&gt; - patch for class cast exception in AuthorityInformationAccess class.

Soren Hilmer &lt;soeren.hilmer@064tietoenator.com&gt; - patches for CertID with issuerSerial set in TSP implementation, additional compliance testing.

Steve Mitchell &lt;mitchell@064intertrust.com&gt; - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP.

Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.

Dirk Eisner &lt;D.Eisner@seeburger.de&gt; - initial implementation of ISO 7816-4 padding.

Julien Pasquier &lt;julienpasquier@064free.fr&gt; - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.

Matteo &lt;matartuso@064libero.it&gt; - sequence patch to ASN1Dump.

Andrew Paterson &lt;andrew.paterson@064burnsecs.com&gt; - patches to PGP tools, isRevoked method on PGPPublicKey.

Vladimir Molotkov &lt;vladimir.n.molotkov@064intel.com&gt; - extensive provider exception handling compliance testing.

Florin Kollan &lt;adlocflo@064web.de&gt; - fix to ElGamalKeyParameters equality testing.

Pavel Vassiliev &lt;paulvas@064gmail.com&gt; - Initial GOST28147Mac implementation.

Tom Pesman &lt;tom@064tnux.net&gt; - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.

Łukasz Kowalczyk &lt;lukasz.b.kowalczyk@064gmail.com&gt; - patch to fix parsing issue with OpenSSL PEM based certificate requests.

Arndt Hasch &lt;Arndt.Hasch@064maxence.de&gt; - additional fix for partial reading with new style PGP packets.

Fix Bernd (KCDP 11) &lt;bernd.fix@064credit-suisse.com&gt; - fix for 31 byte issue and exception throwing.
by Whirlpool.</li>
<li>David M. Lee &lt;dmlee@crossroads.com&gt; - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.</li>
<li>Mike Dillon &lt;md5@embodi.org&gt; - additional checks for PGP secret and public key construction, patches to copyWithNewPassword.</li>
<li>tu-<a href="http://www.timeroom.me">yi</a> cung &lt;t2cung@604hotmail.com&gt; - patch for out of bounds problem in getDecoderStream method.</li>
<li>Chris Schultz &lt;cschultz@#064gmail.com&gt; - fix for InputStream constructor for X509V2AttributeCertificate.</li>
<li>David M. Lee &lt;dmlee@#064crossroads.com&gt; - implementation assistance with streaming CMS classes.</li>
<li>Joel Rees &lt;rees@#064ddcom.co.jp&gt; - fix to correct getOID methods from returning same set on X.509 attribute certificates.</li>
<li>Fran<sup>c</sup>esc Sau &lt;francesc.sau@#064partners.netfocus.es&gt; - micro fix for tsp Accuracy class.</li>
<li>Larry Bugbee &lt;lbugbee@#064mac.com&gt; - initial ECNR implementation.</li>
<li>Remi Blancher &lt;Remi.Blancher@#064keynectis.com&gt; - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.</li>
<li>Brian O'Rourke &lt;bianorourke@#064gmail.com&gt; - patch for signature creation time override in OpenPGP.</li>
<li>Andreas Schwier &lt;andreas.schwier@#064cardcontact.de&gt; - initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.</li>
<li>Kishimoto Kazuhiko &lt;kazu-k@#064hi-ho.ne.jp&gt; - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.</li>
<li>Lawrence Tan &lt;lwrnctan@#064gmail.com&gt; - Large field OID sample test data. Missing key types in JDKKeyFactory.</li>
<li>Keyon AG, Martin Christinat, &lt;a href="http://www.keyon.ch">http://www.keyon.ch</a&gt; - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.</li>
<li>Olaf Keller, &lt;olaf.keller.bc@#064bluewin.ch&gt; - initial implementation of the elliptic curves over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.</li>
<li>J<o>rg Eichhorn &lt;eichhorn@#064ponton-consulting.de&gt; - patch to fix EOF read on SharedFileInputStream, support for F2m compression.</li>
<li>Karsten Ohme &lt;widerstand@#064t-online.de&gt; - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings. Support for surrogate pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design. CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for
Carlos Lozano Ruiz &lt;carlos@tradise.com&gt; - patch for &lt;ctrl&gt;&lt;m&gt; only handling in CRLFOutputStream.

John Alfred Prufrock &lt;j.a.prufrock@064gmail.com&gt; - mods to GOST-3411 and MD2 to support ExtendedDigest.

Stefan Neusatz Guilhen &lt;stneusatz@064gmail.com&gt; - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.

Marzio Lo Giudice &lt;marzio.logiudice@064gmail.com&gt; - fix to endianess in KDF2BytesGenerator, additional KDF2 tests.

Georg Lippold &lt;georg.lippold@064gmx.de&gt; - initial implementation of NaccacheStern cipher.

Chris Viles &lt;chris_viles@064yahoo.com&gt; - fix to SignatureSubpacket critical bit setting.

Pasi Eronen &lt;pasi.eronen@064nokia.com&gt; - extra toString() support for ASN.1 library. Initial patch for large OID components.


Maria Ivanova &lt;maria.ivanova@064gmail.com&gt; - support for tags > 30 in ASN.1 parsing.

Armin Haarbucher &lt;arminha@student.ethz.ch&gt; - first cut of internationalisation, initial PKIX validation classes.

Marius Schilder &lt;mmschilder@064google.com&gt; - main set of test vectors for Bleichenbacher's forgery attack.

Xavier Le Vorch &lt;xavier@064brittanysoftware.com&gt; - general code clean ups.

Erik Tews &lt;e_tews@064cde.informatik.tu-darmstadt.de&gt; - initial threaded random seed generator, constant-time PKCS#1.5 decoding.

Thomas Dixon &lt;reikomusha@064gmail.com&gt; - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.

Frank Cornelis &lt;info@064frankcornelis.be&gt; - addition of crlAccessMethod in X509ObjectIdentifiers.

Rui Joaquim &lt;rojaquim@064cc.isel.ipp.pt&gt; - initial implementation of RSA blinding for signatures.

David Stacey &lt;DStacey@064allantgroup.com&gt; - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.

Martijn Brinkers &lt;list@064mitm.nl&gt; - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.

Julius Davies &lt;juliusdavies@064gmail.com&gt; - additional modes and algorithm support in PEMReader.

Matthias &lt;g@064rtner.de&gt; - GnuPG compatibility changes for PBEFileProcessor.

Olga Kääbler &lt;olga.kaehler@064hjp-consulting.com&gt; - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.

Germano Rizzo &lt;germano.rizzo@064gmail.com&gt; - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.

Nuria Maria &lt;nurianil@ucom.es&gt; - patch for alternate data type recoginition in CMSQualifiedDataParser.

Janis Schuller &lt;js@064rzi.de&gt; - addition of NotationData packets for OpenPGP.

Michael Samblanet &lt;mike@064samblanet.com&gt; - patches towards improved Sun/default provider support in CMS.

Mike StJohns &lt;mstjohns@064comcast.net&gt; - patches for supporting empty subject in X.509 certificate
generation, noneWithECDSA, updates to KeyPurposeId.

- patch to deal with null revocations return from other CRL in X509V2CRLGenerator.

- correction to excluded DN in name constraints processing for PKIX processing.

- mask fix to single byte read in TlsInputStream.

- additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.

- fix for named curve recognition in ECOST key generation.

- addition of getTsa() to TimeStampTokenInfo.

- initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.

- patch to deal with null revocations return from other CRL in X509V2CRLGenerator.

- correction to excluded DN in name constraints processing for PKIX processing.

- mask fix to single byte read in TlsInputStream.

- additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.

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- addition of getTsa() to TimeStampTokenInfo.

- initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.
Harakiri &lt;harakiri_23&#064yahoo.com&gt; datahandler patch for attached parts in SMIME signatures.  

Pedro Henriques &lt;pmahenriques&#064gmail.com&gt; explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.  

Lothar Kimmeringer &lt;job&#064kimmeringer.de&gt; verbose mode for ASN1Dump, support for DERExternal.  

Richard Farr &lt;rfarr.se&#064gmail.com&gt; initial SRP-6a implementation.  

Thomas Castiglione &lt;castiglione&#0644au.ibm.com&gt; patch to encoding for CRMF OptionalValidity.  

Elisabetta Romani &lt;eromani&#064sogei.it&gt; patch for recognising multiple counter signatures.  

Robin Lundgren &lt;r737lundgren&#064gmail.com&gt; CMPCertificate constructor from X509CertificateStructure fix.  

Petr Kadlec &lt;mormegil&#064centrum.cz&gt; fix to sign extension key and IV problem in HC-128, HC-256.  

Andreas Antener &lt;antener_a&#064gmx.ch&gt; fix to buffer reset in AsymmetricBufferedBlockCipher.  

Harendra Rawat &lt;hsrawat&#064yahoo.com&gt; fix for BERConstructedOctetString.  

Rolf Lindemann &lt;lindemann&#064trustcenter.de&gt; patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].  

Alex Artamonov &lt;alexart.home&#064064attack.cz&gt; name look up patch for GOST-2001 parameters.  

Mike Lyons &lt;mlyons&#064layer7tech.com&gt; work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.  

Chris Cole &lt;chris_h_cole&#064yahoo.com&gt; identified a problem handling null passwords when loading a BKS keystore.  

Tomas Krivanek &lt;tom&#064064atack.cz&gt; added checking of Sender header to SignedMailValidator.  

Michael &lt;emfau&#064t-online.de&gt; correction of field error in getResponse method in CertRepMessage.  

Trevor Perrin &lt;trevor&#064064cryptography.com&gt; addition of constant time equals to avoid possible timing attacks.  

Markus Kilarings &lt;markus&#064064primekey.se&gt; several enhancements to TimeStampResponseGenerator.  

Dario Novakovic &lt;darionis&#064yahoo.com&gt; fix for NPE when checking revocation reason on CRL without extensions.  

Michael Smith &lt;msmith&#064064cbnco.com&gt; bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.  

Andrea Zilio &lt;andrea.zilio&#064insiel.it&gt; contributions to CMS time stamp classes.  

Giacomo Boccardo &lt;gboccardo&#064unimaticaspa.it&gt; initial work on CMSTimeStampedDataParser.
Arnis Tartu &lt;arnis@ut.ee&gt; patches for dealing with OIDs with specific key sizes associated in CMS. 

Janusz Sikociski &lt;J.Sikocinski@gdzie.pl&gt; addition of Features subpacket support to OpenPGP API. 

Juri Hudolejev &lt;jhudolejev@064gmail.com&gt; JavaDoc fix to CMSSignedDataParser. 

Liane Velten &lt;liane.velten@064hjp-consulting.com&gt; fine tuning of code for DHParameters validation. 

Shawn Willden &lt;swillden@064google.com&gt; additional functionality to PGPKeyRing. 

Atanas Krachev &lt;akrachev@064gmail.com&gt; added support for revocation signatures in OpenPGP. 

Mickael Laiking &lt;mickael.laiking@064keynectis.com&gt; initial cut of EAC classes. 

Tim Buktu &lt;tibuktu@064hotmail.com&gt; Initial implementation of NTRU signing and encryption. 

Bernd &lt;bernd@064gmail.com&gt; Fix for open of PGP literal data stream with UTF-8 naming. 

Steing Inge Morisbak &lt;stein.inge.morisbak@064BEKK.no&gt; Test code for lower case Hex data in PEM headers. 

Andreas Schmid &lt;andreas.schmid@064tngtech.com&gt; Additional expiry time check in PGPPublicKeys. 

Phil Steitz &lt;phil.steitz@064gmail.com&gt; Final patch eliminating JCE dependencies in the OpenPGP BC classes. 

Ignat Korchagin &lt;ignat.korchagin@064gmail.com&gt; Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002. 

Petar Petrov &lt;p.petrov@064bers-soft.com&gt; Testing and debugging of UTF-8 OpenPGP passwords. 

Daniel Fitzpatrick &lt;daniel.f.nwr@064gmail.com&gt; Initial implementation of ephemeral key support for IES, initial implementations of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC. 

Andy Neilson &lt;Andy.Neilson@quest.com&gt; a further patches to deal with multiple providers and PEMReader. 

Ted Shaw &lt;xiao.xj@064gmail.com&gt; patch to MiscPEMGenerator for handling new PKCS10CertificationRequests. 

Eleriseth &lt;Eleriseth@WPECGLtYbVi8R16Y7Vzl2Lvd2EUVV99v3yNV3JWROG8.fms&gt; speed up for SIC/CTR mode. Provider compatibility generalisations for EC operations. 

Kenny Root &lt;kenny@064the-b.org&gt; patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV() patch for AEAD. 

Maarten Bodewes &lt;maarten.bodewes@064gmail.com&gt; initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions. 

Philip Clay &lt;pilf_b@064gyahoo.com&gt; Initial implementation of J-PAKE. 

Brian Carlstrom &lt;bcdo@064carlstrom.com&gt; compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, initial provider PBKDF2WithHmacSHA1 SecretKeyFactory. 

Samuel Lid&eacute;n Borell &lt;samuel@primekey.se&gt; patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder. 

Sergio Demian Lerner &lt;sergiolerner@064certimix.com&gt; pointing out isInfinity issue in ECDSASigner signature verification. 

Tim Whittington &lt;Tim.Whittington@064orionhealth.com&gt; patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInputStream implementations for use with AAD and subsequent bug fixes.
cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDCrypt, PGP API documentation and code quality work.

- Marcus Lundblad &lt;marcus.lundblad@primekey.se&gt; patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.
- Andrey Zhozhin &lt;zhozhin@xrm.ru&gt; patch for override of TSP SignerInfo attributes.
- Sergey Tiunov &lt;st555d@#064gmail.com&gt; initial cut of DVCS classes.
- Damian Kolasa &lt;fatfredyy@#064gmail.com&gt; ASN1Sequence patch for class cast issue in X9Curve.
- Ash Hughes &lt;ashley.hughes@#064blueyonder.co.uk&gt; patches for supporting PGP Secret Key Ring/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().
- Marcus Lundblad &lt;marcus.lundblad@primekey.se&gt; patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.
- Andrey Zhozhin &lt;zhozhin@xrm.ru&gt; patch for override of TSP SignerInfo attributes.
- Sergey Tiunov &lt;st555d@#064gmail.com&gt; initial cut of DVCS classes.
- Damian Kolasa &lt;fatfredyy@#064gmail.com&gt; ASN1Sequence patch for class cast issue in X9Curve.
- Ash Hughes &lt;ashley.hughes@#064blueyonder.co.uk&gt; patches for supporting PGP Secret Key Ring/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().
- Marcus Lundblad &lt;marcus.lundblad@primekey.se&gt; patch for working around JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.
- Andrey Zhozhin &lt;zhozhin@xrm.ru&gt; patch for override of TSP SignerInfo attributes.
KB Sriram <mail_kb@yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.</li>
<li>Marco Schulze <marco@nightlabs.de> Reported verification bug in GenericSigner.</li>
<li>Martin Schaef <https://github.com/martinschaef> contributed a code-cleanup patch.</li>
<li>dstutz <https://github.com/dstutz> added iteration count setters to PKCS#12 PBE mac/key generator builders.</li>
<li>Tobias Wich <tobias.wich@ecsec.de> Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.</li>
<li>Hauke Mehrtens <hauke@hauke-m.de> TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.</li>
<li>Daniel Zimmerman <dmz@4galois.com> Further key quality improvements to RSAKeyPairGenerator.</li>
<li>Jens Kapitza <jkapitza@schwarze-allianz.de> Iterable support in OpenPGP API, code cleanup in OpenPGP API.</li>
<li>Johan Eklund <johan@primekey.se> update to RFC 6960 for OCSPObjectIdentifiers.</li>
<li>nikosn <https://github.com/nikosn> Fix to encoding of EC private keys to ensure encoding matches order length.</li>
<li>Axel von dem Bruch <axel-vdb@riseup.net> Contributions to BCrypt/OpenBSD BCrypt, original version of Blake2bDigest.</li>
<li>Derek Atkins <derek@ihtfp.com> Documentation fixes to X9ObjectIdentifiers.</li>
<li>Peter Jr Halicky <peto@halicky.sk> Correction to notification/error message handling in SignedMailValidator.</li>
<li>lartiguePierre <https://github.com/lartiguePierre> Fix for counter signature SID in CMSSignedData.</li>
<li>Thomas Belot <thomas.belot+BC@gmail.com> initial CertPathLoopTest for demonstrating stack overflow issue.</li>
<li>Rich DiCroce <https://github.com/richrion> Initial implementation of server-side TLS-SRP support. TLS API extension to support non-blocking usage.</li>
<li>Bj&ouml;rn Kautler <https://github.com/bjoernkautler> Refined to cert path validation (authority key addition, certificate order preservation).</li>
<li>Dominik Sch&uuml;rmann <https://github.com/dschuermann> method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.</li>
<li>Michael <MSKnete@#064web.de> initial fix for bitStrength issue for OpenPGP EC keys.</li>
<li>Tobias Wagner <https://github.com/tobias.wagner> Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].</li>
<li>Sergio Giro <sgiro@#064google.com> Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.</li>
<li>bschuette <https://github.com/bschuette> Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.</li>
<li>Leonard Dallot <https://github.com/dallotTazTag> Fix to S2K usage of none on changing passwords on keys without passwords originally.</li>
<li>Jan Willem Janssen <j.w.janssen@bouncycastle.nl> Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory. initial object signer verifier for BC lightweight EC.</li>
<li>Sebastian Oerding <sebastian.oerding@robotron.de> Fixes to toString() in x509.CertificatePolicies.</li>
<li>Kai Kramer <kai.kramer@#064gmail.com> Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.</li>
<li>Benoit Charles <benoit.charles@opentrust.com> Fix for IES data length check on decryption.
<li>Niko &lt;nfink95@064gmail.com&gt; fix to cast issue in getOutputSize() for ECIES.</li>
<li>akwizgran&lt;https://github.com/akwizgran&gt; Fixed clone of key in Blake2bDgest copy constructor, blake2b reset issue for variant keys.</li>
<li>Matthias Edelhoff &lt;Matthias.Edelhoff@064cryptovision.com&gt; BasicConstraintsValidation pathlen fix in PKIX certpath classes.</li>
<li>Łukasz Deputat &lt;łukasz.deputat@064gmail.com&gt; Fixed bugs in TlsUtils read methods [#BJA-592].</li>
<li>Justin Ludwig &lt;https://github.com/justinludwig&gt; Iterator fix for PGObjectFactory to handle stream packets at start of iterated data.</li>
<li>Andrzejacutecz; Berenguel &lt;https://github.com/berenguel&gt; Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi</li>
<li>Slawomir Jaranowski &lt;https://github.com/slaweekjaranowski&gt; Patch to make cipher/hash/signature name methods in PGP internal API public.</li>
<li>Andrey Vasilyev &lt;https://github.com/andrey-vasilyev&gt; Initial implementation of GOST R 34.11-2012.</li>
<li>William Glanton &lt;wglanton77@064gmail.com&gt; Fixed bug in Poly1305 [#BJA-620].</li>
<li>jdvorak001 &lt;https://github.com/jdvorak001&gt; Speed improvements for ASN.1 ObjectIdentifier cache.</li>
<li>Joseph Naegle &lt;jaegele@064grierforensics.com&gt; Patch for handling multiple certificates in a DANE SMIMEA entry.</li>
<li>Andrew Bonventre &lt;https://github.com/andbybons&gt; NullPointer patch for WNafUtil.</li>
<li>The Google Security Team (Project Wycheproof) &lt;https://github.com/google/wycheproof&gt; defect analysis and additional test cases for the provider.</li>
<li>Gorka Irazoqui &lt;girazoki@064wpi.edu&gt; from Intel Security Center of Excellence &lt;https://security-center.intel.com/&gt; detection of the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine and finding cache sensitivities in EC key generation/signing.</li>
<li>Joerg Senekowitsch &lt;joerg.senekowitsch@064veridos.com&gt; patch to deal with hard coded boolean in EAC ECDSAPublicKey.</li>
<li>Alexandr Krivoshta &lt;wipe@064ya.ru&gt; N4 calculation fix to GOFB mode.</li>
<li>Artem Storozhuk &lt;storoj72@064gmail.com&gt; N4 calculation fix to GOFB mode.</li>
<li>Na Yu &lt;na.yu@064samsung.com&gt; Constructor patches to CMC PKIData.</li>
<li>Evangelos Karatsiolis &lt;ekaratsiolis@064mtg.de&gt; Corrected use of explicit tagging in X.509 PolicyConstraints class.</li>
<li>VivleSoren &lt;https://github.com/VivleSoren&gt; additional constructor for McElieceCCA2PrivateKeyParameters.</li>
<li>mtausig &lt;https://github.com/mtausig&gt; JavaDoc fix for MCSEncryptedDataGenerator.</li>
<li>Sebastian Wolfgang Roland &lt;sebastianwolfgang.roland@064stud.tu-darmstadt.de&gt; Initial XMS/XMSS-MT implementation.</li>
<li>didisoft &lt;https://github.com/didisoft&gt; test code for PGP signature removal involving user ids.</li>
<li>Mike Safonov &lt;https://github.com/MikeSafonov&gt; initial implementation of GOST3410-2012 for lightweight provider and JCA, parameters patches for ECQOST keys, initial implementation of GOST3412-2015, addition of fromExtensions() for CRLDistPoint.</li>
<li>Artem Storozhuk &lt;storoj72@064gmail.com&gt; initial implementation of DSTU7564 (digest) and DSTU7624 (cipher) and their associated modes.</li>
<li>Andreas Glaser &lt;andreas.glaser@064gi-de.com&gt; patch to recognise ANSSI curves for PKCS#10 requests.</li>
<li>codeborne &lt;https://github.com/cbxp&gt; patch to correct OIDs used in public key digest parameters for ECQOST-2012.
<li>FauxFaux &lt;https://github.com/FauxFaux&gt; patch for JDK 1.9 update to DRBG.java.</li>
<li>4garbage &lt;https://github.com/4garbage&gt; patch to allow GOST3410-94 private keys encoded as integers.</li>
<li>ekszz &lt;https://github.com/ekszz&gt; corrections to SM2 signer to include default identity value.</li>
<li>jminer &lt;https://github.com/jminer&gt; fix to Blake2b for hashes in range of 2**64-127 to 2**64.</li>
<li>str4d &lt;https://github.com/str4d&gt; initial implementation of Blake2s.</li>
<li>Scott Woodward &lt;scott@bit3consulting.com&gt; performance fixes for CTRSP800DRBG.</li>
<li>David Straw &lt;https://github.com/ismarcrt&gt; fix for off by one error in SCRYPT bounds checking.</li>
<li>chris mccown &lt;0xchrismccown@#064gmail.com&gt; identification of serialisation issue with XMSS/XMSSMT private keys (see also CVE-2018-1000613).</li>
<li>ZZMarquis &lt;https://github.com/ZZMarquis&gt; offset patch for SM2 decrypt.</li>
<li>Andreas Kretschmer &lt;https://github.com/Akretsch&gt; NPE fix for CertTemplate.getVersion().</li>
<li>Armin Lunkeit, Michael Tautenhahn &lt;&gt; identification of M-R test issue on higher certainty values in RSA key pair generation.</li>
<li>Vincent Breitmoser &lt;https://github.com/Valodim&gt; fix to ignore unnecessary checksum calculator on PGP secret key encryption.</li>
<li>Adam Vartanian &lt;https://github.com/flooey&gt; use of ShortBuffer exception and buffer size pre-check in Cipher.doFinal().</li>
<li>Bernd &lt;https://github.com/ecki&gt; Fix to make PGPUtil.pipeFileContents use buffer and not leak file handle.</li>
<li>Shartung &lt;https://github.com/shartung&gt; Additional EC Key Agreement algorithms in support of German BSI TR-03111.</li>
<li>Paul Schaub &lt;https://github.com/vanitasvitae&gt; bringing PGPSecretKey.getUserIds() into line with PGPPublicKey.getUserIds(). Exception message fix in BcPublicKeyDataDecryptorFactory. Additional tests on PGP key ring generation.</li>
<li>Nick of Nexxar &lt;https://github.com/nros&gt; update to OpenPGP package to handle a broader range of EC curves.</li>
<li>catbref &lt;https://github.com/catbref&gt; sample implementation of RFC 7748/Ed25519 (incorporated work from github users Valodim and str4d as well).</li>
<li>gerlion &lt;https://github.com/gerlion&gt; detection of concurrency issue with pre-1.60 EC math library.</li>
<li>fgrieu &lt;fgrieu@#064gmail.com&gt; identification and suggested fixes for possible timing vulnerability in OAEPEncoding and RSACoreEngine.</li>
<li>MTG &lt;https://github.com/mtgag&gt; patch for decoding issues in PKIPublicationInfo and CertifiedKeyPair.</li>
<li>Andreas Gadermaier &lt;up.gadermaier@#064gmail.com&gt; initial version of Argon2 PBKDF algorithm.</li>
<li>Tony Washer &lt;tony.washer@yahoo.co.uk&gt; review of qTesla, Java 1.9 module code.</li>
<li>Vincent Bouckaert &lt;https://github.com/veebec&gt; initial version of RFC 4998 ASN.1 classes.</li>
<li>Tony Washer &lt;https://github.com/tonywasher&gt; ECIESKeyEncapsulation fix for use of OldCofactor mode.</li>
<li>Aurimas Liutikas &lt;https://github.com/liutikas&gt; JavaDoc patches to ReasonsMask.</li>

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jar/com/github/difflib/patch/DiffException.java
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jar/com/github/difflib/text/DiffRow.java
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jar/com/github/difflib/patch/MyersDiff.java
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jar/com/github/difflib/patch/PatchFailedException.java
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jar/com/github/difflib/DiffUtils.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4-0-sources-1-
jar/com/github/difflib/patch/InsertDelta.java
* /opt/cola/permits/1001477276_1606843467.84/0/java-diff-utils-4-0-sources-1-
jar/com/github/difflib/algorithm/myers/MyersDiff.java
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* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/ClassDescriptor.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/RiverObjectOutputStream.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/RiverMarshallerFactory.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/BasicSerializableClassDescriptor.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/SerializableClassDescriptor.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/RiverObjectInputStream.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/SimpleClassDescriptor.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/ExternalizerClassDescriptor.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/FutureSerializableClassDescriptor.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/BlockMarshaller.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources.jar/org/jboss/marshalling/river/RiverMarshaller.java
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#
#
# River protocol provider
#
org.jboss.marshalling.river.RiverProviderDescriptor

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* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources-jar/org/jboss/marshalling/river/RiverProviderDescriptor.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources-jar/org/jboss/marshalling/river/package-info.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources-jar/org/jboss/marshalling/river/ClassDescriptors.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources-jar/org/jboss/marshalling/river/BlockUnmarshaller.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources-jar/org/jboss/marshalling/river/Protocol.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources-jar/org/jboss/marshalling/river/RiverPutField.java
* /opt/cola/permits/1258711751_1643103250.73/0/jboss-marshalling-river-2-0-6-final-sources-jar/org/jboss/marshalling/river/Validator.java

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/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {

    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

}
/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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import java.io.IOException;
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 */
public interface CopyingOutputStream {
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}

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1.1382 wildfly-core-management-client

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Name: sklearn
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libraries = ['mkl_intel_lp64', 'mkl_intel_thread', 'mkl_core', 'iomp5', 'pthread']
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Description: Use `scikit-learn <https://pypi.python.org/pypi/scikit-learn/>`_ instead.
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# PLY (Python Lex-Yacc)       Version 3.11

![Build Status](https://travis-ci.org/dabeaz/ply.svg?branch=master)

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Introduction

------------

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc.
  If you know how to use these tools in C, you will find PLY to be similar.
- PLY provides *very* extensive error reporting and diagnostic information to assist in parser construction. The original implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.

- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.

- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.

- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.

- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

How to Use
==========

PLY consists of two files: lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:

```python
import ply.lex as lex
import ply.yacc as yacc
```

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

```python
import lex
import yacc
```

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use PLY.
the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements
=============
PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

Resources
========= More information about PLY can be obtained on the PLY webpage at:

http://www.dabeaz.com/ply

For a detailed overview of parsing theory, consult the excellent book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

https://github.com/dabeaz/ply

An old and relatively inactive discussion group for PLY is found at:

http://groups.google.com/group/ply-hack

Acknowledgments
=================
A special thanks is in order for all of the students in CS326 who suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x. Andrew Waters and Markus Schoepflin were instrumental in reporting bugs and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0
==========================
PLY-3.0 the first PLY release to support Python 3. However, backwards compatibility with Python 2.6 is still preserved. PLY provides dual
Python 2/3 compatibility by restricting its implementation to a common subset of basic language features. You should not convert PLY using 2to3—it is not necessary and may in fact break the implementation.

Example

=======

Here is a simple example showing a PLY implementation of a calculator with variables.

```
# calc.py
# A simple calculator with variables.

tokens = ('NAME', 'NUMBER', 'PLUS', 'MINUS', 'TIMES', 'DIVIDE', 'EQUALS', 'LPAREN', 'RPAREN',
)

# Tokens

def t_PLUS(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_MINUS(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_TIMES(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_DIVIDE(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_EQUALS(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_LPAREN(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_RPAREN(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_NAME(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_NUMBER(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_ignore(t):
    r'^[a-zA-Z_][a-zA-Z0-9_]*'
    t.value = int(t.value)
    return t

def t_error(t):
    "Illegal character '%s' % t.value[0])
    t.lexer.skip(1)
```
# Build the lexer
import ply.lex as lex
lex.lex()

# Precedence rules for the arithmetic operators
precedence = (
    ('left','PLUS','MINUS'),
    ('left','TIMES','DIVIDE'),
    ('right','UMINUS'),
)

# dictionary of names (for storing variables)
names = { } 

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    "expression : expression PLUS expression
                | expression MINUS expression
                | expression TIMES expression
                | expression DIVIDE expression"

def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]

def p_expression_group(p):
    'expression : LPAREN expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
```python
p[0] = names[p[1]]
extcept LookupError:
    print("Undefined name \"%s\" % p[1])
p[0] = 0

def p_error(p):
    print("Syntax error at \"%s\" % p.value)

import ply.yacc as yacc
yacc.yacc()

while True:
    try:
        s = raw_input('calc > ')  # use input() on Python 3
    except EOFError:
        break
    yacc.parse(s)
```

Bug Reports and Patches

My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. Please visit the PLY github page at https://github.com/dabeaz/ply to submit issues and pull requests. To contact me about bugs and/or new features, please send email to dave@dabeaz.com.

-- Dave

Found in path(s):
* /opt/cola/permits/1162588873_1631300834.75/0/ply-3-11-zip/ply-3.11/README.md

1.1388 jackson-dataformat-cbor 2.8.6

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1.1389 batik-awt-util 1.7

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jar/org/apache/commons/discovery/jdk/JDK12Hooks.java
* /opt/cola/permits/1136044975_161364860.94/0/commons-discovery-0-2-sources-1-
jar/org/apache/commons/discovery/tools/PropertiesHolder.java
* /opt/cola/permits/1136044975_161364860.94/0/commons-discovery-0-2-sources-1-
jar/org/apache/commons/discovery/tools/DiscoverClass.java
* /opt/cola/permits/1136044975_161364860.94/0/commons-discovery-0-2-sources-1-
jar/org/apache/commons/discovery/tools/ClassUtils.java
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jar/org/apache/commons/discovery/tools/SPInterface.java
* /opt/cola/permits/1136044975_161364860.94/0/commons-discovery-0-2-sources-1-
jar/org/apache/commons/discovery/tools/EnvironmentCache.java
* /opt/cola/permits/1136044975_161364860.94/0/commons-discovery-0-2-sources-1-
jar/org/apache/commons/discovery/tools/DefaultClassHolder.java
* /opt/cola/permits/1136044975_161364860.94/0/commons-discovery-0-2-sources-1-
jar/org/apache/commons/discovery/jdk/PsuedoSystemClassLoader.java
* /opt/cola/permits/1136044975_161364860.94/0/commons-discovery-0-2-sources-1-
jar/org/apache/commons/discovery/DiscoveryException.java
* /opt/cola/permits/1136044975_161364860.94/0/commons-discovery-0-2-sources-1-
jar/org/apache/commons/discovery/tools/ResourceUtils.java
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  jar/org/apache/commons/discovery/resource/ResourceDiscoverImpl.java
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  jar/org/apache/commons/discovery/ResourceClassIterator.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/names/DiscoverNamesInDictionary.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/names/DiscoverNamesInAlternateManagedProperties.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/names/ResourceNameDiscoverImpl.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/ant/ServiceDiscoveryTask.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/DiscoverResources.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/names/DiscoverNamesInManagedProperties.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/names/DiscoverNamesInFile.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/classes/DiscoverClasses.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/names/DiscoverServiceNames.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/ResourceClassDiscover.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/names/DiscoverMappedNames.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/ResourceClass.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
  jar/org/apache/commons/discovery/resource/ResourceIterator.java
* /opt/cola/permits/1136044975_1613664860.94/0/commons-discovery-0-2-sources-1-
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1.1400 lvm2 2.02.187-6.el7_9.5

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 */
/**
 * Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
 * its [@link ChannelPipeline].
 *
 * <h3>Sub-types</h3>
 * <p>
 * [@link ChannelHandler] itself does not provide many methods, but you usually have to implement one of its
 * subtypes:
 * <ul>
 * <li>[@link ChannelInboundHandler] to handle inbound I/O events, and</li>
 * <li>[@link ChannelOutboundHandler] to handle outbound I/O operations.</li>
 * </ul>
 * </p>
 * <p>
 * Alternatively, the following adapter classes are provided for your convenience:
 * <ul>
 * <li>[@link ChannelInboundHandlerAdapter] to handle inbound I/O events,</li>
 * <li>[@link ChannelOutboundHandlerAdapter] to handle outbound I/O operations, and</li>
 * <li>[@link ChannelDuplexHandler] to handle both inbound and outbound events</li>
 * </ul>
 * </p>
 * <p>
 * For more information, please refer to the documentation of each subtype.
 * </p>
 * 
 * <h3>The context object</h3>
 * <p>
* A [@link ChannelHandler] is provided with a [@link ChannelHandlerContext] object. A [@link ChannelHandler] is supposed to interact with the [@link ChannelPipeline] it belongs to via a context object. Using the context object, the [@link ChannelHandler] can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using [@link AttributeKey]s) which is specific to the handler.

* A [@link ChannelHandler] is supposed to interact with the [@link ChannelPipeline] it belongs to via a context object. Using the context object, the [@link ChannelHandler] can pass events upstream or downstream, modify the pipeline dynamically, or store the information (using [@link AttributeKey]s) which is specific to the handler.

* <h3>State management</h3>

* A [@link ChannelHandler] often needs to store some stateful information. The simplest and recommended approach is to use member variables:

* public interface Message {
    // your methods here
}

* public class DataServerHandler extends [@link SimpleChannelInboundHandler]&lt;Message&gt; {
    * private boolean loggedIn;

    * @Override
    * public void channelRead0([@link ChannelHandlerContext] ctx, Message message) {
        * if (message instanceof LoginMessage) {
            authenticate((LoginMessage) message);
            loggedIn = true;
        } else (message instanceof GetDataMessage) {
            if (loggedIn) {
                ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
            } else {
                fail();
            }
        }
    }

    * }

    * }

* Because the handler instance has a state variable which is dedicated to one connection, you have to create a new handler instance for each new channel to avoid a race condition where an unauthenticated client can get the confidential information:

* // Create a new handler instance per channel.
* // See [@link ChannelInitializer#initChannel(Channel)].
* public class DataServerInitializer extends [@link ChannelInitializer]&lt;Channel&gt; {
    * @Override
    * public void initChannel([@link Channel] channel) {
        * channel.pipeline().addLast("handler", new DataServerHandler());
    }

* ]
* }
* </pre>
* 
* <h4>Using {@link AttributeKey}s</h4>
* 
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
* <pre>
* public interface Message {
*     // your methods here
* }
* 
* { @code @Sharable }
* public class DataServerHandler extends { @link SimpleChannelInboundHandler}&lt;Message&gt; { 
*     private final { @link AttributeKey }&lt;{ @link Boolean }&gt; auth = 
*         { @link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
* 
*     { @code @Override }
*     public void channelRead({ @link ChannelHandlerContext} ctx, Message message) { 
*         { @link Attribute }&lt;{ @link Boolean }&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) { 
*             if (&lt;b&gt;Boolean.TRUE.equals(attr.get())&lt;/b&gt;) { 
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         } else {
*             ... 
*         }
*     }
* }
* )
* </pre>
* Now that the state of the handler is attached to the { @link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends { @link ChannelInitializer}&lt;{ @link Channel}&gt; { 
*     private static final DataServerHandler &lt;b&gt;SHARED&lt;/b&gt; = new DataServerHandler();
* 
*     { @code @Override }
*     public void initChannel({ @link Channel} channel) { 
*         channel.pipeline().addLast("handler", &lt;b&gt;SHARED&lt;/b&gt;); 
*     }
* )
*
The `@Sharable` annotation

In the example above which used an `@link AttributeKey`, you might have noticed the `@code @Sharable` annotation.

If a `@link ChannelHandler` is annotated with the `@code @Sharable` annotation, it means you can create an instance of the handler just once and add it to one or more `@link ChannelPipeline`s multiple times without a race condition.

If this annotation is not specified, you have to create a new handler instance every time you add it to a pipeline because it has unshared state such as member variables.

This annotation is provided for documentation purpose, just like `@a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>`.

Additional resources worth reading

Please refer to the `@link ChannelHandler`, and `@link ChannelPipeline` to find out more about inbound and outbound operations, what fundamental differences they have, how they flow in a pipeline, and how to handle the operation in your application.

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Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:50 PM
To: Tom Callaway <tcallawa@redhat.com>
CC: "jorge@iryoku.com" <jorge@iryoku.com>

Yes to both questions.

Thanks,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:49 PM
To: Jorge Jimenez <iryoku@gmail.com>
CC: jorge@iryoku.com
Subject: Re: Question about Mesa MLAA license

On 01/08/2013 12:39 PM, Jorge Jimenez wrote:
> Hi Tom,
> >
> > What we meant with that is that we made an exception for clause 2.
> > Instead of clause 2, in the case of the Mesa project, you have to name
> > the technique Jimenez's MLAA in the config options of Mesa. We did that
> > just to allow them to solve license issues. This exception should be for
> > the Mesa project, and any project using Mesa, like Fedora.
> >
> > We want to widespread usage of our MLAA, so we want to avoid any kind of
> > license complications. Hope current one is good for Fedora, if not
> > please tell, and we'll see what we can do!

Okay, a few more questions:

* If Fedora decides to simply reproduce the quoted statement:
"Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia, Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."

Specifically, if this is done as part of documentation included with Mesa, is that sufficient to meet clause 2 even if the Mesa config option is not set as described in your exception?

* Currently, the Mesa config option for MLAA says: "Morphological anti-aliasing based on Jimenez's MLAA. 0 to disable, 8 for default quality". Is this in compliance with your exception?

Thanks again,

~tom

==

Fedora Project

Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:39 PM
To: "jorge@iryoku.com" <jorge@iryoku.com>, Tom Callaway <tcallawa@redhat.com>

Hi Tom,

What we meant with that is that we made an exception for clause 2. Instead of clause 2, in the case of the Mesa project, you have to name the technique Jimenez's MLAA in the config options of Mesa. We did that just to allow them to solve license issues. This exception should be for the Mesa project, and any project using Mesa, like Fedora.

We want to widespread usage of our MLAA, so we want to avoid any kind of license complications. Hope current one is good for Fedora, if not please tell, and we'll see what we can do!

Cheers,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:30 PM
To: jorge@iryoku.com
Subject: Question about Mesa MLAA license

Jorge,

Thanks for all of your fantastic graphics work! I have been auditing Fedora (a popular distribution of Linux) for license compliance and I came across your MLAA code in Mesa.
The license says:

* 2. Redistributions in binary form must reproduce the following statement:
 *
 * "Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia,
 * Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."
 *
 * Only for use in the Mesa project, this point 2 is filled by naming the
 * technique Jimenez's MLAA in the Mesa config options.

That wording is unclear. When you say "Only for use in the Mesa
project...", it seems like you could either be saying:

- This code may only be used as part of Mesa.

OR

- In Mesa, you can comply with clause 2 by simply selecting "Jimenez's
MLAA" in the Mesa config options.

*****

If the first item is true, then we may have to remove the MLAA code from
Fedora's copy of Mesa. However, looking at the license on your SMAA
code, I do not believe it to be the case. Please let me know either way!

Thanks in advance,

Tom Callaway
Fedora Legal

==
Fedora Project

1.1404 pykafka 2.8.0
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When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with
the library.

We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.
The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.
This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.
6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
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It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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Preamble

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

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Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The
former contains code derived from the library, while the latter only
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Note that it is possible for a library to be covered by the ordinary
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A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
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"Source code" for a work means the preferred form of the work for
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a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.
In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or
link a “work that uses the Library” with the Library to produce a
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Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable “work that
uses the Library”, as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
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A. HISTORY OF THE SOFTWARE

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python’s principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2-0-6-final-sources.jar/org/jboss/marshalling/MarshallerObjectInputStream.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2-0-6-final-sources.jar/org/jboss/marshalling/ModularClassTable.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling/reflect/PublicReflectiveCreator.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling/Marshalling.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling/util/IntMap.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling/util/FloatFieldPutter.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling/AbstractUnmarshaller.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling/ByteOutputStream.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/TraceInformation.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/Marshaller.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/Externalize.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/MarshallingConfiguration.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/reflect/SerializableClassRegistry.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/util/IntReadField.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/MarshallerObjectOutput.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/MarshallerObjectInput.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/Externalizer.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/cloner/CloneableCloner.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/cloner/ObjectClonerSource.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/Unmarshaller.java
* /opt/cola/permits/1258711925_1643103162.15/0/jboss-marshalling-2.0.6-final-sources.jar/org/jboss/marshalling/cloner/ObjectCloner.java

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   * /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0.5-1.1-tar-gz/webencodings-0.5.1/webencodings/x_user_defined.py
   * /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0.5-1.1-tar-gz/webencodings-0.5.1/webencodings/tests.py
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from setuptools import setup, find_packages
import io
import os
import re

VERSION = re.search("VERSION = '(\d{1,})+'", io.open(
    os.path.join(os.path.dirname(__file__), 'webencodings', '__init__.py'),
    encoding='utf-8').read().strip()).group(1)

LONG_DESCRIPTION = io.open(
    os.path.join(os.path.dirname(__file__), 'README.rst'),
    encoding='utf-8').read()

setup(
    name='webencodings',
    version=VERSION,
    url='https://github.com/SimonSapin/python-webencodings',
    license='BSD',
    author='Simon Sapin',
    author_email='simon.sapin@exyr.org',
    maintainer='Geoffrey Sneddon',
    maintainer_email='me@gsnedders.com',
    description='Character encoding aliases for legacy web content',
    long_description=LONG_DESCRIPTION,
    classifiers=[
        'Development Status :: 4 - Beta',
        'Intended Audience :: Developers',
        'License :: OSI Approved :: BSD License',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 2.6',
        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.3',
        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: Implementation :: CPython',
    ],
)
'Programming Language :: Python :: Implementation :: PyPy',
'Topic :: Internet :: WWW/HTTP',
],
packages=find_packages(),
)

Found in path(s):
* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0-5-1-1-tar-gz/webencodings-0.5.1/setup.py
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```
webencodings.mklabels
~~~~~~~~~~~~~~~~~~~~~
Regenerate the webencodings.labels module.

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```

```
import json
try:
    from urllib import urlopen
except ImportError:
    from urllib.request import urlopen

def assert_lower(string):
    assert string == string.lower()
    return string

def generate(url):
    parts = "\\
```
webencodings.labels
~~~~~~~~~~~~~~~~~~
Map encoding labels to their name.

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```

---
LABELS = {
    "}
    labels = [
        (repr(assert_lower(label)).lstrip('u'),
         repr(encoding['name']).lstrip('u'))
        for category in json.loads(urlopen(url).read().decode('ascii'))
        for encoding in category['encodings']
        for label in encoding['labels']
    ]
    max_len = max(len(label) for label, name in labels)
    parts.extend(
        '    %s:%s %s
              % (label, ' ' * (max_len - len(label)), name)
             for label, name in labels)
    parts.append('})
    return ''.join(parts)

if __name__ == '__main__':
    print(generate('http://encoding.spec.whatwg.org/encodings.json'))

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Metadata-Version: 1.1
Name: webencodings
Version: 0.5.1
Summary: Character encoding aliases for legacy web content
Home-page: https://github.com/SimonSapin/python-webencodings
Author: Geoffrey Sneddon
Author-email: me@gsnedders.com
License: BSD
Description: python-webencodings

This is a Python implementation of the `WHATWG Encoding standard
<http://encoding.spec.whatwg.org/>`_

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker:
  https://github.com/gsnedders/python-webencodings
* PyPI releases: http://pypi.python.org/pypi/webencodings
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* Python 2.6+ and 3.3+
In order to be compatible with legacy web content when interpreting something like `Content-Type: text/html; charset=latin1`, tools need to use a particular set of aliases for encoding labels as well as some overriding rules.

For example, `US-ASCII` and `iso-8859-1` on the web are actually aliases for `windows-1252`, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Pythons.

Platform: UNKNOWN
Classifier: Development Status :: 4 - Beta
Classifier: Intended Audience :: Developers
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Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3
Classifier: Programming Language :: Python :: 3.3
Classifier: Programming Language :: Python :: 3.4
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Classifier: Programming Language :: Python :: 3.6
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Classifier: Programming Language :: Python :: Implementation :: PyPy
Classifier: Topic :: Internet :: WWW/HTTP

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* /opt/cola/permits/1110814957_1606854649.94/0/webencodings-0.5.1/webencodings.egg-info/PKG-INFO

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python-webencodings

==============

This is a Python implementation of the `WHATWG Encoding standard <http://encoding.spec.whatwg.org/>`

* Latest documentation: http://packages.python.org/webencodings/
* Source code and issue tracker:
  https://github.com/gsnedders/python-webencodings
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In order to be compatible with legacy web content when interpreting something like `Content-Type: text/html; charset=latin1`, tools need to use a particular set of aliases for encoding labels as well as some overriding rules.

For example, ``US-ASCII`` and `iso-8859-1` on the web are actually aliases for `windows-1252`, and an UTF-8 or UTF-16 BOM takes precedence over any other encoding declaration.

The Encoding standard defines all such details so that implementations do not have to reverse-engineer each other.

This module has encoding labels and BOM detection, but the actual implementation for encoders and decoders is Pythons.

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1.1422 oniguruma 6.9.4-1.el7.0atomix1

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* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/signature/impl/RetrievalMethodUnmarshaller.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/keyinfo/impl/provider/package-info.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/encryption/impl/ReferenceTypeUnmarshaller.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/encryption/impl/TransformsMarshaller.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/encryption/impl/AbstractXMLEncryptionMarshaller.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/keyinfo/impl/LocalKeyInfoCredentialResolver.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/impl/BasicEncryptionParametersResolver.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/encryption/impl/EncryptionMethodBuilder.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/signature/impl/SPKIDataMarshaller.java
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* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/signature/impl/DigestMethodBuilder.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/signature/impl/X509IssuerSerialUnmarshaller.java
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* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/encryption/impl/AbstractXMLEncryptionUnmarshaller.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources-jar/org/opensaml/xmlsec/signature/impl/TransformsUnmarshaller.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources.jar/org/opensaml/xmlsec/signature/impl/DEREncodedKeyValueImpl.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources.jar/org/opensaml/xmlsec/encryption/impl/DHKeyValueMarshaller.java
* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources.jar/org/opensaml/xmlsec/signature/impl/X509DataUnmarshaller.java
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* /opt/cola/permits/1000740185_1646171536.18/0/opensaml-xmlsec-impl-3-3-0-sources.jar/org/opensaml/xmlsec/encryption/impl/AlgorithmRuntimeSupportedPredicate.java
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* /opt/ws_local/PERMITS_SQL/1069029559_1596255748.98/0/hornetq-jms-client-2-4-7-final-sources-1.jar/org/hornetq/jms/client/HornetQSession.java
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src/xxhash.[ch] src/lz4*.ch: git@github.com:lz4/lz4.git e2827775ee80d2ef985858727575df31fc60f1f3

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1.1442 libgnomekbd 3.26.0 3.el7

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* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-jar/org/springframework/aop/config/AdvisorEntry.java
* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-jar/org/springframework/aop/config/AspectJExpressionPointcut.java
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* /opt/ws_local/PERMITS_SQL/1069262507_1594595098.67/0/spring-aop-5-1-9-release-sources-jar/org/springframework/aop/SpringProxy.java
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1.1467 libpciaccess 0.14 1.el7

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1.1468 pip 19.1.1

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.
In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov  3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
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History
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```java
package io.swagger.models.resourcelisting;

import io.swagger.models.SwaggerBaseModel;

public class ApiInfo extends SwaggerBaseModel {
    private String title = null;
    private String description = null;
    private String termsOfServiceUrl = null;
    private String contact = null;
    private String license = null;
    private String licenseUrl = null;

    public String getTitle() {
        return title;
    }
    public void setTitle(String title) {
        this.title = title;
    }

    public String getDescription() {
        return description;
    }
    public void setDescription(String description) {
        this.description = description;
    }

    public String getTermsOfServiceUrl() {
        return termsOfServiceUrl;
    }
    public void setTermsOfServiceUrl(String termsOfServiceUrl) {
        this.termsOfServiceUrl = termsOfServiceUrl;
    }

    public String getContact() {
    }
```
return contact;
}

public void setContact(String contact) {
    this.contact = contact;
}

public String getLicense() {
    return license;
}

public void setLicense(String license) {
    this.license = license;
}

public String getLicenseUrl() {
    return licenseUrl;
}

public void setLicenseUrl(String licenseUrl) {
    this.licenseUrl = licenseUrl;
}

@Override
public String toString() {
    StringBuilder sb = new StringBuilder();
    sb.append("class ApiInfo {
        title: ").append(title).append("\n");
    sb.append("  description: ").append(description).append("\n");
    sb.append("  termsOfServiceUrl: ").append(termsOfServiceUrl).append("\n");
    sb.append("  contact: ").append(contact).append("\n");
    sb.append("  license: ").append(license).append("\n");
    sb.append("  licenseUrl: ").append(licenseUrl).append("\n");
    sb.append("  extraFields: ").append(getExtraFields()).append("\n");
    sb.append("\n");
    return sb.toString();
}

Found in path(s):
* /opt/cola/permits/1261933022_1643331999.15/0/swagger-compat-spec-parser-1-0-21-sources-jar/io/swagger/models/resourcelisting/ApiInfo.java

1.1489 maven-plugin-api 2.0
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1.1491 mariadb 5.5.68-1.el7

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The MariaDB packages were initially made by http://ourdelta.org/, and are now managed by the MariaDB development team, maria-developers@lists.launchpad.net

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---------------------------------------------------------------
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1.1524 xmltooling 1.4.4

1.1525 spring-jdbc 5.2.2.RELEASE

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 */
/**
 * Strategy interface for translating between {@link SQLException SQLExceptions}
 * and Spring's data access strategy-agnostic {@link DataAccessException} hierarchy.
 *
 * Implementations can be generic (for example, using
 * {@link java.sql.SQLException#SQLException#getSQLState() SQLState} codes for JDBC) or wholly
 * proprietary (for example, using Oracle error codes) for greater precision.
 *
 * @author Rod Johnson
 * @author Juergen Hoeller
 * @see org.springframework.dao.DataAccessException
 */

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* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/object/SqlFunction.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/datasource/DataSourceTransactionManager.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/datasource/init/ScriptUtils.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/datasource/init/ResourceDatabasePopulator.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/datasource/JdbcTransactionObjectSupport.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/core/PreparedStatementCreatorFactory.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/core/namedparam/MapSqlParameterSource.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/core/simple/AbstractJdbcInsert.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/core/namedparam/AbstractSqlParameterSource.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/object/RdbmsOperation.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/support/JdbcUtils.java
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* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/core/ParameterDisposer.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/support/lob/PassThroughBlob.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/datasource/ConnectionProxy.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/datasource/Embedded/EmbeddedDatabaseFactoryBean.java
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/**
 * The classes in this package make JDBC easier to use and 
 * reduce the likelihood of common errors. In particular, they:
 * <ul>
 * <li>Simplify error handling, avoiding the need for try/catch/finally 
 * blocks in application code.
 * <li>Present exceptions to application code in a generic hierarchy of 
 * unchecked exceptions, enabling applications to catch data access 
 * exceptions without being dependent on JDBC, and to ignore fatal 
 * exceptions there is no value in catching.
 * <li>Allow the implementation of error handling to be modified 
 * to target different RDBMSes without introducing proprietary 
 * dependencies into application code.
 * </ul>
 *<p>This package and related packages are discussed in Chapter 9 of 
 * by Rod Johnson (Wrox, 2002).
 */

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jar/org/springframework/jdbc/support/DatabaseMetaDataCallback.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/core/PreparedStatementSetter.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/datasource/init/CompositeDatabasePopulator.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/datasource/lookup/DataSourceLookup.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/core/namedparam/ParsedSql.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/datasource/init/DatabasePopulator.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/datasource/lookup/LobHandler.java
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jar/org/springframework/jdbc/datasource/init/DatabasePopulator.java

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 */

/**
 * Implement this interface when parameters need to be customized based
 * on the connection. We might need to do this to make use of proprietary
 * features, available only with a specific Connection type.
 *
 * @author Rod Johnson
 * @author Thomas Risberg
 * @see CallableStatementCreatorFactory#newCallableStatementCreator(ParameterMapper)
 * @see org.springframework.jdbc.object.StoredProcedure#execute(ParameterMapper)
 */
Create a Map of input parameters, keyed by name.
* @param con a JDBC connection. This is useful (and the purpose of this interface)
* if we need to do something RDBMS-specific with a proprietary Connection
* implementation class. This class conceals such proprietary details. However,
* it is best to avoid using such proprietary RDBMS features if possible.
* @return a Map of input parameters, keyed by name (never [@code null])
* @throws SQLException if an SQLException is encountered setting
* parameter values (that is, there's no need to catch SQLException)
*/

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  jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabase.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
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*/
/**
* Close this LobCreator session and free its temporarily created BLOBs and CLOBs.
* Will not need to do anything if using PreparedStatement's standard methods,
* but might be necessary to free database resources if using proprietary means.
* <p><b>NOTE</b>: Needs to be invoked after the involved PreparedStatements have
* been executed or the affected O/R mapping sessions have been flushed.
* Otherwise, the database resources for the temporary BLOBs might stay allocated.
*/

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* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
  jar/org/springframework/jdbc/datasource/embedded/SimpleDriverDataSourceFactory.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
  jar/org/springframework/jdbc/datasource/lookup/DataSourceLookupFailureException.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
  jar/org/springframework/jdbc/support/incrementer/AbstractSequenceMaxValueIncrementer.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
  jar/org/springframework/jdbc/SQLWarningException.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/config/JdbcNamespaceHandler.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/object/Generic StoredProcedure.java
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* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/support/xml/XmlCharacterStreamProvider.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/support/MetaDataAccessException.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/support/xml/SqlXmlFeatureNotImplementedException.java
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* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/support/incrementer/DB2MainframeSequenceMaxValueIncrementer.java

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jar/org/springframework/jdbc/datasource/embedded/DataSourceFactory.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/datasource/support/incrementer/HsqlMaxValueIncrementer.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/datasource/support/rowset/SqlRowSetMetaData.java
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jar/org/springframework/jdbc/datasource/support/incrementer/SqlServerMaxValueIncrementer.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/datasource/init/UncategorizedScriptException.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-
jar/org/springframework/jdbc/datasource/init/CannotReadScriptException.java
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jar/org/springframework/jdbc/datasource/embedded/ConnectionProperties.java
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* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/core/SqlReturnUpdateCount.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/core/SqlReturnResultSet.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources.jar/org/springframework/jdbc/core/namedparam/NamedParameterJdbcTemplate.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/support/lob/TemporaryLobCreator.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/core/BatchUpdateUtils.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/core/metadata/DerbyTableMetaDataProvider.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseType.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/core/SqlOutParameter.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/core/SqlInOutParameter.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/datasource/DriverManagerDataSource.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/core/SqlRowSetResultSetExtractor.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/datasource/EmbeddedDatabaseFactory.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/core/namedparam/EmptySqlParameterSource.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/JdbcUpdateAffectedIncorrectNumberOfRowsException.java
* /opt/cola/permits/1148130794_1646350072.29/0/spring-jdbc-5-2-2-release-sources-jar/org/springframework/jdbc/core/simple/SimpleJdbcCallOperations.java
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package org.apache.cxf.rs.security.oauth.data;

 /**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
 public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

    /**
     * Indicates that this permission has been allocated by default.
     * Authorization View handlers may use this property in order to restrict
     * the list of scopes which may be refused to non-default scopes only
     * @param isDefault
     */
    public void setDefault(boolean value) {
        this.isDefault = value;
    }
}
public boolean isDefault() {
    return isDefault;
}

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 */
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import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
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 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/SpmcAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/maps/NonBlockingHashMap.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/util/UnsafeAccess.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/LinkedQueueNode.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/SpscArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MessagePassingQueueUtil.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/SpscChunkedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/SpscUnboundedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/SpscUnboundedAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpscGrowableArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/ConcurrentCircularArrayQueue.java
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/spec/Preference.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/spec/Ordering.java
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/QueueFactory.java
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/MessagePassingQueue.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/util/Pow2.java
* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java
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jar/org/jctools/maps/NonBlockingHashMapLong.java
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* /opt/cola/permits/1257262349_1642793356.2/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/MpscUnboundedArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/jctools-core-2-1-1-sources-jar/org/jctools/queues/IndexedQueueSizeUtil.java
* /opt/cola/permits/1257262349_1642793356.2/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpscLinkedQueue.java
* /opt/cola/permits/1257262349_1642793356.2/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpscArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/jctools-core-2-1-1-sources-jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/SpscGrowableAtomicArrayQueue.java
* /opt/cola/permits/1257262349_1642793356.2/jctools-core-2-1-1-sources-jar/org/jctools/queues/atomic/AtomicQueueFactory.java
* /opt/cola/permits/1257262349_1642793356.2/jctools-core-2-1-1-sources-jar/org/jctools/queues/MpscUnboundedArrayQueue.java

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<developers>
  <developer>
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  </developer>
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  <guava-testlib.version>21.0</guava-testlib.version>
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* /opt/cola/permits/1257262349_1642793356.2/0/jctools-core-2-1-1-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

1.1545 jsch 0.1.64

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* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/jce/AES256CTR.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/jce/ARCFOUR256.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/jce/AES128GCM.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/jce/TripleDESCTR.java
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* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/jce/ARCFOUR128.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/jce/AES256GCM.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/jce/AES192CTR.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/jce/AES128CTR.java

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* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/jce/TripleDESCBC.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/KeyPairGenDSA.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/ServerSocketFactory.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/SftpException.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/ChannelShell.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/UserAuthPublicKey.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/SocketFactory.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/PortWatcher.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/DHG14256.java
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* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/CipherNone.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/RequestWindowChange.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/Compression.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/Request.java
* /opt/cola/permits/1265207691_1643886405.74/0/jsch-0-1-64-sources-jar/com/jcraft/jsch/DHGEX256.java
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* /opt/cola/permits/1265207691_1643886405.74/jar/com/jcraft/jsch/ChannelAgentForwarding.java

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- analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration

This software includes a binary and/or source version of data from

mecab-ipadic-2.7.0-20070801

which can be obtained from

http://atilika.com/releases/mecab-ipadic/mecab-ipadic-2.7.0-20070801.tar.gz

or

http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

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* /opt/cola/permits/1136662030_1613850651.4/0/spring-boot-autoconfigure-2-1-4-release-sources-2-
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* /opt/cola/permits/1136662030_1613850651.4/0/spring-boot-autoconfigure-2-1-4-release-sources-2-jar/org/springframework/boot/autoconfigure/task/TaskSchedulingAutoConfiguration.java
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* /opt/cola/permits/1136662030_1613850651.400/spring-boot-autoconfigure-2.1.4-release-sources-2.jar/org/springframework/boot/autowire/amqp/RabbitProperties.java
* /opt/cola/permits/1136662030_1613850651.400/spring-boot-autoconfigure-2.1.4-release-sources-2.jar/org/springframework/boot/autowire/web/servlet/WebMvcAutoConfiguration.java
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1.1558 jansi 1.16

1.1559 spring-security-core 3.1.4.RELEASE
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 */
Reviews the <code>Object</code> returned from a secure object invocation, being able to modify the <code>Object</code> or throw an [link AccessDeniedException].

Typically used to ensure the principal is permitted to access the domain object instance returned by a service layer bean. Can also be used to mutate the domain object instance so the principal is only able to access authorised bean properties or <code>Collection</code> elements.

Special consideration should be given to using an <code>AfterInvocationManager</code> on bean methods that modify a database. Typically an <code>AfterInvocationManager</code> is used with read-only methods, such as <code>public DomainObject getById(id)</code>. If used with methods that modify a database, a transaction manager should be used to ensure any <code>AccessDeniedException</code> will cause a rollback of the changes made by the transaction.

*/

@author Ben Alex

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* /opt/ws_local/PERMITS_SQL/1074377843_155816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/hierarchicalroles/RoleHierarchy.java
* /opt/ws_local/PERMITS_SQL/1074377843_155816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/hierarchicalroles/UserDetailsServiceWrapper.java
* /opt/ws_local/PERMITS_SQL/1074377843_155816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/hierarchicalroles/RoleHierarchyImpl.java
* /opt/ws_local/PERMITS_SQL/1074377843_155816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/vote/AbstractAccessDecisionManager.java
* /opt/ws_local/PERMITS_SQL/1074377843_155816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/SpringSecurityMessageSource.java
* /opt/ws_local/PERMITS_SQL/1074377843_155816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/AnonymousAuthenticationProvider.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/AccessDecisionVoter.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/jaas/AuthorityGranter.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/intercept/NullRunAsManager.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/annotation/Secured.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/context/SecurityContextImpl.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/intercept/RunAsManagerImpl.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/AuthorityServiceException.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/context/ThreadLocalSecurityContextHolderStrategy.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/access/SecurityConfig.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/core/context/ThreadLocalSecurityContextHolderStrategy.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/event/AuthenticationSuccessEvent.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/ProviderNotFoundException.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/ProviderManager.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/encoding/LdapShaPasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/encoding/LdapShaPasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1.jar/org/springframework/security/authentication/BadCredentialsException.java
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/**
 * @param authentication represents the user in question. Should not be null.
 * @param targetDomainObject the domain object for which permissions should be checked. May be null
 * in which case implementations should return false, as the null condition can be checked explicitly
 * in the expression.
 * @param permission a representation of the permission object as supplied by the expression system. Not null.
 * @return true if the permission is granted, false otherwise
 */

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  jar/org/springframework/security/authentication/encoding/Md4PasswordEncoder.java
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 * Base64 encoder which is a reduced version of Robert Harder's public domain implementation (version 2.3.7).
 * See &lt;a href="http://iharder.net/base64"&gt;http://iharder.net/base64&lt;/a&gt; for more information.
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 *
 * @author Luke Taylor
 * @since 3.0
 */

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* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/encrypt/CipherUtils.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/encrypt/AesBytesEncryptor.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/encrypt/TextEncryptor.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/util/EncodingUtils.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/keygen/SharedKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/keygen/SecureRandomBytesKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/keygen/BytesKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/keygen/StringKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/keygen/KeyGenerators.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/password/PasswordEncoder.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/password/Digester.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/keygen/SecureRandomBytesKeyGenerator.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/encrypt/HexEncodingTextEncryptor.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/encrypt/TextEncryptor.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/util/EncodingUtils.java
* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3.1.4-release-sources-1-jar/org/springframework/security/crypto/codec/Base64.java
*/
A token issued by [TokenService].

It is important that the keys assigned to tokens are sufficiently randomised and secured that they can serve as identifying a unique user session. Implementations of [TokenService] are free to use encryption or encoding strategies of their choice. It is strongly recommended that keys are of sufficient length to balance safety against persistence cost. In relation to persistence cost, it is strongly recommended that returned keys are small enough for encoding in a cookie.

@since 2.0.1

/*
 * Implementation of the MD4 message digest derived from the RSA Data Security, Inc, MD4 Message-Digest Algorithm.
 *
 * @author Alan Stewart
 */
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* /opt/ws_local/PERMITS_SQL/1074377843_1595816935.22/0/spring-security-core-3-1-4-release-sources-1-
jar/org/springframework/security/authentication/encoding/Md4.java

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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. The file `src/libs/snprintf/snprintf.c', written by Mark Martinec <mark.martinec@ijs.si>.

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csrc/preproc/grn/gprint.h
csrc/preproc/grn/hdb.cpp
csrc/preproc/grn/hgraph.cpp
csrc/preproc/grn/hpoint.cpp
csrc/preproc/grn/main.cpp

The `gxditview' output device. It is based on X11's `xditview' program and thus has the X license.

csrc/devices/xditview/DESC.in
csrc/devices/xditview/Dvi.c
csrc/devices/xditview/Dvi.h
csrc/devices/xditview/DviP.h
csrc/devices/xditview/FontMap
csrc/devices/xditview/GXditview.ad
csrc/devices/xditview/Menu.h
csrc/devices/xditview/ad2c
csrc/devices/xditview/device.c
csrc/devices/xditview/device.h
csrc/devices/xditview/draw.c
csrc/devices/xditview/font.c
csrc/devices/xditview/gray1.bm
csrc/devices/xditview/gray2.bm
csrc/devices/xditview/gray3.bm
csrc/devices/xditview/gray4.bm
csrc/devices/xditview/gray5.bm
csrc/devices/xditview/gray6.bm
csrc/devices/xditview/gray7.bm
csrc/devices/xditview/gray8.bm
csrc/devices/xditview/gxditview.man
csrc/devices/xditview/lex.c
csrc/devices/xditview/page.c
csrc/devices/xditview/parse.c
csrc/devices/xditview/xdit.bm
csrc/devices/xditview/xdit_mask.bm
csrc/devices/xditview/xditview.c

csrc/include/DviChar.h
csrc/include/XFontName.h

csrc/libs/libxutil/DviChar.c
csrc/libs/libxutil/XFontName.c
Macro Packages

------------

. The -mdoc macro set, using the BSD license.

  tmac/doc.tmac
  tmac/doc-old.tmac
  tmac/doc-common
  tmac/doc-ditroff
  tmac/doc-nroff
  tmac/doc-syms
  tmac/groff_mdoc.man

. The -me macro set, using the BSD license.

  tmac/e.tmac
  tmac/groff_me.man
  doc/meintro.me
  doc/meref.me

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. The file `tmac/hyphen.us' is identical to the file `hyphen.tex', part of
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  at

      ftp://labrea.stanford.edu/pub/tex/dist/lib/hyphen.tex

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* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/core/ConfirmationMethod.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/ext/saml2mdquery/ActionNamespace.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml2/core/StatusResponseType.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml2/core/SessionIndex.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml1/core/RequestAbstractType.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/metadata/RoleDescriptor.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/ext/saml2mdattr/package-info.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/ext/saml1md/SourceID.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml1/core/AssertionArtifact.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/ext/saml2mdquery/AttributeQueryDescriptorType.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml1/core/Status.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/common/assertion/ValidationContext.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/ext/saml2cb/package-info.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/common/binding/encoding/package-info.java
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* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml2/ecp/Request.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/common/xml/SAMLConstants.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml2/metadata/TelefonoNumber.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml2/metadata/Endpoint.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml2/saml2/AbstractSAMLObject.java

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* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/StatusMessage.java
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* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/metadata/AuthzService.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/EncryptedElementType.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/common/IsTimeboundSAMLObjectValidPredicate.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/metadata/criteria/entity/EvaluableEntityDescriptorCriterion.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/common/profile/AbstractNameIdentifierGenerator.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/common/SAMLException.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/common/messaging/context/navigate/SAMLMessageInfoContextIssueInstantFunction.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/Assertion.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/common/SAMLObjectSupport.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/ProxyRestriction.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/common/package-info.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/common/profile/logic/DefaultLocalErrorPredicate.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1(binding/decoding/package-info.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/core/Response.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2mdui/Logo.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1(binding/artifact/SAML1ArtifactType0002.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/SubjectConfirmation.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/metadata/Extensions.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/core/DoNotCacheCondition.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/extension/StatementValidator.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/Response.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2mdui/Logo.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1(binding/artifact/SAML1ArtifactType0002.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/SubjectConfirmation.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2metadata/Extensions.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/core/DoNotCacheCondition.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/extension/StatementValidator.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/Response.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/common/binding/artifact/AbstractSAMLArtifact.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/ext/saml2/metadata/SingleSignOnService.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/metadata/EntityDescriptor.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/core/NameIdentifier.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/profile/SAML1NameIdentifierGenerator.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/AuthnContextClassRef.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/Evidentiary.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/metadata/SingleSignOnService.java
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* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml2/core/KeyInfoConfirmationDataType.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml1/core/Attribute.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/ext/saml1md/package-info.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/EncryptedAssertion.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/core/SubjectLocality.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/profile/SAML1ObjectSupport.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/metadata/OrganizationURL.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/metadata/SingleLogoutService.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml1/profile/SAML1ObjectSupport.java
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/org/opensaml/saml/saml2/metadata/resolver/filter/FilterException.java
No license file was found, but licenses were detected in source scan.
SAML v2.0 Metadata Profile for Algorithm Support Version 1.0
Committee Specification 01
21 February 2011
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Source: http://docs.oasis

Found in path(s):
* /opt/cola/permits/1000740360_1646171532.16/0/opensaml-saml-api-3-3-0-sources-jar/schema/sssc-saml-
metadata-algsupport-v1.0.xsd

1.1572 libxdamage 1.1.4 4.1.el7
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* /opt/cola/permits/1265208239_1643886631.5/0/wildfly-elytron-util-1-11-2-final-sources-jar/org/wildfly/security/util/ArrayIterator.java
* /opt/cola/permits/1265208239_1643886631.5/0/wildfly-elytron-util-1-11-2-final-sources-jar/org/wildfly/security/util/AtomicFileOutputStream.java
* /opt/cola/permits/1265208239_1643886631.5/0/wildfly-elytron-util-1-11-2-final-sources-jar/org/wildfly/security/util/StringMapping.java
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jar/org/springframework/ldap/transaction/compensating/manager/ContextSourceAndDataSourceTransactionManager.java
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* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5.jar/org/springframework/ldap/core/support/BaseLdapPathAware.java
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* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5.jar/org/springframework/ldap/pool/DelegatingLdapContext.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5.jar/org/springframework/transaction/compensating/support/DefaultCompensatingTransactionOperationManager.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5.jar/org/springframework/ldap/schema/DefaultSchemaSpecification.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5.jar/org/springframework/ldap/transaction/compensating/support/DifferentSubtreeTempEntryRenamingStrategy.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5.jar/org/springframework/ldap/core/DefaultNameClassPairMapper.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5.jar/org/springframework/ldap/core/CollectingNameClassPairCallbackHandler.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5.jar/org/springframework/ldap/core/AttributeModificationsAware.java
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* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/ldap/core/support/SimpleDirContextAuthenticationStrategy.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/ldap/core/support/BaseLdapPathContextSource.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/ldap/core/ContextNotEmptyException.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/ldap/core/simple/ParameterizedContextMapper.java
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* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/ldap/transaction/compensating/LdapCompensatingTransactionOperationFactory.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/ldap/test/ContextSourceEc2InstanceLaunchingFactoryBean.java
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* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/ldap/core/ContextMapperCallbackHandler.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/ldap/ldif/InvalidAttributeFormatException.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/transaction/compensating/CompensatingTransactionOperationRecorder.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/transaction/compensating/TempEntryRenamingStrategy.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/transaction/compensating/UnbindOperationRecorder.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/transaction/compensating/LdapTransactionUtils.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/transaction/compensating/support/CompensatingTransactionUtils.java
* /opt/cola/permits/1147876728_1617157702.5/0/spring-ldap-1-3-1-release-sources-5-jar/org/springframework/transaction/compensating/manager/ContextSourceAndHibernateTransactionManager.java

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.
However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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<signature of Ty Coon>, 1 April 1990
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That's all there is to it!

-- END LGPLv2+ License ---

1.1608 slf4j-simple 1.7.12

1.1609 sed 4.2.2-7.el7
1.1609.1 Available under license:

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### 1.1613 auto-value 1.1

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*/
/**
* Constructs a new {@link ClassNode}. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the {@link ClassNode(int)}
* version.
* @throws IllegalStateException
*   If a subclass calls this constructor.
*/

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*/

/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[]) version.
 *
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>null</code> for none).
 *
 * @param access
 * the method's access flags (see @link Opcodes). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 *
 * @param name
 * the method's name.
 *
 * @param desc
 * the method's descriptor (see @link Type).
 *
 * @param signature
 * the method's signature. May be <tt>null</tt>.
 *
 * @param exceptions
 * the internal names of the method's exception classes (see
 * @link Type#getName() getInternalName()). May be
 * <tt>null</tt>.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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jar/org/glassfish/hk2/external/org/objectweb/asm/commons/JSRInlinerAdapter.java

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*/
/**
 * Constructs a new [ @link Textifier]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [ @link Textifier(int)]
 * version.
 * 
 * @throws IllegalStateException
 *    If a subclass calls this constructor.
 */

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* /opt/cola/permits/1148131007_1646350041.34/0/asm-all-repackaged-2-3-0-b10-sources-1-
jar/org/glassfish/hk2/external/org/objectweb/asm/util/Textifier.java
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 */
/**
 * Creates a new [@link AnalyzerAdapter]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)]
 * version.
 *
 * @param owner
 *            the owner's class name.
 * @param access
 *            the method's access flags (see [@link Opcodes]).
 * @param name
 *            the method's name.
 * @param desc
 *            the method's descriptor (see [@link Type Type]).
 * @param mv
 *            the method visitor to which this adapter delegates calls. May
 *            be <tt>null</tt>.
 * @throws IllegalStateException
 *            If a subclass calls this constructor.
 */

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/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see {@link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type Type}).
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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* /opt/cola/permits/1148131007_1646350041.34/0/asm-all-repackaged-2-3-0-b10-sources-1-jar/org/glassfish/hk2/external/org/objectweb/asm/Opcodes.java
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* /opt/cola/permits/1148131007_1646350041.34/0/asm-all-repackaged-2-3-0-b10-sources-1-jar/org/glassfish/hk2/external/org/objectweb/asm/Handler.java
* /opt/cola/permits/1148131007_1646350041.34/0/asm-all-repackaged-2-3-0-b10-sources-1-jar/org/glassfish/hk2/external/org/objectweb/asm/optimizer/JarOptimizer.java
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  jar/org/glassfish/hk2/external/org/objectweb/asm/xml/SAXClassAdapter.java
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* /opt/cola/permits/1148131007_1646350041.34/0/asm-all-repackaged-2-3-0-b10-sources-1-
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/**
 * Constructs a new [@link LocalVariableAnnotationNode]. <i>Subclasses must
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 * [@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)]
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See [@link TypeReference].
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 * the first instructions corresponding to the continuous ranges
 * that make the scope of this local variable (inclusive).
 * @param end
 * the last instructions corresponding to the continuous ranges
 * that make the scope of this local variable (exclusive). This
 * array must have the same size as the 'start' array.
 * @param index
 * the local variable's index in each range. This array must have
 * the same size as the 'start' array.
 * @param desc
 * the class descriptor of the annotation class.
 */

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* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/Base64DecoderBase.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/CharArrayBase64Decoder.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/StringBase64Decoder.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/NumberUtil.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/util/StreamWriterDelegate.java
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* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/typed/Base64Variants.java
* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/XMLStreamReader2.java
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* /opt/cola/permits/1129090477_1612176217.67/0/stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/AsciiValueEncoder.java

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The drop of the reduce method should only affect some test archives, reducing was never used in any publically distributed Zip program. For pathologic cases where support for reduced archive entries is needed, the unreduce code copyrighted by Samuel H. Smith is available as a separate distribution (the restricted copyright of this code is cited below in the "historical" section).

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 *
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"He says that he thought that whoever contacted him understood that he has no objection to the Info-ZIP group's inclusion of his code. His primary concern is that it remain freely distributable, he said."

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-----

The remaining code was written by many people associated with the
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Greg Roelofs (overall program logic, ZipInfo, unshrink, filename
mapping/portability, etc.), Mark Adler (inflate, explode, funzip),
Kai Uwe Rommel (OS/2), John Bush and Paul Kienitz (Amiga), Antoine
Verheijen (Macintosh), Hunter Goatley (more VMS), Mike White (Windows
DLLs), Christian Spieler (overall logic, optimization, VMS, etc.) and
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The decompression core code for the deflate method (inflate.[ch],
eexplode.c) was originally written by Mark Adler who submitted it
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1.1633 gnome-keyring 3.28.2 1.el7
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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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**1.1638 jinja2 2.11.3**

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Metadata-Version: 2.1
Name: Jinja2
Version: 2.11.3
Summary: A very fast and expressive template engine.
Home-page: https://palletsprojects.com/p/jinja/
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
Maintainer: Pallets
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License: BSD-3-Clause
Project-URL: Code, https://github.com/pallets/jinja
Description: Jinja

=====

Jinja is a fast, expressive, extensible templating engine. Special placeholders in the template allow writing code similar to Python syntax. Then the template is passed data to render the final document.

It includes:

- Template inheritance and inclusion.
- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.

Installing
----------

Install and update using `pip`:

.. code-block:: text

    $ pip install -U Jinja2


In A Nutshell
-------------

.. code-block:: jinja

    {% extends "base.html" %}
    {% block title %}Members{% endblock %}
    {% block content %}
    <ul>
    {% for user in users %}
    <li><a href="{{ user.url }}">{{ user.username }}</a></li>
    {% endfor %}
    </ul>
    {% endblock %}

Links
-----

- Website: https://palletsprojects.com/p/jinja/
- Documentation: https://jinja.palletsprojects.com/
- Releases: https://pypi.org/project/Jinja2/
import io
import re

from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("src/jinja2/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r'__version__ = "(.*?)"', f.read(), re.M).group(1)

setup(
    name="Jinja2",
    long_description=readme,
    version=version,
)
1.1639 log4j-api 2.11.2

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* $Id: LogicalExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/expr/LogicalExpr.java
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2006/06/03 20:28:45 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/06/03 20:28:45 $
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* $Id: SAXPathException.java,v 1.14 2006/06/03 20:28:45 elharo Exp $
*/

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*/
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/saxpath/SAXPathException.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/LangFunction.java,v 1.13 2006/02/05
21:47:41 elharo Exp $
* $Revision: 1.13 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: LangFunction.java,v 1.13 2006/02/05 21:47:41 elharo Exp $
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Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/function/LangFunction.java
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11:07:25 elharo Exp $
* $Revision: 1.13 $
* $Date: 2006/07/16 11:07:25 $
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$Id: FunctionCallException.java,v 1.13 2006/07/16 11:07:25 elharo Exp $

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources.jar/org/jaxen/FunctionCallException.java

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/NamedAccessNavigator.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/SelfAxisIterator.java,v 1.10 2007/05/02
14:33:29 elharo Exp $
* $Revision: 1.10 $
* $Date: 2007/05/02 14:33:29 $
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* $Id: SelfAxisIterator.java,v 1.10 2007/05/02 14:33:29 elharo Exp $
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Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/util/SelfAxisIterator.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/NameFunction.java,v 1.11 2006/02/05
21:47:41 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/02/05 21:47:41 $
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  */

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/NameFunction.java
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* $Id: Navigator.java,v 1.30 2006/06/03 20:07:19 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/NodeTest.java,v 1.6 2006/02/05
21:47:42 elharo Exp $
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* $Id: NodeTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
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jar/org/jaxen/pattern/AnyChildNodeTest.java
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/*
$Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/XPathFactory.java,v 1.13 2007/05/02
14:32:38 elharo Exp $
$Revision: 1.13 $
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* $Id: LocationPath.java,v 1.9 2006/11/08 17:02:21 elharo Exp $
* /

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/expr/LocationPath.java
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* $Revision: 1.23 $
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jar/org/jaxen/expr/PredicateSet.java
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* $Revision: 1.7 $
* $Date: 2006/06/03 20:50:12 $
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* $Id: UnresolvableException.java,v 1.7 2006/06/03 20:21:05 elharo Exp $
* />

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/UnresolvableException.java
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  21:47:40 elharo Exp $
* $Revision: 1.10 $
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* $Id: DefaultArithExpr.java,v 1.10 2006/02/05 21:47:40 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/DefaultArithExpr.java
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* $Id: IterableParentAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
* /

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/expr/iter/IterableParentAxis.java

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* $Id: SubstringAfterFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/function/SubstringAfterFunction.java
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jar/org/jaxen/expr/DefaultAllNodeStep.java
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* $Id: XPathLexer.java,v 1.17 2006/02/05 21:47:42 elharo Exp $
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* $Id: PatternParser.java,v 1.18 2006/02/05 21:47:42 elharo Exp $
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* $Id: IterableNamespaceAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp$
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* 
* $Id: RelationalExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
* */

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/expr/RelationalExpr.java
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elharo Exp $
* $Revision: 1.14 $
* $Date: 2007/05/02 14:27:46 $
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*
* $Id: Predicate.java,v 1.14 2007/05/02 14:27:46 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/Predicate.java
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* $Date: 2006/11/09 16:07:36 $
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*
* $Id: DefaultXPathFactory.java,v 1.17 2006/11/09 16:07:36 elharo Exp $
* /

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/DefaultXPathFactory.java
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  2006/11/30 18:49:27 elharo Exp $
* $Revision: 1.13 $
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* $Revision: 1.7 $
* $Date: 2006/11/08 19:06:30 $
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* $Id: UnaryExpr.java,v 1.7 2006/11/08 19:06:30 elharo Exp $
Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/UnaryExpr.java

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* $Id: DefaultTruthExpr.java,v 1.10 2006/02/05 21:47:40 elharo Exp $
*/

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  jar/org/jaxen/expr/DefaultTruthExpr.java
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* $Id: $ 
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/JaxenConstants.java
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/JaxenRuntimeException.java

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* $Id: LocaleFunctionSupport.java,v 1.10 2006/02/05 21:47:42 elharo Exp $

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/LocalNameFunction.java,v 1.14
2006/02/05 21:47:41 elharo Exp $
* $Revision: 1.14 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: NamespaceTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Id: CountFunction.java,v 1.14 2006/02/05 21:47:41 elharo Exp $
*/

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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/StringFunction.java,v 1.33 2006/02/05
  21:47:41 elharo Exp $
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 * $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/javabean/JavaBeanXPath.java,v 1.6 2006/06/03 20:36:00 elharo Exp $
 * $Revision: 1.6 $
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* $Id: JavaBeanXPath.java,v 1.6 2006/06/03 20:36:00 elharo Exp *
*/

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/javabean/JavaBeanXPath.java
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$Id: TextNodeTest.java,v 1.6 2006/02/05 21:47:42 elharo Exp $

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/ opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/pattern/TextNodeTest.java

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultOrExpr.java

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$Id: DefaultLiteralExpr.java,v 1.13 2007/01/03 20:47:42 elharo Exp $
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* $Id: NodeTypeTest.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
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* $Id: ProcessingInstructionNodeStep.java,v 1.5 2006/11/08 15:44:33 elharo Exp $
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/pattern/AnyNodeTest.java,v 1.8 2006/02/05
  21:47:42 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/DefaultEqualsExpr.java
No license file was found, but licenses were detected in source scan.

/*
  1.7 2006/06/03 20:47:22 elharo Exp $
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* $Date: 2006/06/03 20:47:22 $
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/opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/DescendantAxisIterator.java

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* $Id: IterableDescendantOrSelfAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
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* $Id: IterablePrecedingAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
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Found in path(s):
/opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/iter/IterablePrecedingAxis.java

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21:47:41 elharo Exp $
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* $Id: TrueFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $ */

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* $Id: UnionPattern.java,v 1.8 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/pattern/UnionPattern.java
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* $Id: SimpleNamespaceContext.java,v 1.18 2006/06/03 20:19:26 elharo Exp $
* /

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/SimpleNamespaceContext.java
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* $Id$
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/expr/NodeComparator.java

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* $Id: SimpleFunctionContext.java,v 1.14 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/XPathSyntaxException.java,v 1.12 2006/06/03
  20:26:36 elharo Exp $
* $Revision: 1.12 $
* $Date: 2006/06/03 20:26:36 $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/XPathSyntaxException.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/expr/AllNodeStep.java,v 1.6 2006/11/08
* 15:41:05 elharo Exp $
* $Revision: 1.6 $
* $Date: 2006/11/08 15:41:05 $
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*/

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jar/org/jaxen/expr/AllNodeStep.java
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* $Id: StringLengthFunction.java,v 1.12 2006/02/05 21:47:41 elharo Exp $ 
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  20:27:21 elharo Exp $
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$Id: DocumentFunction.java,v 1.6 2006/02/05 21:47:42 elharo Exp $

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* $Id: DOMXPath.java,v 1.10 2006/06/03 20:44:16 elharo Exp $
* /

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/dom/DOMXPath.java
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* $Id: UpperFunction.java,v 1.11 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/ext/UpperFunction.java

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/DefaultNotEqualsExpr.java
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$Id: IterableAttributeAxis.java,v 1.9 2006/06/03 20:50:12 elharo Exp $

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/function/FalseFunction.java
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/*
 * $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/PrecedingSiblingAxisIterator.java,v 1.16
 * 2006/11/13 22:10:09 elharo Exp $
 * $Revision: 1.16 $
 * $Date: 2006/11/13 22:10:09 $
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* *
* $Id: DefaultBinaryExpr.java,v 1.10 2007/01/05 18:25:43 elharo Exp $
* /

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/expr/DefaultBinaryExpr.java
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/ *
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/function/NotFunction.java,v 1.9 2006/02/05
* 21:47:41 elharo Exp $
* $Revision: 1.9 $
* $Date: 2006/02/05 21:47:41 $
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* $Id: NotFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/function/NotFunction.java
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  2006/02/05 21:47:42 elharo Exp $
* $Revision: 1.5 $
* $Date: 2006/02/05 21:47:42 $
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* $Id: SAXPathEventSource.java,v 1.5 2006/02/05 21:47:42 elharo Exp $
*/

Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/saxpath/SAXPathEventSource.java
No license file was found, but licenses were detected in source scan.

/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/FollowingAxisIterator.java,v 1.8
  2006/11/09 18:20:12 elharo Exp $
* $Revision: 1.8 $
* $Date: 2006/11/09 18:20:12 $
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* $Id: FollowingAxisIterator.java,v 1.8 2006/11/09 18:20:12 elharo Exp $
* /

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/util/FollowingAxisIterator.java
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
jar/org/jaxen/expr/Expr.java
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* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/saxpath/base/Token.java,v 1.5 2006/02/05
21:47:42 elharo Exp $
* $Revision: 1.5 $
* $SDate: 2006/02/05 21:47:42 $
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* $Id: NumberExpr.java,v 1.8 2006/11/08 17:17:32 elharo Exp $
*/

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/NumberExpr.java
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  1.7 2006/06/03 20:47:22 elharo Exp $
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* $Id: XPathExpr.java,v 1.9 2007/05/02 15:04:46 elharo Exp $
*/

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 * $Date: 2006/11/30 18:49:27 $
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* $Id: IterableSelfAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp$
* 
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/exp/iter/IterableSelfAxis.java
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* $Id: SubstringBeforeFunction.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
* jar/org/jaxen/function/SubstringBeforeFunction.java
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* $Id: ConcatFunction.java,v 1.9 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/function/ConcatFunction.java
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$Id: DefaultXPathHandler.java,v 1.7 2006/02/05 21:47:42 elharo Exp $

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$Id: DefaultNameStep.java,v 1.53 2007/04/17 01:26:35 bewins Exp $

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$Id: XPathSyntaxException.java,v 1.10 2006/06/03 20:29:30 elharo Exp $

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/opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources.jar/org/jaxen/function/SumFunction.java

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* $Date: 2006/06/03 20:19:54$
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/expr/DefaultNumberExpr.java
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 * 11:58:06 elharo Exp $
 * $Revision: 1.10 $
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$Id: NamespaceContext.java,v 1.10 2006/07/03 11:58:06 elharo Exp$

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* $Id: FunctionContext.java,v 1.10 2006/02/05 21:47:41 elharo Exp $
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jar/org/jaxen/expr/DefaultLessThanExpr.java
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* $Id: BooleanFunction.java,v 1.17 2006/02/05 21:47:41 elharo Exp $
* /

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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/function/BooleanFunction.java

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  2006/11/30 18:49:26 elharo Exp $
* $Revision: 1.16 $
* $Date: 2006/11/30 18:49:26 $
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* $Id: NameStep.java,v 1.5 2006/11/08 17:10:02 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/NameStep.java
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/*
* $Header: /home/projects/jaxen/scm/jaxen/src/java/main/org/jaxen/util/PrecedingAxisIterator.java,v 1.11
2006/11/13 22:10:09 elharo Exp $
* $Revision: 1.11 $
* $Date: 2006/11/13 22:10:09 $
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 * $Id: DefaultRelationalExpr.java,v 1.14 2006/02/05 21:47:40 elharo Exp $
Found in path(s):
* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/expr/DefaultRelationalExpr.java
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$Id: XPathHandler.java,v 1.9 2006/02/05 21:47:42 elharo Exp $

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/opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-jar/org/jaxen/saxpath/XPathHandler.java
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* $Id: LowerFunction.java,v 1.11 2006/02/05 21:47:42 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/function/ext/LowerFunction.java

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$Id: Context.java,v 1.20 2006/10/15 21:08:16 elharo Exp $
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  jar/org/jaxen/saxpath/helpers/XPathReaderFactory.java
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* $Id: IterableDescendantAxis.java,v 1.7 2006/06/03 20:47:22 elharo Exp $
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  jar/org/jaxen/expr/iter/IterableDescendantAxis.java
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* $Id: DescendantOrSelfAxisIterator.java,v 1.11 2006/11/09 18:20:12 elharo Exp $
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* /opt/cola/permits/1018361815_1612221797.15/0/jaxen-1-1-1-patched-shani-1-4-17-sources-
  jar/org/jaxen/util/DescendantOrSelfAxisIterator.java
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* $Id: MultiplicativeExpr.java,v 1.6 2006/11/09 16:21:05 elharo Exp $
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* $Id: StartsWithFunction.java,v 1.11 2006/02/05 21:47:41 elharo Exp $
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* /opt/cola/permits/1265208111_1643915557.0/0/wildfly-elytron-auth-util-1-11-2-final-sources-jar/org/wildfly/security/auth/util/MutableNameRewriter.java

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1.1649 libcap-ng 0.7.5 4.el7

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That's all there is to it!
*uganda.txt* For Vim version 8.1. Last change: 2018 May 17

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*uganda* *Uganda* *copying* *copyright* *license*
SUMMARY
*iccf* *ICCF*

Vim is Charityware. You can use and copy it as much as you like, but you are 
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below or visit the ICCF web site, available at these URLs:

http://iccf-holland.org/
http://www.vim.org/iccf/
http://www.iccf.nl/

You can also sponsor the development of Vim. Vim sponsors can vote for 
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- If you want to support further Vim development consider becoming a [sponsor]. The money goes to Uganda anyway.

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==============================================================================
Kibaale Children's Centre		*kcc* *Kibaale* *charity*

Kibaale Children's Centre (KCC) is located in Kibaale, a small town in the south of Uganda, near Tanzania, in East Africa. The area is known as Rakai District. The population is mostly farmers. Although people are poor, there is enough food. But this district is suffering from AIDS more than any other
part of the world. Some say that it started there. Estimations are that 10 to 30% of the Ugandans are infected with HIV. Because parents die, there are many orphans. In this district about 60,000 children have lost one or both parents, out of a population of 350,000. And this is still continuing.

The children need a lot of help. The KCC is working hard to provide the needy with food, medical care and education. Food and medical care to keep them healthy now, and education so that they can take care of themselves in the future. KCC works on a Christian base, but help is given to children of any religion.

The key to solving the problems in this area is education. This has been neglected in the past years with president Idi Amin and the following civil wars. Now that the government is stable again, the children and parents have to learn how to take care of themselves and how to avoid infections. There is also help for people who are ill and hungry, but the primary goal is to prevent people from getting ill and to teach them how to grow healthy food.

Most of the orphans are living in an extended family. An uncle or older sister is taking care of them. Because these families are big and the income (if any) is low, a child is lucky if it gets healthy food. Clothes, medical care and schooling is beyond its reach. To help these needy children, a sponsorship program was put into place. A child can be financially adopted. For a few dollars a month KCC sees to it that the child gets indispensable items, is healthy, goes to school and KCC takes care of anything else that needs to be done for the child and the family that supports it.

Besides helping the child directly, the environment where the child grows up needs to be improved. KCC helps schools to improve their teaching methods. There is a demonstration school at the centre and teacher trainings are given. Health workers are being trained, hygiene education is carried out and households are stimulated to build a proper latrine. I helped setting up a production site for cement slabs. These are used to build a good latrine. They are sold below cost price.

There is a small clinic at the project, which provides children and their family with medical help. When needed, transport to a hospital is offered. Immunization programs are carried out and help is provided when an epidemic is breaking out (measles and cholera have been a problem).

Summer 1994 to summer 1995 I spent a whole year at the centre, working as a volunteer. I have helped to expand the centre and worked in the area of water and sanitation. I learned that the help that the KCC provides really helps. When I came back to Holland, I wanted to continue supporting KCC. To do this I'm raising funds and organizing the sponsorship program. Please consider one of these possibilities:

1. Sponsor a child in primary school: 17 euro a month (or more).
2. Sponsor a child in secondary school: 25 euro a month (or more).
3. Sponsor the clinic: Any amount a month or quarter
4. A one-time donation

Compared with other organizations that do child sponsorship the amounts are very low. This is because the money goes directly to the centre. Less than 5% is used for administration. This is possible because this is a small organization that works with volunteers. If you would like to sponsor a child, you should have the intention to do this for at least one year.

How do you know that the money will be spent right? First of all you have my personal guarantee as the author of Vim. I trust the people that are working at the centre, I know them personally. Furthermore, the centre has been co-sponsored and inspected by World Vision, Save the Children Fund and is now under the supervision of Pacific Academy Outreach Society. The centre is visited about once a year to check the progress (at our own cost). I have visited the centre myself many times, starting in 1993. The visit reports are on the ICCF web site.

If you have any further questions, send me e-mail: <Bram@vim.org>.

The address of the centre is:
Kibaale Children's Centre
p.o. box 1658
Masaka, Uganda, East Africa

Sending money:*iccf-donations*

Check the ICCF web site for the latest information! See [iccf] for the URL.

USA:The methods mentioned below can be used.
Sending a check to the Nehemiah Group Outreach Society (NGOS) is no longer possible, unfortunately. We are looking for another way to get you an IRS tax receipt.
For sponsoring a child contact KCF in Canada (see below). US checks can be sent to them to lower banking costs.

Canada:Contact Kibaale Children's Fund (KCF) in Surrey, Canada. They take care of the Canadian sponsors for the children in Kibaale. KCF forwards 100% of the money to the project in Uganda. You can send them a one time donation directly.
Please send me a note so that I know what has been donated because of Vim. Ask KCF for information about sponsorship.
Kibaale Children's Fund c/o Pacific Academy
10238-168 Street
Surrey, B.C. V4N 1Z4
Canada
If you make a donation to Kibaale Children's Fund (KCF) you will receive a tax receipt which can be submitted with your tax return.

Holland: Transfer to the account of "Stichting ICCF Holland" in Lisse. This will allow for tax deduction if you live in Holland.
Postbank, nr. 4548774
IBAN: NL95 INGB 0004 5487 74

Germany: It is possible to make donations that allow for a tax return. Check the ICCF web site for the latest information: http://iccf-holland.org/germany.html

World: Use a postal money order. That should be possible from any country, mostly from the post office. Use this name (which is in my passport): "Abraham Moolenaar". Use Euro for the currency if possible.

Europe: Use a bank transfer if possible. Your bank should have a form that you can use for this. See "Others" below for the swift code and IBAN number.
Any other method should work. Ask for information about sponsorship.

Credit Card: You can use PayPal to send money with a Credit card. This is the most widely used Internet based payment system. It's really simple to use. Use this link to find more info:
The e-mail address for sending the money to is: Bram@iccf-holland.org
For amounts above 400 Euro ($500) sending a check is preferred.

Others: Transfer to one of these accounts if possible:
Postbank, account 4548774
Swift code: INGB NL 2A
IBAN: NL95 INGB 0004 5487 74
under the name "stichting ICCF Holland", Lisse
If that doesn't work:
Rabobank Lisse, account 3765.05.117
Swift code: RABO NL 2U
under the name "Bram Moolenaar", Lisse
Otherwise, send a check in euro or US dollars to the address below. Minimal amount: $70 (my bank does not accept smaller amounts for foreign check, sorry)

Address to send checks to:
This address is expected to be valid for a long time.

vim:tw=78:ts=8:noet:ft=help:norl:
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Version 2, June 1991

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# http://stackoverflow.com/a/17646775/1821055

/* crc32c.c -- compute CRC-32C using the Intel crc32 instruction
 * Copyright (C) 2013 Mark Adler
 * Version 1.1 1 Aug 2013 Mark Adler
 */

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Mark Adler
madler@alumni.caltech.edu
*/

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-----------------------------------------------
src/xxhash.[ch] src/lz4*.ch: git@github.com:lz4/lz4.git e2827775ee80d2ef985858727575df31fc60f1f3

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1.1679 fdisk 2.23.2
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Initialize empty image
f1c9645db41f4e7dc7d8a32265f26eb bsd.img
Create new DOS partition table
57e721e38d1266c2df055067c18f2c2f bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optional): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start  End  Blocks  Id  System
-----------------

Create 1st primary partition
ada64ace122978d00d1d1c0e5ee45d26 bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux

Create 2st primary partition
1beb87248e05d66e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8df51a88a045db233418dd73f6e bsd.img

---layout----------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

Device Boot Start End Blocks Id System
__ts_dev__1 2048 4095 1024 83 Linux
__ts_dev__2 4096 20479 8192 a5 FreeBSD

Create default BSD
2e1cee529cb59a9341afef0443f196a1 bsd.img

---layout----------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
# start end size fstype [fsizet bsizet cpg]
c: 4096 20479 16384 unused 0 0
d: 0 16064 16065 unused 0 0

BSD disklabel command (m for help):
Command (m for help):

-------------------
---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:

<table>
<thead>
<tr>
<th>#</th>
<th>start</th>
<th>end</th>
<th>size</th>
<th>fstype</th>
<th>[fsize bsize cpg]</th>
</tr>
</thead>
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<td>4096</td>
<td>6144</td>
<td>2049</td>
<td>4.2BSD</td>
<td>0 0 0</td>
</tr>
<tr>
<td>c</td>
<td>4096</td>
<td>20479</td>
<td>16384</td>
<td>unused</td>
<td>0 0</td>
</tr>
<tr>
<td>d</td>
<td>0</td>
<td>16064</td>
<td>16065</td>
<td>unused</td>
<td>0 0</td>
</tr>
</tbody>
</table>

BSD disklabel command (m for help):
Command (m for help):

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):

0 unused 5 4.1BSD 9 4.4LFS d boot
1 swap 6 Eighth Edition a unknown e ADOS
2 Version 6 7 4.2BSD b HPFS f HFS
3 Version 7 8 MS-DOS c ISO-9660 10 AdvFS
4 System V

---layout--------

1.1680 ding-libs 0.1.5-32.el7

1.1680.1 Available under license:

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Version 3, 29 June 2007

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Found in path(s):

* /opt/cola/permits/115342115_1646171445.14/0/jbcrypt-0-4-sources-5-jar/org/mindrot/jbcrypt/BCrypt.java

**1.1682 policycoreutils 2.5 34.el7**

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  jar/org/apache/commons/net/smtp/SMTPCommand.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/ftp/parser/VMSFTPEntryParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/ftp/FTPFileEntryParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/ftp/SMTPClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/telnet/TelnetOption.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/ftp/FTPFileIterator.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/ftp/UnixFTPEntryParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
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* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/ProtocolCommandEvent.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/tftp/TFTP.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/ftp/TFTPWriteRequestPacket.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
  jar/org/apache/commons/net/io/SocketInputStream.java
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* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/pop3/POP3Reply.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPFileListParserImpl.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPFileList.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/DefaultFTPFileListParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/parser/VMSVersioningFTPEntryParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPFileListParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPFileListParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/DefaultFTPFileListParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/io/FromNetASCIIOutputStream.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/io/CopyStreamEvent.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/io/SocketClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/WhoisClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/DaytimeTCPClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPParserException.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPRequestPacket.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/io/FromNetASCIIOutputStream.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/io/CopyStreamEvent.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/io/SocketClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/WhoisClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/DaytimeTCPClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPParserException.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPRequestPacket.java
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* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/DefaultFTPFileListParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPFileListParser.java
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* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/DefaultFTPFileListParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPFileListParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/DefaultFTPFileListParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/nntp/NewGroupsOrNewsQuery.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/telnet/TelnetOutputStream.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/tftp/TFTPClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/io/DotTerminatedMessageReader.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/TimeUDPClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/io/CopyStreamListener.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/Util.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/nntp/Threadable.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/ftp/FTPCommand.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/io/DiscardTCPClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/ftp/TFTPPacket.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/ftp/FTP.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/ftp/FTPClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-jar/org/apache/commons/net/pop3/POP3MessageInfo.java
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* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/bsd/RLoginClient.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/parser/EnterpriseUnixFTPEntryParser.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPConnectionClosedException.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/ftp/FTPReply.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/io/ToNetASCIIInputStream.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/telnet/RelayPath.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/util/ListenerList.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/telnet/NNTPEndPoint.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/telnet/TimeInfo.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1.jar/org/apache/commons/net/telnet/EchoUDPClient.java
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/***
 * List all new newsgroups added to the NNTP server since a particular
 * date subject to the conditions of the specified query. If no new
 * newsgroups were added, a zero length array will be returned. If the
 * command fails, null will be returned.
 * <p>
 * @param query  The query restricting how to search for new newsgroups.
 * @return An array of NewsgroupInfo instances containing the information
 *         for each new newsgroup added to the NNTP server. If no newsgroups
 *         were added, a zero length array will be returned. If the command
 *         fails, null will be returned.
 * @exception NNTPConnectionClosedException
 *           If the NNTP server prematurely closes the connection as a result
 *           of the client being idle or some other reason causing the server
 *           to send NNTP reply code 400. This exception may be caught either
 *           as an IOException or independently as itself.
 * @exception IOException  If an I/O error occurs while either sending a
 *                         command to the server or receiving a reply from the server.
 **/
Found in path(s):
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jar/org/apache/commons/net/nntp/NNTPClient.java

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jar/org/apache/commons/net/ftp/FTPListParseEngine.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
jar/org/apache/commons/net/ftp/parser/ParserInitializationException.java
* /opt/cola/permits/1136474281_1613772384.01/0/commons-net-1-4-1-sources-1-
jar/org/apache/commons/net/ftp/parser/CompositeFileEntryParser.java

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

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c-a-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
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History
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  jar/io/netty/handler/codec/http2/Http2UnknownFrame.java
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  jar/io/netty/handler/codec/http2/Http2FrameCodec.java
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  jar/io/netty/handler/codec/http2/DefaultHttp2HeadersFrame.java
* /opt/cola/permits/1110676728_1606843273.36/0/netty-codec-http2-4-1-32-final-sources-1-
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* /opt/cola/permits/1136220825_1613710197.6/0/spring-core-5-1-8-release-sources-2-jar/org/springframework/core/MethodParameter.java
* /opt/cola/permits/1136220825_1613710197.6/0/spring-core-5-1-8-release-sources-2-jar/org/springframework/core/env/ConfigurableEnvironment.java
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* /opt/cola/permits/1136220825_1613710197.6/0/spring-core-5-1-8-release-sources-2-jar/org/springframework/core/env/AbstractPropertyResolver.java
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* /opt/cola/permits/1136220825_1613710197.6/0/spring-core-5-1-8-release-sources-2-jar/org/springframework/core/env/MutablePropertySources.java
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* /opt/cola/permits/113620825_1613710197.6/0/spring-core-5-1-8-release-sources-2.jar/org/springframework/core/SmartClassLoader.java
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* /opt/cola/permits/113620825_1613710197.6/0/spring-core-5-1-8-release-sources-2.jar/org/springframework/core/style/DefaultValueStyler.java
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1.1715 httpcomponents-client 4.5.10

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* /opt/cola/permits/1141988950_1615255629.89/0/spring-boot-2-2-2-release-sources-2-jar/org/springframework/boot/context/properties/source/InvalidConfigurationPropertyNameException.java
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/**
 * A {@link WebApplicationContext} that can be used to bootstrap itself from a contained
 * {@link ServletWebServerFactory} bean.
 */

<p>
This context will create, initialize and run an {@link WebServer} by searching for a
single {@link ServletWebServerFactory} bean within the {@link ApplicationContext}
itself. The {@link ServletWebServerFactory} is free to use standard Spring concepts
(such as dependency injection, lifecycle callbacks and property placeholder variables).

<p>
In addition, any {@link Servlet} or {@link Filter} beans defined in the context will be
automatically registered with the web server. In the case of a single Servlet bean, the
'/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').

<p>
For more advanced configuration, the context can instead define beans that implement
the {@link ServletContextInitializer} interface (most often
{@link ServletRegistrationBean}s and/or {@link FilterRegistrationBean}s). To prevent
double registration, the use of {@link ServletContextInitializer} beans will disable
automatic Servlet and Filter bean registration.

<p>
Although this context can be used directly, most developers should consider using the
{@link AnnotationConfigServletWebServerApplicationContext} or
* {@link XmlServletWebServerApplicationContext} variants.
* @author Phillip Webb
* @author Dave Syer
* @since 2.0.0
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

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* /opt/cola/permissions/1257218116_1642790294.820/xercesimpl-2-12-0-sources-
* jar/org/w3c/dom/html/HTMLDOMImplementation.java
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*/

/**
* Checks if this content model has had its min/maxOccurs values reduced for
* purposes of speeding up UPA. If so, this content model should not be used
* for any purpose other than checking unique particle attribution
* @return a boolean that says whether this content has been compacted for UPA
*/

Found in path(s):
* /opt/cola/permissions/1257218116_1642790294.820/xercesimpl-2-12-0-sources-
* jar/org/apache/xerces/impl/xs/models/XSCMValidator.java
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*/
/**
* DOM Level 3 LS CR - Experimental.
* Create a new <code>LSParser</code>. The newly constructed parser may
* then be configured by means of its <code>DOMConfiguration</code>
* object, and used to parse documents by means of its <code>parse</code>
* method.
* @param mode  The <code>mode</code> argument is either
*   <code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>, if
*   <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
*   <code>LSParser</code> that is created will operate in synchronous
*   mode, if it's <code>MODE_ASYNCHRONOUS</code> then the
*   <code>LSParser</code> that is created will operate in asynchronous
*   mode.
* @param schemaType  An absolute URI representing the type of the schema
*   language used during the load of a <code>Document</code> using the
*   newly created <code>LSParser</code>. Note that no lexical checking
*   is done on the absolute URI. In order to create a
*   <code>LSParser</code> for any kind of schema types (i.e. the
*   LSParser will be free to use any schema found), use the value
*   <code>null</code>.
* @return  The newly created <code>LSParser</code> object. This
*   <code>LSParser</code> is either synchronous or asynchronous
*   depending on the value of the <code>mode</code> argument.
*   applications must use the value
*   <code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD [<a href='http://www.w3.org/TR/2000/REC-xml-20001006'/>XML 1.0</a>],
*   applications must use the value
*   <code>"http://www.w3.org/TR/REC-xmldtd-20001006">XML 1.0</a>],
*   Other Schema languages
*   are outside the scope of the W3C and therefore should recommend an
*   absolute URI in order to use this method.
* @return  The newly created <code>LSParser</code> object. This
* <code>LSParser</code> is either synchronous or asynchronous
* depending on the value of the <code>mode</code> argument.
* <p>Note: By default, the newly created <code>LSParser</code>
* does not contain a <code>DOMErrorHandler</code>, i.e. the value of
* the "<a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler'>error-handler</a>" configuration parameter is <code>null</code>. However, implementations
* may provide a default error handler at creation time. In that case,
* the initial value of the `<code>`"error-handler"</code>` configuration
* parameter on the new created `<code>`LSParse</code>` contains a
* reference to the default error handler.
* @exception DOMException
* NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
* not supported.
*/

Found in path(s):
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
jar/org/apache/xerces/dom/CoreDOMImplementationImpl.java
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jar/org/apache/xerces/dom/DOMImplementationListImpl.java
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*/
/**
  * used to check the 3 constraints against each complex type
  * (should be each model group):
  * Unique Particle Attribution, Particle Derivation (Restriction),
  * Element Declarations Consistent.
*/

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  jar/org/apache/xerces/impl/xs/XSConstraints.java

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  jar/org/apache/xerces/impl/xs/traversers/XSDocumentInfo.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/xs/traversers/XSDElementTraverser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/xni/parser/XMLErrorHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/html/dom/HTMLFrameElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/util/XMLEntityDescriptionImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/util/ShadowedSymbolTable.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/xs/util/ObjectListImpl.java
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jar/org/apache/wml/dom/WMLSmallElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/jaxp/DocumentBuilderImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/dv/DatatypeValidator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/html/dom/HTMLTextAreaElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/dv/regex/Token.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom/DeferredNode.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xml/serialize/XML11Serializer.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/xs/traversers/XSDAttributeGroupTraverser.java
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  jar/org/apache/xerces/impl/dv/HexBinaryDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/wml/WMLGoElement.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/xs/util/SimpleLocator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/dom/SecuritySupport.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/html/dom/HTMLFormElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/html/dom/HTMLCollectionImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/xpath/XPath.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/html/dom/HTMLMenuElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/html/dom/HTMLDocumentFragmentHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/wml/WMLElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/impl/xpath/XPath.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/html/dom/HTMLMenuElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/html/dom/HTMLCollectionImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-
  jar/org/apache/xerces/xni/XMLDocumentFragmentHandler.java
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jar/org/apache/xerces/impl/dv/dtd/XML11IDDatatypeValidator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSElementDeclaration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSAnnotationImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/XPathException.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/stax/events/EntityDeclarationImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/AbstractSAXParser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLBigElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/XMLLocator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSTypeDefinition.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/XSQName.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/html/dom/NodeIteratorImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/BMPattern.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DTDConfiguration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/SimpleXMLSchema.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/ItemPSVI.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/opti/NamedNodeMapImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/html/dom/HTMLObjectElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/YearMonthDurationDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/datatypes/YearMonthDurationDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/html/dom/HTMLBuilder.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/WeakReferenceXMLSchema.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/BMPattern.java
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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/org/apache/html/dom/HTMLParamElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/impl/dv/dtd/XML11DTDDVFactoryImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/impl/xpath/regex/ParseException.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/impl/xs/traversers/XSDNotationTraverser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/xni/grammars/XMLSchemaDescription.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/jaxp/validation/DOMResultBuilder.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/wml/dom/WMLAnchorElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/html/dom/HTMLModElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/wml/dom/WMLDocumentImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/dom/DeferredElementNSImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/dom/HTMLTableCaptionElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/xml/impl/XMLEntityHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/xni/parsers/StandardParserConfiguration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/xml/impl/xmls/XSAILCM.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/xml/impl/xs/opti/AttrImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/wml/dom/WMLDoElementImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/xml/impl/xpath/regex/RangeToken.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/xerces/parsers/DOMASBuilderImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources.jar/apache/html/dom/NameNodeListImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDOMImplementationImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XIncludeAwareParserConfiguration.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLGrammarParser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11IDREFDatatypeValidator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLConfigurationException.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/AbstractDateTimeDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLConfigurationException.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/AttributesProxy.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/ValidatorImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLGrammarParser.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/SchemaNamespaceSupport.java

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* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/YearDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DateTimeDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/DurationDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDayDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/TimeDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/xs/YearMonthDV.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSModelGroupImpl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSSimpleTypeDecl.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XSDHandler.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/XMLSchemaValidator.java
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/msg/XMLSchemaMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/DOMMessages.properties

jar/org/apache/xerces/impl/msg/XPointerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/DatatypeMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message_fr.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/SAXMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XIncludeMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XMLMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/XMLSerializerMessages.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/message_ja.properties
* /opt/cola/permits/1257218116_1642790294.82/0/xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/msg/JAXPValidationMessages.properties

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  jar/org/apache/webdav/lib/methods/CheckoutMethod.java
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 * $Header: /home/cvs/jakarta-slide/webdavclient/clientlib/src/java/org/apache/webdav/lib/WebdavResources.java,v
  1.5 2004/07/28 09:31:38 ib Exp $
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/*
 * $Header: /home/cvs/jakarta-slide/webdavclient/clientlib/src/java/org/apache/webdav/lib/PropertyName.java,v 1.4 2004/08/02 15:45:49 unico Exp $ 
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jar/org/apache/webdav/lib/PropertyName.java
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/*
 * $Header: /home/cvs/jakarta-
slide/webdavclient/clientlib/src/java/org/apache/webdav/lib/properties/LockEntryProperty.java,v 1.3 2004/07/28
09:30:35 ib Exp $
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* $Header: /home/cvs/jakarta-
  slide/webdavclient/clientlib/src/java/org/apache/webdav/lib/properties/PropertyFactory.java,v 1.1.2.2 2004/10/08
  15:04:36 luetzkendorf Exp $ *
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  slide/webdavclient/clientlib/src/java/org/apache/webdav/lib/properties/GetContentLengthProperty.java,v 1.3.2.1
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* slide/webdavclient/clientlib/src/java/org/apache/webdav/lib/properties/CreationDateProperty.java,v 1.1.2.1
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Found in path(s):
* /opt/cola/permits/1001477563_1646171667.69/0/slide-webdavlib-2-1-sources-jar/org/apache/webdav/lib/methods/MkWorkspaceMethod.java
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* /opt/cola/permits/1001477563_1646171667.69/0/slide-webdavlib-2-1-sources-jar/org/apache/webdav/lib/properties/HrefValuedProperty.java
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* /opt/cola/permits/1001477563_1646171667.69/0/slide-webdavlib-2-1-sources-jar/org/apache/webdav/lib/Ace.java
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* /opt/cola/permits/1001477563_1646171667.69/0/slide-webdavlib-2-1-sources-jar/org/apache/webdav/lib/util/QName.java
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  jar/org/apache/webdav/lib/util/QName.java
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/*
 * $Header: /home/cvs/jakarta-slide/webdavclient/clientlib/src/java/org/apache/webdav/lib/Property.java,v 1.3
 * 2004/07/28 09:31:39 ib Exp $
 * $Revision: 1.3 $
 * $Date: 2004/07/28 09:31:39 $
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* /opt/cola/permits/1001477563_1646171667.69/0/slide-webdavlib-2-1-sources-
  jar/org/apache/webdav/lib/Property.java
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* /opt/cola/permits/1001477563_1646171667.69/0/slide-webdavlib-2-1-sources-jar/org/apache/webdav/lib/methods/OptionsMethod.java

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* /opt/cola/permits/1001477563_1646171667.69/0/slide-webdavlib-2-1-sources-jar/org/apache/webdav/lib/methods/RebindMethod.java
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/*
 * $Header: /home/cvs/jakarta-slide/webdavclient/clientlib/src/java/org/apache/webdav/lib/WebdavResource.java,v
1.29.2.3 2004/11/30 07:05:54 masonjm Exp $
 * $Revision: 1.29.2.3 $
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* $Header: /home/cvs/jakarta-
slide/webdavclient/clientlib/src/java/org/apache/webdav/lib/methods/MoveMethod.java,v 1.6 2004/07/28 09:30:40
  ib Exp $ 
* $Revision: 1.6 $
* $Date: 2004/07/28 09:30:40 $
* 
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* 
*/

Found in path(s):
* /opt/cola/permits/1001477563_1646171667.69/0/slide-webdavlib-2-1-sources-
  jar/org/apache/webdav/lib/methods/MoveMethod.java

1.1721 jackson-datatype-jsr310 2.9.9

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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1.1725 wildfly-domain-management

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1.1729 zope-interface 4.6.0

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1.1731 gnome-shell 3.28.3-34.el7_9

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* /opt/cola/permits/1177939656_1625570693.96/0/springfox-schema-2-9-2-sources-3-jar/springfox/documentation/schema/property/ObjectMapperBeanPropertyNamingStrategy.java
* /opt/cola/permits/1177939656_1625570693.96/0/springfox-schema-2-9-2-sources-3-jar/springfox/documentation/schema/ModelNameContext.java
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* /opt/cola/permits/1177939656_1625570693.96/0/springfox-schema-2-9-2-sources-3-jar/springfox/documentation/schema/DefaultModelDependencyProvider.java
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* /opt/cola/permits/1177939656_1625570693.96/0/springfox-schema-2-9-2-sources-3-jar/springfox/documentation/schema/DefaultTypeNameProvider.java
* /opt/cola/permits/1177939656_1625570693.96/0/springfox-schema-2-9-2-sources-3-jar/springfox/documentation/schema/Maps.java

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* /opt/cola/permits/1177939656_1625570693.96/0/springfox-schema-2-9-2-sources-3-jar/springfox/documentation/schema/JaxbPresentInClassPathCondition.java
1.1735 pam 1.1.8 23.el7

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1.1741 desktop-file-utils 0.23 2.el7

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5.10.3.Final

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1.1744 restat-integration 5.9.0.Final

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1.1747 jackson-dataformat-cbor 2.10.1

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  */opt/cola/permits/1148131118_1646350061.62/0/spring-beans-4-0-2-release-sources-2-
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* /opt/cola/permits/1148131118_1646350061.62/0/spring-beans-4-0-2-release-sources-2-
  jar/org/springframework/beans/propertyeditors/CharArrayPropertyEditor.java
* /opt/cola/permits/1148131118_1646350061.62/0/spring-beans-4-0-2-release-sources-2-
  jar/org/springframework/beans/factory/NamedBean.java
* /opt/cola/permits/1148131118_1646350061.62/0/spring-beans-4-0-2-release-sources-2-
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  jar/org/springframework/beans/factory/annotation/Qualifier.java
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  jar/org/springframework/beans/factory/config/BeanDefinitionVisitor.java
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  jar/org/springframework/beans/factory/xml/BeanDefinitionParser.java
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* /opt/cola/permits/1148131118_1646350061.62/0/spring-beans-4-0-2-release-sources-2-jar/org/springframework/beans/BeanWrapperImpl.java
* /opt/cola/permits/1148131118_1646350061.62/0/spring-beans-4-0-2-release-sources-2-jar/org/springframework/beans/factory/support/CglibSubclassingInstantiationStrategy.java
* /opt/cola/permits/1148131118_1646350061.62/0/spring-beans-4-0-2-release-sources-2-jar/org/springframework/beans/factory/support/LookupOverride.java
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ASN.1 library for Python

----------------------------------
[![PyPI](https://img.shields.io/pypi/v/pyasn1.svg?maxAge=2592000)](https://pypi.python.org/pypi/pyasn1)
[![Python Versions](https://img.shields.io/pypi/pyversions/pyasn1.svg)](https://pypi.python.org/pypi/pyasn1)
This is a free and open source implementation of ASN.1 types and codecs as a Python package. It has been first written to support particular protocol (SNMP) but then generalized to be suitable for a wide range of protocols based on [ASN.1 specification](https://www.itu.int/rec/dologin_pub.asp?lang=e&id=T-REC-X.208-198811-W!!PDF-E&type=items).

Features
--------

* Generic implementation of ASN.1 types (X.208)
* Standards compliant BER/CER/DER codecs
* Dumps/loads ASN.1 structures from Python types
* 100% Python, works with Python 2.4 up to Python 3.6
* MT-safe
* Contributed ASN.1 compiler [Asn1ate](https://github.com/kimgr/asn1ate)

Why using pyasn1
----------------

ASN.1 solves the data serialisation problem. This solution was designed long ago by the wise Ancients. Back then, they did not have the luxury of wasting bits. That is why ASN.1 is designed to serialise data structures of unbounded complexity into something compact and efficient when it comes to processing the data.

That probably explains why many network protocols and file formats still rely on the 30+ years old technology. Including a number of high-profile Internet protocols and file formats.

Quite a number of books cover the topic of ASN.1. [Communication between heterogeneous systems](http://www.oss.com/asn1/dubuisson.html) by Olivier Dubuisson is one of those high quality books freely available on the Internet.

The pyasn1 package is designed to help Python programmers tackling network protocols and file formats at the comfort of their Python prompt. The tool struggles to capture all aspects of a rather complicated ASN.1 system and to represent it on the Python terms.

How to use pyasn1
-----------------

---

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With pyasn1 you can build Python objects from ASN.1 data structures.
For example, the following ASN.1 data structure:

```bash
Record ::= SEQUENCE {
  id        INTEGER,
  room  [0] INTEGER OPTIONAL,
  house [1] INTEGER DEFAULT 0
}
```

Could be expressed in pyasn1 like this:

```python
class Record(Sequence):
  componentType = NamedTypes(
    NamedType('id', Integer()),
    OptionalNamedType(
      'room', Integer().subtype(implicitTag=Tag(tagClassContext, tagFormatSimple, 0))
    ),
    DefaultedNamedType(
      'house', Integer(0).subtype(implicitTag=Tag(tagClassContext, tagFormatSimple, 1))
    )
  )
```

It is in the spirit of ASN.1 to take abstract data description and turn it into a programming language specific form. Once you have your ASN.1 data structure expressed in Python, you can use it along the lines of similar Python type (e.g. ASN.1 `SET` is similar to Python `dict`, `SET OF` to `list`):

```python
>>> record = Record()
>>> record['id'] = 123
>>> record['room'] = 321
>>> str(record)
Record:
id=123
room=321
```

Part of the power of ASN.1 comes from its serialisation features. You
can serialise your data structure and send it over the network.

```python
>>> from pyasn1.codec.der.encoder import encode
>>> substrate = encode(record)
>>> hexdump(substrate)
00000: 30 07 02 01 7B 80 02 01 41
```

Conversely, you can turn serialised ASN.1 content, as received from network or read from a file, into a Python object which you can introspect, modify, encode and send back.

```python
>>> from pyasn1.codec.der.decoder import decode
>>> received_record, rest_of_substrate = decode(substrate, asn1Spec=Record())
>>> for field in received_record:
...    print('{} is {}'.format(field, received_record[field]))
id is 123
room is 321
house is 0
>>> record == received_record
True
>>> received_record.update(room=123)
>>> substrate = encode(received_record)
>>> hexdump(substrate)
00000: 30 06 02 01 7B 80 01 7B
```

The pyasn1 classes struggle to emulate their Python prototypes (e.g. int, list, dict etc.). But ASN.1 types exhibit more complicated behaviour. To make life easier for a Pythonista, they can turn their pyasn1 classes into Python built-ins:

```python
>>> from pyasn1.codec.native.encoder import encode
>>> encode(record)
{'id': 123, 'room': 321, 'house': 0}
```

Or vice-versa -- you can initialize an ASN.1 structure from a tree of Python objects:

```python
>>> from pyasn1.codec.native.decoder import decode
>>> record = decode({'id': 123, 'room': 321, 'house': 0}, asn1Spec=Record())
```
With ASN.1 design, serialisation codecs are decoupled from data objects, so you could turn every single ASN.1 object into many different serialised forms. As of this moment, pyasn1 supports BER, DER, CER and Python built-ins codecs. The extremely compact PER encoding is expected to be introduced in the upcoming pyasn1 release.

More information on pyasn1 APIs can be found in the [documentation](http://snmplabs.com/pyasn1/), compiled ASN.1 modules for different protocols and file formats could be found in the pyasn1-modules [repo](https://github.com/etingof/pyasn1-modules).

How to get pyasn1
-----------------

The pyasn1 package is distributed under terms and conditions of 2-clause BSD [license](http://snmplabs.com/pyasn1/license.html). Source code is freely available as a GitHub [repo](https://github.com/etingof/pyasn1).

You could `pip install pyasn1` or download it from [PyPI](https://pypi.python.org/pypi/pyasn1).

If something does not work as expected, [open an issue](https://github.com/etingof/pyasn1/issues) at GitHub or post your question [on Stack Overflow](http://stackoverflow.com/questions/ask) or try browsing pyasn1 [mailing list archives](https://sourceforge.net/p/pyasn1/mailman/pyasn1-users/).

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* /opt/cola/permits/1114240522_1607457079.84/0/etingof-pyasn1-v0-4-2-0-gdf3a2b7-tar-gz/etingof-pyasn1-df3a2b7/README.md

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Abstract Syntax Notation One (ASN.1) is a technology for exchanging structured data in a universally understood, hardware agnostic way. Many industrial, security and telephony applications heavily rely on ASN.1.

The `pyasn1 <https://pypi.python.org/pypi/pyasn1/>`_ library implements ASN.1 support in pure-Python.

What is ASN.1
-------------

ASN.1 is a large, arguably over-engineered and extremely old data modelling and serialisation tool. It is probably among the first serialisation protocols in the history of computer science and technology.

ASN.1 started its life over 30 years ago as a serialisation mechanism for the first electronic mail (known as X.400). Later on it was split off the e-mail application and became a stand-alone tech still being actively supported by its designers and widely used in industry and technology.

Since then ASN.1 is sort of haunted by its relations with the OSI model -- the first, unsuccessful, version of the Internet. You can read many interesting `discussions <https://news.ycombinator.com/item?id=8871453>`_ on that topic.

In the following years, generations of software engineers tackled the serialisation problem many times. We can see that in Google's `ProtoBuffers <https://developers.google.com/protocol-buffers/>`_ or `FlatBuffers <https://google.github.io/flatbuffers/>`_, for example. Interestingly, many new takes on binary protocol design do not depart far from ASN.1 from technical perspective. It's more of a matter of striking a balance between processing overhead, wire format overhead and human readability.

Looking at what ASN.1 has to offer, it has three loosely coupled parts:
* Data types: the standard introduces a collection of basic data types (integers, bits, strings, arrays and records) that can be used for describing arbitrarily complex, nested data structures.

* Serialisation protocols: the above data structures could be converted into a series of octets for storage or transmission over the wire as well as recovered back into their structured form. The system is fully agnostic to hardware architectures differences.

* Schema language: ASN.1 data structures could be described in terms of a schema language for ASN.1 compiler to turn it into platform-specific implementation.

ASN.1 applications
-------------------

Being an old and generally successful standard, ASN.1 is widely adopted for many uses. To give you an example, these technologies use ASN.1 for their data exchange needs:

* Signaling standards for the public switched telephone network (SS7 family)
* Network management standards (SNMP, CMIP)
* Directory standards (X.500 family, LDAP)
* Public Key Infrastructure standards (X.509, etc.)
* PBX control (CSTA)
* IP-based Videoconferencing (H.323 family)
* Biometrics (BIP, CBEFF, ACBio)
* Intelligent transportation (SAE J2735)
* Cellular telephony (GSM, GPRS/EDGE, UMTS, LTE)

ASN.1 gotchas
--------------

Apparently, ASN.1 is hard to implement properly. Quality open-source ASN.1 tools are rare, but ad-hoc implementations are numerous. Judging from the `statistics <http://cve.mitre.org/cgi-bin/cvekey.cgi?keyword=ASN.1>`_ on discovered security vulnerabilities, many people have implemented ASN.1 parsers and oftentimes fell victim to its edge cases.

On the bright side, ASN.1 has been around for a long time, it is well understood and security reviewed.

Documentation
-------------

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Use case
--------

.. toctree::
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/example-use-case

Download & Install
------------------

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/download

Changes
-------

All changes and release history is maintained in changelog. There you could also download the latest unreleased pyasn1 tarball containing the latest fixes and improvements.

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/changelog

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-------

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Getting help
------------

Books on ASN.1

The pyasn1 implementation is largely based on reading up the following awesome books:

* `ASN.1 - Communication between heterogeneous systems <http://www.oss.com/asn1/dubuisson.html>`_ by Olivier Dubuisson

Here you can get the official standards which is hard to read:


On the other end of the readability spectrum, here is a quick and sweet write up:


If you are working with ASN.1, we'd highly recommend reading a proper book on the subject.

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  jar/io/netty/handler/timeout/package-info.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
  jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /opt/ws_local/PERMITS_SQL/1072989935_1595248329.71/0/netty-handler-4-1-39-final-sources-
  jar/io/netty/handler/ssl/SslHandler.java
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  jar/io/netty/handler/ssl/NotSslRecordException.java
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  jar/io/netty/handler/timeout/IdleState.java
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  jar/io/netty/handler/ssl/package-info.java
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  jar/io/netty/handler/logging/package-info.java
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  jar/io/netty/handler/stream/ChunkedNioFile.java
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jar/io/netty/handler/flow/FlowControlHandler.java

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1.1772 aspectj-tools 1.7.4

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* /opt/cola/permits/1104729278_1604648857.36/0/netty-resolver-4-1-53-final-jar/META-INF/maven/io.netty/netty-resolver/pom.xml
No license file was found, but licenses were detected in source scan.

Manifest-Version: 1.0
Implementation-Title: Netty/Resolver
Bundle-Description: Netty is an asynchronous event-driven network application framework for rapid development of maintainable high performance protocol servers and clients.
Automatic-Module-Name: io.netty.resolver
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
1.1774 jul-to-slf4j 1.7.29

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* /opt/ws_local/PERMITS_SQL/1063377540_1592971879.33/0/netty-buffer-4-1-43-final-sources-1.jar/io/netty/buffer/Unpooled.java
* /opt/ws_local/PERMITS_SQL/1063377540_1592971879.33/0/netty-buffer-4-1-43-final-sources-1.jar/io/netty/buffer/SwappedByteBuf.java

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1.1783 elasticsearch-rest-client 6.8.3

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package org.apache.http.impl.nio.bootstrap;

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* /opt/cola/permits/1003070162_1646171684.04/0/agroal-narayana-1-1-sources-jar/io/agroal/narayana/BaseXAResource.java
* /opt/cola/permits/1003070162_1646171684.04/0/agroal-narayana-1-1-sources-jar/io/agroal/narayana/ConnectableLocalXAResource.java
* /opt/cola/permits/1003070162_1646171684.04/0/agroal-narayana-1-1-sources-jar/io/agroal/narayana/LocalXAResource.java

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* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-jar/org/springframework/expression/spel/support/StandardTypeConverter.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-jar/org/springframework/expression/spel/standard/InternalSpelExpressionParser.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-jar/org/springframework/expression/spel/ast/VariableReference.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-jar/org/springframework/expression/spel/SpelMessage.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-jar/org/springframework/expression/spel/support/DataBindingPropertyAccessor.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-jar/org/springframework/expression/spel/support/ReflectiveMethodResolver.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-jar/org/springframework/expression/spel/ast/Selection.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-jar/org/springframework/expression/spel/support/ReflectivePropertyAccessor.java
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* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/common/TemplateParserContext.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/support/BooleanTypedValue.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/ExpressionInvocationTargetException.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/Operation.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/MethodExecutor.java
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* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelCompiler.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/ast/Identifier.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/TypedValue.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java

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* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/ast/Identifier.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java
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* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1.jar/org/springframework/expression/spel/SpelNode.java
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  jar/org/springframework/expression/spel/ast/LongLiteral.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-
  jar/org/springframework/expression/ConstructorResolver.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-
  jar/org/springframework/expression/EvaluationException.java
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  jar/org/springframework/expression/TypeLocator.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-
  jar/org/springframework/expression/spel/ast/FloatLiteral.java
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  jar/org/springframework/expression/spel/standard/TokenKind.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-
  jar/org/springframework/expression/spel/ast/OperatorBetween.java
* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-
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* /opt/cola/permits/1110675919_1606843246.37/0/spring-expression-5-0-8-release-sources-1-
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1.1829 aopalliance-repackaged 2.5.0

1.1830 go-runtime 1.8.3
1.1830.1 Available under license:

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jar/META-INF/maven/org.springframework.boot/spring-boot-starter-tomcat/pom.xml

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* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1- jar/io/netty/resolver/ResolvedAddressTypes.java

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* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
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* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-jar/io/netty/resolver/InetNameResolver.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-jar/io/netty/resolver/DefaultNameResolver.java

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  jar/io/netty/resolver/AddressResolverGroup.java
* /opt/ws_local/PERMITS_SQL/1068271484_1594339281.28/0/netty-resolver-4-1-45-final-sources-1-
  jar/io/netty/resolver/NoopAddressResolver.java
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  jar/io/netty/resolver/package-info.java
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* /opt/cola/permits/1110674989_1606843959.62/0/hornetq-jms-client-2-4-7-final-sources-3-jar/org/hornetq/api/jms/management/JMConsumerInfo.java
* /opt/cola/permits/1110674989_1606843959.62/0/hornetq-jms-client-2-4-7-final-sources-3-jar/org/hornetq/api/jms/management/JMSConsumerInfo.java

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1.1835 thymeleaf-extras-java8time

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1.1844 mesa 18.3.4-6.el7_7

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Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:50 PM
To: Tom Callaway <tcallawa@redhat.com>
CC: "jorge@iryoku.com" <jorge@iryoku.com>

Yes to both questions.

Thanks,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:49 PM
To: Jorge Jimenez <iryoku@gmail.com>
CC: jorge@iryoku.com
Subject: Re: Question about Mesa MLAA license
On 01/08/2013 12:39 PM, Jorge Jimenez wrote:

> Hi Tom,
>
> > What we meant with that is that we made an exception for clause 2.
> > Instead of clause 2, in the case of the Mesa project, you have to name
> > the technique Jimenez's MLAA in the config options of Mesa. We did that
> > just to allow them to solve license issues. This exception should be for
> > the Mesa project, and any project using Mesa, like Fedora.
> >
> > We want to widespread usage of our MLAA, so we want to avoid any kind of
> > license complications. Hope current one is good for Fedora, if not
> > please tell, and we'll see what we can do!
>
> Okay, a few more questions:

* If Fedora decides to simply reproduce the quoted statement:
"Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia,
Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."

Specifically, if this is done as part of documentation included with
Mesa, is that sufficient to meet clause 2 even if the Mesa config option
is not set as described in your exception?

* Currently, the Mesa config option for MLAA says: "Morphological
anti-aliasing based on Jimenez\' MLAA. 0 to disable, 8 for default
quality". Is this in compliance with your exception?

Thanks again,

~tom

==
Fedora Project

Subject: RE: Question about Mesa MLAA license
From: Jorge Jimenez <iryoku@gmail.com>
Date: 01/08/2013 12:39 PM
To: "jorge@iryoku.com" <jorge@iryoku.com>, Tom Callaway <tcallawa@redhat.com>

Hi Tom,

What we meant with that is that we made an exception for clause 2.
Instead of clause 2, in the case of the Mesa project, you have to name
the technique Jimenez's MLAA in the config options of Mesa. We did that
just to allow them to solve license issues. This exception should be for
the Mesa project, and any project using Mesa, like Fedora.
We want to widespread usage of our MLAA, so we want to avoid any kind of license complications. Hope current one is good for Fedora, if not please tell, and we'll see what we can do!

Cheers,
Jorge

From: Tom Callaway <tcallawa@redhat.com>
Sent: January 8, 2013 6:30 PM
To: jorge@iryoku.com
Subject: Question about Mesa MLAA license

Jorge,

Thanks for all of your fantastic graphics work! I have been auditing Fedora (a popular distribution of Linux) for license compliance and I came across your MLAA code in Mesa.

The license says:

* 2. Redistributions in binary form must reproduce the following statement:
   *
   * "Uses Jimenez's MLAA. Copyright (C) 2010 by Jorge Jimenez, Belen Masia, Jose I. Echevarria, Fernando Navarro and Diego Gutierrez."
   *
   * Only for use in the Mesa project, this point 2 is filled by naming the technique Jimenez's MLAA in the Mesa config options.

That wording is unclear. When you say "Only for use in the Mesa project...", it seems like you could either be saying:

- This code may only be used as part of Mesa.

OR

- In Mesa, you can comply with clause 2 by simply selecting "Jimenez's MLAA" in the Mesa config options.

*****

If the first item is true, then we may have to remove the MLAA code from Fedora's copy of Mesa. However, looking at the license on your SMAA code, I do not believe it to be the case. Please let me know either way!

Thanks in advance,

Tom Callaway
1.1845 elasticsearch-ssl-config 6.8.3

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1.1846 jetty-io 8.1.7.v20120910

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1.1848 weld-spi 3.0.SP4

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```

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Glenn Randers-Pehrson
glenrp at users.sourceforge.net
September 27, 2012

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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/InterruptibleTask.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/ConsumingQueueIterator.java
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/math/Quantiles.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/eventbus/Subscriber.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/eventbus/Dispatcher.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/base/MoreObjects.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/eventbus/SubscriberRegistry.java

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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-
  jar/com/google/common/collection/MultimapBuilder.java
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  jar/com/google/common/primitives/Shorts.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-
  jar/com/google/common/util/concurrent/SerializingExecutor.java
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  jar/com/google/common/base/Joiner.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-
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jar/com/google/common/base/Stopwatch.java
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jar/com/google/common/base/internal/Finalizer.java

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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/io/Flushables.java
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/base/FinalizableWeakReference.java
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/base/Preconditions.java
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/base/FinalizableReference.java
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/ListeningExecutorService.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/net/package-info.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/SortedLists.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/base/Equivalence.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/Monitor.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/base/Strings.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/Atomics.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/base/Ascii.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/annotations/Beta.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/annotations/package-info.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/ContiguousSet.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/primitives/package-info.java

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  */opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/BiMap.java
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  */opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/AbstractSortedSetMultimap.java
  */opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/ForwardingSet.java
  */opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/ForwardingMap.java
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  */opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/MapConstraints.java
  */opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/ForwardingMultimap.java
  */opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/ForwardingSortedSet.java
  */opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/Intererner.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/SetMultimap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/AbstractMapBasedMultiset.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/EnumHashBiMap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/TreeMultimap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/Ordering.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ByFunctionOrdering.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ForwardingMultiset.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/Sets.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ConcurrentHashMultiset.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/LinkedHashMultimap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/Multiset.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/Constraint.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ForwardingObject.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/NaturalOrdering.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ForwardingSortedMap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/MapDifference.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/LinkedHashMultiset.java
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ForwardingQueue.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ArrayListMultimap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/Multimaps.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ExplicitOrdering.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/LinkedListMultimap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/AbstractIterator.java
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*/opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/TimeoutFuture.java
*/opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/FakeTimeLimiter.java
*/opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/AbstractCatchingFuture.java
*/opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/util/concurrent/Futures.java
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 */
/**
 * Holder for extra methods of {code Objects} only in web. Intended to be empty for regular
 * version.
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/base/ExtraObjectsMethodsForWeb.java

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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/GwtTransient.java
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/AbstractGraphBuilder.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/ValueGraphBuilder.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/GraphConstants.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/MapIteratorCache.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/MultiEdgesConnecting.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/ConfigurableMutableNetwork.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/MutableValueGraph.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/GraphBuilder.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/GraphConnections.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/MapIteratorCache.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/UndirectedGraphConnections.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources.jar/com/google/common/graph/MultiEdgesConnecting.java
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jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/SingletonImmutableBiMap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/PeekingIterator.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/Collections2.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/RegularImmutableMap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/EmptyImmutableListMultimap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/Platform.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ImmutableListMultimap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ImmutableSortedSet.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/StandardTable.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ImmutableMapKeySet.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/Table.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ImmutableBiMap.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixPatterns.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/ImmutableMapValues.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/Tables.java
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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/TreeBasedTable.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collection/RegularImmutableBiMap.java

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 */
/**
 * Outer class that exists solely to let us write [@code Partially.GwtIncompatible] instead of plain
 * [@code GwtIncompatible]. This is more accurate for [@link Futures#catching], which is available
 * under GWT but with a slightly different signature.
 *
 * We can't use [@code PartiallyGwtIncompatible] because then the GWT compiler wouldn't recognize
 * it as a [@code GwtIncompatible] annotation. And for [@code Futures.catching], we need the GWT
 * compiler to autostrip the normal server method in order to expose the special, inherited GWT
 * version.
 */

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* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/SortedMultiset.java
* /opt/cola/permits/1000875368_1646171529.3/0/guava-20-0-sources-jar/com/google/common/collect/SortedMultisets.java

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1.1859 javax-websocket-api 1.0

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## -*-makefile-*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $(LIBCPPFLAGS)
%.o: $(srcdir)/%.c

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$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.S(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$($SHELL) -ec '$(GEN_DEPS.c) $< 
| sed '"s/\($*\)\.o\[ :\]/\1.o $@ : /g" > $@; 
[ -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$($SHELL) -ec '$(GEN_DEPS.cc) $< 
| sed '"s/\($*\)\.o\[ :\]/\1.o $@ : /g" > $@; 
[ -s $@ ] || rm -f $@'

## Versioned libraries rules
%.S$(SO).$(SO_TARGET_VERSION_MAJOR): %.S$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%.S$(SO): %.S$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
# This file contains a list of people who've made non-trivial
# contribution to the Google C++ Testing Framework project. People
# who commit code to the project are encouraged to add their names
# here. Please keep the list sorted by first names.

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards
changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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1.1865 wildfly-weld-jpa 14.0.1.Final

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Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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* /opt/cola/permits/1137133810_1614022227.85/0/asm-5-0-1-sources-1-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1137133810_1614022227.85/0/asm-5-0-1-sources-1-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
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* /opt/cola/permits/1137133810_1614022227.85/0/asm-5-0-1-sources-1-jar/org/objectweb/asm/xml/Processor.java
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* Creates a new [ @link GeneratorAdapter ]. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* [ @link #GeneratorAdapter(int, MethodVisitor, int, String, String) ]
* version.
*
* @param mv
* the method visitor to which this adapter delegates calls.
* @param access
* the method's access flags (see [ @link Opcodes ]).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see [ @link Type Type ]).
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
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 * {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see {@link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type Type}).
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
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/**
* Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
* not use this constructor</i>. Instead, they must use the
* {LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
* version.
*
* @param typeRef
* a reference to the annotated type. See {TypeReference}.
* @param typePath
* the path to the annotated type argument, wildcard bound, array
* element type, or static inner type within 'typeRef'. May be
* null if the annotation targets 'typeRef' as a whole.
* @param start
* the first instructions corresponding to the continuous ranges
* that make the scope of this local variable (inclusive).
* @param end
* the last instructions corresponding to the continuous ranges
* that make the scope of this local variable (exclusive). This
* array must have the same size as the 'start' array.

* @param index
* the local variable's index in each range. This array must have
* the same size as the 'start' array.

* @param desc
* the class descriptor of the annotation class.

*/

Found in path(s):
* /opt/cola/permits/1137133810_1614022227.85/0/asm-5-0-1-sources-1-jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java

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/**
 * Constructs a new [ @link Textifier ] . <i> Subclasses must not use this
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*  
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

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/**
* Creates a new JSRInliner. <i>Subclasses must not use this constructor</i>. Instead, they must use the
* {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
* version.
*
* @param mv
*     the <code>MethodVisitor</code> to send the resulting inlined
*     method code to (use <code>null</code> for none).
* @param access
*     the method's access flags (see {@link Opcodes}). This
*     parameter also indicates if the method is synthetic and/or
*     deprecated.
* @param name
*     the method's name.
* @param desc
*     the method's descriptor (see {@link Type}).
* @param signature
*     the method's signature. May be <tt>null</tt>.
* @param exceptions
*     the internal names of the method's exception classes (see
* {@link Type#getName() getName}). May be null.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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/**
 * Constructs a new [ClassNode]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [ClassNode(int)]
 * version.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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* /opt/cola/permits/1137133810_1614022227.85/0/asm-5-0-1-sources-1-jar/org/objectweb/asm/tree/ClassNode.java

1.1876 audit 2.8.5 4.el7
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1.1890 java-getopt 1.0.13

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d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit
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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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# application/alto-directory+json
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# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
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# application/ml
application/andrew-insetez
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application/cdmi-capabilitycdmia
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application/java-serialized-object	ser
application/java-vm
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# application/vnd.ims.lti.v2.toolproxy+json
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# video/vnd.hns.video
# video/vnd.iptvforum.1dp1
# video/vnd.iptvforum.1dp1-1010
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/*
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/* video/vnd.iptvforum.ttsavc */
/* video/vnd.iptvforum.ttsmpeg2 */
/* video/vnd.motorola.video */
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/* video/x-smvsmv */
/* x-conference/x-cooltalkice */

Found in path(s):
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5.2.2-release-sources-2.jar/org/springframework/http/mime.types

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Found in path(s):
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/bind/support/SessionStatus.java

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* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/converter/HttpMessage.java

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Found in path(s):
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/cors/reactive/CorsWebFilter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/util/UrlPathHelper.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/server/reactive/AbstractServerHttpRequest.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/http/server/reactive/AbstractServerHttpRequest.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/util/Authorize.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/context/request/RequestContextListener.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/server/WebFilterChain.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/util/pattern/PathPatternParser.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/accept/PathExtensionContentNegotiationStrategy.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/http/converter/FormHttpMessageConverter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/web/server/adapter/ForwardedHeaderTransformer.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/http/codec/FormHttpMessageReader.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-jar/org/springframework/http/server/reactive/HttpHeadResponseDecorator.java

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 */
jar/org/springframework/http/converter/HttpMessageConverter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
jar/org/springframework/http/client/Netty4ClientHttpRequestFactory.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
jar/org/springframework/http/server/reactive/ReactorHttpHandlerAdapter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
jar/org/springframework/http/client/BufferingClientHttpRequestFactory.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
jar/org/springframework/http/converter/xml/AbstractXmlHttpMessageConverter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
jar/org/springframework/http/server/reactive/UndertowHttpHandlerAdapter.java
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jar/org/springframework/http/server/reactive/UndertowHeadersAdapter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
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* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
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jar/org/springframework/http/server/reactive/ContextPathCompositeHandler.java
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jar/org/springframework/http/server/reactive/ContextPathCompositeHandler.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
jar/org/springframework/web/bind/support/WebExchangeBindException.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
jar/org/springframework/web/context/support/ServletContextAttributeExporter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
jar/org/springframework/http/server/reactive/UndertowHeadersAdapter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
jar/org/springframework/http/server/reactive/UndertowHeadersAdapter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
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jar/org/springframework/http/server/reactive/UndertowHttpHandlerAdapter.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
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  jar/org/springframework/web/context/support/ServletContextResourceLoader.java
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* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
  jar/org/springframework/http/server/ServerHttpResponse.java
* /opt/cola/permits/1141988932_1615255825.83/0/spring-web-5-2-2-release-sources-2-
  jar/org/springframework/web/HttpMediaTypeException.java
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/**
 * XSLT-driven View that allows for response context to be rendered as the
 * result of an XSLT transformation.
 *
 * <p>The XSLT Source object is supplied as a parameter in the model and then
 * [email link detected] during response rendering. Users can either specify
 * a specific entry in the model via the [email link setSourceKey sourceKey] property or
 * have Spring locate the Source object. This class also provides basic conversion
 * of objects into Source implementations. See [email link getSourceTypes() here]
 * for more details.
 *
 * <p>All model parameters are passed to the XSLT Transformer as parameters.
 * In addition the user can configure [email link setOutputProperties output properties]
 * to be passed to the Transformer.
 *
 * @author Rob Harrop
 * @author Juergen Hoeller
 * @since 2.0
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* /opt/cola/permits/1136220960_1613710167.47/0/spring-webmvc-5-1-8-release-sources-2.jar/org/springframework/web/servlet/mvc/method/annotation/ResponseBodyEmitter.java
* /opt/cola/permits/1136220960_1613710167.47/0/spring-webmvc-5-1-8-release-sources-2.jar/org/springframework/web/servlet/tags/EditorAwareTag.java

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* /opt/cola/permits/1136220960_1613710167.47/0/spring-webmvc-5-1-8-release-sources-2.jar/org/springframework/web/servlet/config/TilesConfigurerBeanDefinitionParser.java
* /opt/cola/permits/1136220960_1613710167.47/0/spring-webmvc-5-1-8-release-sources-2.jar/org/springframework/web/servlet/tags/form/SelectTag.java
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* /opt/cola/permits/1136220960_1613710167.47/0/spring-webmvc-5-1-8-release-sources-2.jar/org/springframework/web/servlet/tags/form/AbstractHtmlInputElementTag.java
* /opt/cola/permits/1136220960_1613710167.47/0/spring-webmvc-5-1-8-release-sources-2.jar/org/springframework/web/servlet/config/ResourcesBeanDefinitionParser.java
* /opt/cola/permits/1136220960_1613710167.47/0/spring-webmvc-5-1-8-release-sources-2.jar/org/springframework/web/servlet/theme/AbstractThemeResolver.java

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1.1899 urllib3 1.10.2
1.1899.1 Available under license :
   # Contributions to the urllib3 project

   ## Creator & Maintainer

   * Andrey Petrov <andrey.petrov@shazow.net>

   ## Contributors

   In chronological order:

   * victor.vde <http://code.google.com/u/victor.vde/>
   * HTTPS patch (which inspired HTTPSConnectionPool)
   * erikcederstrand <http://code.google.com/u/erikcederstrand/>
* NTLM-authenticated HTTPSConnectionPool
* Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
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* kennethreitz <me@kennethreitz.com>
  * Bugfixes, suggestions, Requests integration

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  * Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
  * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
  * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
  * IPv6 url support and test coverage

* Shivaram Lingamneni <slingarn@cs.stanford.edu>
  * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
  * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
* Correct six.moves conflict
* Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
* Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>  
  * Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>  
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>  
  * PEP8 Compliance and Linting  
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>  
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>  
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>  
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>  
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>  
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>  
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>  
  * Updates to the default SSL configuration

* [Your name or handle] <[email or website]>  
  * [Brief summary of your changes]

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1.1900 netty-codec 4.1.24.Final

1.1901 python-iniparse 0.4 9.el7

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iniparse/compat.py and tests/test_compat.py contain code derived from
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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rather than copying library functions into the executable, and (2)
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(1)

ExceptionConverter:
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"This material from The Java(tm) Specialists' Newsletter by Maximum Solutions
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(2)

SimpleXMLParser:
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Jennifer Orr (JavaWorld) wrote: "You have permission to use the code appearing in
Steven Brandt's JavaWorld article, 'Java Tip 128: Create a quick-and-dirty XML parser.'
We ask that you reference the author as the creator and JavaWorld as the original publisher
of the code." Steven Brandt also agreed with the use of this class.

(3)

The following files contain material that was copyrighted by SUN:

com/lowagie/text/pdf/LZWDecoder.java (first appearance in iText: 2002-02-08)
com/lowagie/text/pdf/codec/TIFFFaxDecoder.java (first appearance in iText: 2003-04-09)
com/lowagie/text/pdf/codec/TIFFField.java (first appearance in iText: 2003-04-09)
com/lowagie/text/pdf/codec/TIFFLZWDecoder.java (first appearance in iText: 2003-04-09)

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In a mail sent to Bruno Lowagie on January 23, 2008, Brian Burkhalter (@sun.com)
writes: "This code is under a BSD license and supersedes the older codec packages
on which your code is based. It also includes numerous fixes among them being the
ability to handle a lot of 'broken' TIFFs."
Note that numerous fixes were applied to the code used in iText by Paulo Soares, but apart from the fixes there were no essential changes between the code that was originally adapted and the code that is now available under the following license:

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FYI: Brian also added: "A bit of history might be in order. The codec classes that you used originally were based on some classes included with JAI but not strictly part of JAI."
As of Java SE 1.4 an official Image I/O framework was added in javax.imageio.... This framework supports these formats:

Java 1.4: GIF (read only), JPEG, PNG
Java 1.5: Added support for BMP and WBMP
Java 1.6: Added support for writing GIF

The JAI Image I/O Tools packages (jai-imageio-core) were created to support formats handled by JAI but not included in Java SE as well as some new things like JPEG2000.

(4) the file com/lowagie/text/pdf/codec/TIFFConstants and some other TIFF related code is derived from LIBTIFF:

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1.1912 wildfly-weld-bean-validation

14.0.1.Final

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1.1913 grok 6.8.3

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1.1917 jackson-dataformat-yaml 2.9.6

1.1917.1 Available under license:

# Jackson JSON processor

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jar/org/eclipse/jetty/security/UserDataConstraint.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/HashLoginService.java
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jar/org/eclipse/jetty/security/DefaultAuthenticatorFactory.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
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jar/org/eclipse/jetty/security/authentication/LoginAuthenticator.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/authentication/LoginCallback.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/authentication/LoginHandlerContext.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/authentication/SessionAuthentication.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/authentication/DigestAuthenticator.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/SpnegoUserPrincipal.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/SpnegoUserIdentity.java
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jar/org/eclipse/jetty/security/SpnegoLoginService.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/authentication/RunAsToken.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/authentication/SessionAuthentication.java
* /opt/cola/permits/1001043161_1646171566.11/0/jetty-security-8-1-7-v20120910-sources-
jar/org/eclipse/jetty/security/UserAuthentication.java
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1.1927 slf4j 1.7.30

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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**************************************************************************
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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============================

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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Metadata-Version: 1.1
Name: ruamel.ordereddict
Version: 0.4.13
Summary: a version of dict that keeps keys in insertion resp. sorted order
Home-page: https://bitbucket.org/ruamel/ordereddict
Author: Anthon van der Neut
Author-email: a.van.der.neut@ruamel.eu
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Description:

The ordereddict module in short
-----------------------------

This is an implementation of an ordered dictionary with Key Insertion Order (KIO: updates of values do not affect the position of the key), Key Value Insertion Order (KVIO, an existing key's position is removed and put at the back). The standard library module OrderedDict, implemented later, implements a subset of `ordereddict` functionality.

Sorted dictionaries are also provided. Currently only with Key Sorted Order (KSO, no sorting function can be specified, but you can specify a transform to apply on the key before comparison (e.g. string.lower)).

This package is hosted on BitBucket and installable from PyPI::

    pip install ruamel.ordereddict

For Windows there are 32 and 64 bit installable wheels available.

Usage::

    from ruamel.ordereddict import ordereddict
    kio = ordereddict()
    kvio = ordereddict(kvio=True)
    # without relax unordered initialisation is not allowed
    d = ordereddict({'a':1, 'b': 2}, relax=True)
    sd = sorteddict({'a':1, 'b': 2}) # sorteddict is always relaxed

**Please note that starting with 0.4.6 you should not import _ordereddict directly**

This module has been tested under:
Older versions of this module has been tested under
and I expect those to still work:

-------------  ------------------------------------
OS     compiler      Python
Windows XP-64 Visual Studio 2010  2.7.10-32
Windows XP-64 Visual Studio 2010  2.7.10-64
Windows XP-64 Visual Studio 2008  2.6.9-32
Windows XP-64 Visual Studio 2008  2.6.9-64
Linux Mint 17 gcc 4.8.2        2.6.9
Ubuntu 12.04 gcc 4.7.2       2.7.6
Ubuntu 12.04 gcc 4.7.2       2.6.8
Ubuntu 8.04 gcc 4.2.4       2.7.6
Ubuntu 8.04 gcc 4.2.4       2.5.2
Windows XP Visual C++ 2008 Express  2.7.6
Windows 7 64 Windows SDK for Win7 SP1  2.7.6
Ubuntu 12.04 gcc 4.6.3       2.7.3
Ubuntu 8.04 gcc 4.2.4       2.6.4
Ubuntu 8.04 gcc 4.2.4       2.5.2
Ubuntu 8.10 gcc 4.3.2       2.5.4
Ubuntu 8.10 gcc 4.3.2       2.4.6
Ubuntu 7.04 gcc 4.1.2       2.5.1
Ubuntu 7.04 gcc 4.1.2       2.4.4
Ubuntu 6.06 gcc             2.5.1
Windows XP Visual Studio 2003  2.5.1
Windows XP Visual C++ 2008 Express  2.6.5
Windows MingGW 4.7.0        2.7.3
Solaris 10 GCC 4.4.x       2.7.3
-------------  ------------------------------------

Version 0.4.1 was tested and found working on SuSE Linux Enterprise Server
(GCC 4.1.0 and Intel C/C++ 10.1) by Stuart Stock.

MingGW and Solaris were tested and reported to work by Wladimir with version
0.4.5

Home

----------------------------
https://bitbucket.org/ruamel/ordereddict is ordereddict's home on the web.
Clone the repository there if you want to work from the source.

http://www.xs4all.nl/~anthon/Python/ordereddict used to be ordereddict's home on the web. There you can still find the links for downloading the older version (0.4.5).

Installation
------------

.. comment: To install the package you can use::

    pip install ruamel.ordereddict

You can clone and checkout the sources, and then run::

    python setup.py install

Bugreporting
------------

If you find any problems, please let me know, but also realise that I have a spamfilter that catches over 100 emails a day and yours might get in there unnoticed. So if there is no response within a few days please try again.

Functionality
-------------

ordereddict has all of the functionality of dict() except that there is no keyword based initialisation and that you cannot pass a normal dict to the initialisation of the basic ordereddict (however see the relax-ed keyword below). sorteddict cannot be initialised from keywords either, but can be initialised from normal dict (ie. they are always relaxed).

As you probably would expect .keys(), .values(), .items(), .iterkeys(), .itervalues(), .iteritems() and "for i in some_ordereddict" have elements ordered based on the key insertion order (or key value insertion order if kvio is specified, or sort order for sorteddict).

ordered/sorteddicts can be pickled.

Some methods have been slightly changed:

- initialisation of ordereddict takes keywords:
- kvio: if set to True, then move an existing key on update
- relax: if set to True, the ordereddict is relaxed for its life regarding initialisation and/or update from unordered data (read a normal dict).

- initialisation of sorteddict takes keyword:

  - key: specifies a function to apply on key (e.g. string.lower)

- .popitem() takes an optional argument (defaulting to -1) indicating which key/value pair to return (by default the last one available)
- .dict()/values()/items()/iterdict()/itervalues()/iteritems() all take an optional reverse (default False) parameter that gives the list reversed order resp. iterates in reverse (the non-iterator can also be done relatively efficient with e.g. od.dict().reverse() )
- .update(): takes an optional relax=True which allows one time ordereddict update from normal dictionaries regardless of initialisation time relax setting.

In addition to that ordereddict and sorteddict have some extra methods:

- .index(key) - gives an integer value that is the index of the key
- .setkeys()/setvalues()/setitems(), work like those in the Larosa/Foord implementation, although they might throw different exceptions:
  - setvalues' argument must be an iterable that returns the same number of items as the length of the ordereddict
  - setitems' argument is free in length, it performs a clear and adds the items in order.
- slice retrieval for all

and ordereddict only also has:

- .setkeys(), works like the one in the Larosa/Foord implementation. Argument must be an iterable returning a permutation of the existing keys (that implies having the same length as the ordereddict)
- .reverse() - reverses the keys in place
- .insert(position, key, value) - this will put a key at a particular position so that afterwards .index(key) == position, if the key was already there the original position (and value) is lost to the new position. This often means moving keys to new positions!
- slice deletion/assignment:
  - stepped deletion could be optimized a bit (individual items are deleted which can require memmowing multiple items)
  - assignment only from OrderedDict (with the same length as the slice). This could also be optimised as I first delete, then insert individual items.

If the assigned items contain keys that are still there after the deletion 'phase' then retrieving that slice does not always give the original
assigned ordereddict (depending on the position of the items
with those keys in either ordereddict)
- .rename(oldkey, newkey) renames a key, but keeps the items position and value

The new OrderedDict in the standard collections module
-------------------------------------------------------------

With Python 3.1 and backported to 2.7 there is an OrderedDict class
available in the collections modules. Raymond Hettinger indicated in
2009 at EuroPython that he preferred to start from a minimal
OrderedDict instead of using the Larosa/Foord
implementation. Unfortunately the available tests (for the
functionality that the simple collections.OrderedDict supports) were
not used either resulting in preventable bugs like repr initially not
working on recursive OrderedDicts.

ordereddict (and the Larosa/Foord implementation) is essentially
a superset of collections.OrderedDict, but there are a few
differences:

- OrderedDict is by default relax-ed.
- repr of recursive OrderedDict does not give any indication of the
  value of the recursive key, as it only displays `...`. ordereddict
displays `ordereddict([...])` as value. Just using the dots like
OrderedDict does is going to be ambiguous as soon as you have two different
types A and B and nest A in B in A or B in B in A.
- some newer build-in functions available in OrderedDict are not
  available in ordereddict (__reversed__, viewkeys, viewvalues, viewitems).

All of the differences can be straightened out in small (70 lines of
Python) OrderedDict wrapper around ordereddict. With this wrapper the
OrderedDict tests in the standard test_collections.py all pass.

Testing
-------

testordereddict.py in the test subdirectory has been used to test the module.
You can use::

    python testordereddict

to run the tests (py.test support has been dropped as newer versions
of py.test were not compatible).

There is a somewhat patched copy of the python lib/Test dictionary testing
routines included as well, it fails on the _update test however
because the default is not to use a relaxed ordereddict.
You can run it with::
cd test/unit
python test_dict.py

To Do
-----
- implement Value Sorted Order (VSO: specify value=True for normal value comparison), or a value rewrite function for VSO (e.g. value=string.lower)
- implement Item Sorted Order (ISO): compare value then key (the other way around would not make sense with unique keys, but we might have non-unique values).
- implement slice deletion for sorteddict
- more testing of sorteddict functionality
- speedtest slices
- speedtest sorteddict
- check on the test_update unittest in test_dict.py

To Consider
------------
- comparing ordereddicts (as per Larosa/Foord)
- implement the whole (optionally) using pointers in the DictObject Items (Faster on insertion/deletion, slower on accessing slices, makes implementing algorithms somewhat more difficult), would have to separate code for sorteddict as key position determination would be much slower.
- supply a pure Python implementation of exactly the functionality in ordereddict
- test on older versions (< 2.4) of Python and make portable (if this can be done without too much clutter) or port.
- test on the Mac
- optimise searching for an item pointer for sorteddict with binary search (for deletion)

Background information
------------------------

ordereddict is directly derived from Python's own dictobject.c file. The extensions and the representation of ordereddicts() are based on Larosa/Foord's excellent pure Python OrderedDict() module (http://www.voidspace.org.uk/python/odict.html).

The implementation adds a vector of pointers to elements to the basic dictionary structure and keeps this vector compact (and in order) so indexing is fast. The elements do not know about their position (so nothing needs to be updated there if that position changes, but then finding an item's index is expensive. Insertion/deletion is also relatively expensive in that on average half of the vector of pointers needs to be memmove-d one position.
There is also a long value for bit info like kvio, relaxed.

The sorteddict structure has an additional 3 pointers of which only one (sd_key) is currently used (the others are sd_cmp and sd_value).

Speed
-----

Based on some tests with best of 10 iterations of 10000 iterations of various functions under Ubuntu 7.10 (see test/timeordereddict.py and test/ta.py):

Results in seconds:

<table>
<thead>
<tr>
<th>Function</th>
<th>dict</th>
<th>ordereddict</th>
<th>Larosa/Ford</th>
<th>collections</th>
</tr>
</thead>
<tbody>
<tr>
<td>empty</td>
<td>0.023</td>
<td>0.025</td>
<td>0.023</td>
<td>0.024</td>
</tr>
<tr>
<td>create_empty</td>
<td>0.028</td>
<td>0.031</td>
<td>0.147</td>
<td>0.329</td>
</tr>
<tr>
<td>create_five_entry</td>
<td>0.037</td>
<td>0.042</td>
<td>0.384</td>
<td>0.558</td>
</tr>
<tr>
<td>create_26_entry</td>
<td>0.187</td>
<td>0.203</td>
<td>1.494</td>
<td>1.602</td>
</tr>
<tr>
<td>create_676_entry</td>
<td>5.380</td>
<td>5.574</td>
<td>36.797</td>
<td>34.810</td>
</tr>
<tr>
<td>get_keys_from_26_entry</td>
<td>0.209</td>
<td>0.231</td>
<td>1.501</td>
<td>1.762</td>
</tr>
<tr>
<td>pop_5_items_26_entry</td>
<td>0.219</td>
<td>0.247</td>
<td>1.952</td>
<td>1.864</td>
</tr>
<tr>
<td>pop_26_items_676_entry</td>
<td>7.550</td>
<td>8.127</td>
<td>46.578</td>
<td>41.851</td>
</tr>
<tr>
<td>popitem_last_26_entry</td>
<td>0.203</td>
<td>0.225</td>
<td>1.624</td>
<td>1.734</td>
</tr>
<tr>
<td>popitem_last_676_entry</td>
<td>5.285</td>
<td>5.534</td>
<td>36.912</td>
<td>34.799</td>
</tr>
<tr>
<td>popitem_100_676_entry</td>
<td>------</td>
<td>5.552</td>
<td>36.577</td>
<td>------</td>
</tr>
<tr>
<td>walk_26_iteritems</td>
<td>------</td>
<td>0.494</td>
<td>2.792</td>
<td>2.238</td>
</tr>
</tbody>
</table>

Why
---

Because I am orderly ;-O, and because I use dictionaries to store key/value information read from some text file quite often.
Unfortunately comparing those files with diff when written from normal dictionaries often obfuscates changes because of the reordering of lines when key/value pairs are added and then written.

I have special routine for YAML files that takes lines like::

- key1: val1
- key2: val3
- key3:
  - val3a
  - val3b

(i.e. a list of key-value pairs) directly to a single ordered dictionary and back. (I find it kind of strange to finally have a structured, human readable, format that does not try to preserve the order of key-value pairs so that comparing files is difficult with 'standard' text tools).

Older versions
--------------

http://www.xs4all.nl/~anthon/Python/ordereddict used to be ordereddict's home on the web.

There you can still find the links for downloading the older version (0.4.5).

History
-------

```
0.4.13``: 2017-0723
```

| 0.4.9 2015-08-10 |
| typos fixed by Gianfranco Costamagna |
| 0.4.8 2015-05-31 |
| dependent on ruamel.base |
| version number in a single place |
| using py.test under tox |
| generate wheel for 32/64bit py26/py27 on windows |
| 0.4.6 2014-01-18 |
| Move to ruamel namespace, hosted on bitbucket, MIT License |
| Testing with tox |
| 0.4.5 2012-06-17 |
| Fix for a bug while inserting last item again beyond last position (reported
Fix for repeated deletion and insertion fail. Found by and solution provided by Darren Dowker (including tests). Also found by Fabio Zadronzy (including a less elegant fix).

applied reindent to .py and astyle to .c files

```
0.4.3  2009-05-11```
Fix for a bug in slicing SortedDicts.
Found by, and fix provided by, Migel Anguel (linos.es)

```
0.4.2  2009-03-27```
Bug found and by Alexandre Andrade and Fabio Zadrozny in doing deepcopy

```
0.4.1  2007-11-06```
Bug found and fixed by Fabio Zadrozny on resizing dictionaries

```
0.4  2007-10-30```
added pickling, added relaxed initialisation/update (from unordered dicts)
added KVIO (Key Value Insertion Order ie. key moves to back on update)
implemented sortreddict, with KSO, Key Sorted Order. You can specify
a function for key transformation before comparison (such as string.lower)
sortreddict does not have all of the ordereddict methods as not all make
sense (eg. slice assignment, rename, setkeys)

```
0.3  2007-10-24```
added setkeys/setvalues/setitems; slice retrieval, deletion, assignment
rename(oldkey, newkey) rename a key keeping same value and position
index() of non-existing key now returns ValueError instead of SystemError
Changed the module name to _ordereddict (from ordereddict), as Jason
Kirstland probably rightfully suggested that any private implementation
likely has the (file)name ordereddict.py. A modulename with leading
underscore seams more common for extension modules anyway.

```
0.2a  2007-10-16```
Solved the potential GC problem on Windows

```
0.2  2007-10-16```
First release, with some tests, and possible still a GC problem
with Windows.

```
0.1  2007-10-..```
This version was never released. While testing it I was far in writing
an email to comp.lang.python about why timing with timeit did seem to
be memory hungry ....
and then I realised ordereddict had a memory leak %-)

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1.1939.1 Available under license:
   From RPM File Metadata:GPL+

1.1940 ant 1.6
1.1940.1 Available under license:
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/RegexpPatternMapper.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/net/TelnetTask.java
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/Rpm.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/sitraka/Coverage.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/condition/Http.java
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/rmic/DefaultRmicAdapter.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/rmic/DefaultRmicAdapter.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/rmic/DefaultRmicAdapter.java
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jar/main/org/apache/tools/ant/taskdefs/compilers/Sj.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/types/ZipFileSet.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/Ear.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/Project.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/ExecuteJava.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/Chmod.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/vss/MSVSS.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/Get.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/script/ScriptDefBase.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/LogOutputStream.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/DataType.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/SourceFileScanner.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/CommandlineJava.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/Jar.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/AntStructure.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/MatchingTask.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/depend/constantpool/FieldRefCPInfo.java  
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/optional/WeakishReference12.java  
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/dotnet/DotnetResource.java
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/XMLValidateTask.java
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/Exit.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/Assertions.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/ExecuteOn.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/Touch.java
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/DOMElementWriter.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/javacc/JJTree.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/ejb/GenericDeploymentTool.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/ejb/DDCreatorHelper.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/vss/MSVSSGET.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/junit/PlainJUnitResultFormatter.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/net/SetProxy.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/script/ScriptDef.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/ejb/DescriptorHandler.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/ejb/CreatorHelper.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/vss/MSVSSGET.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/junit/PlainJUnitResultFormatter.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
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jar/main/org/apache/tools/ant/taskdefs/optional/junit/XMLJUnitResultFormatter.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/depend/constantpool/ConstantPoolEntry.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/dotnet/DotnetBaseMatchingTask.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/Target.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/dotnet/JSharp.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/Ant.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/UpToDate.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/ExecuteWatchdog.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/types/Commandline.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/UpToDate.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/DefaultLogger.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/types/Mapper.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/FixCRLF.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/Copy.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/junit/JUnitTask.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/junit/JUnitTask.java

* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/FixCRLF.java
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jar/main/org/apache/tools/ant/taskdefs/CallTarget.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/ExecTask.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/dotnet/ImportTypelib.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/NetRexxC.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/BuildException.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/LazyHashtable.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/depend/constantpool/InterfaceMethodRefCPInfo.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/javacc/JavaCC.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/junit/JUnitTest.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/Script.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/Rmic.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/clearcase/CCUnCheckout.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/net/FTP.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/TempFile.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/depend/JarFileIterator.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/depend/JarFileIterator.java
* /opt/ cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/depend/constantpool/DoubleCPInfo.java
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package org.apache.tools.ant.util;

/**
 * Interface for classes that want to be notified by Watchdog.
 * @since Ant 1.5
 * @see org.apache.tools.ant.util.Watchdog
 * @author Stefan Bodewig
 */
public interface TimeoutObserver {

/**
 * Called when the watchdow times out.
 * @param w the watchdog that timed out.
 */
void timeoutOccured(Watchdog w);
}

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 */
package org.apache.tools.ant.util;

import java.io.File;

/**
* Maps dotted package name matches to a directory name.
* This is the inverse of the package mapper.
* This is useful for matching XML formatter results against their JUnit test cases.
*<pre>
* &lt;mapper classname="org.apache.tools.ant.util.UnPackageNameMapper"
* from="${test.data.dir}/TEST-*Test.xml" to="*Test.java"&gt;
* &lt;/pre&gt;
*
* @author Brad Clark
*
*/

public class UnPackageNameMapper extends GlobPatternMapper {
  /**
   * Returns the part of the given string that matches the * in the
   * &quot;from&quot; pattern replacing dots with file separators
   *
   * @param name Source filename
   * @return Replaced variable part
   */
  protected String extractVariablePart(String name) {
    String var = name.substring(prefixLength,
    name.length() - postfixLength);
    return var.replace('.', File.separatorChar);
  }
}

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  jar/main/org/apache/tools/ant/taskdefs/optional/extension/ExtensionResolver.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/taskdefs/optional/image/Image.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/taskdefs/optional/extension/ExtensionSet.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/taskdefs/optional/extension/ExtensionSet.java
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  jar/main/org/apache/tools/ant/types/optional/image/TransformOperation.java
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  jar/main/org/apache/tools/ant/taskdefs/cvslib/CVSEntry.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/taskdefs/cvslib/RedirectingOutputStream.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/taskdefs/optional/j2ee/WebLogicHotDeploymentTool.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/types/optional/image/Arc.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/input/PropertyFileInputHandler.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/input/PropertyFileInputHandler.java
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/optional/image/Rectangle.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/optional/image/BasicShape.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/j2ee/JonasHotDeploymentTool.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/input/InputRequest.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/filters/BaseFilterReader.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/optional/image/Text.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/facade/ImplementationSpecificArgument.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/optional/image/Text.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/depend/AbstractAnalyzer.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/KeepAliveOutputStream.java

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package org.apache.tools.ant.taskdefs.condition;

import java.io.IOException;
import org.apache.tools.ant.BuildException;
import org.apache.tools.ant.Project;
import org.apache.tools.ant.ProjectComponent;

/**
 * Condition to wait for a TCP/IP socket to have a listener. Its attributes are:
 * server - the name of the server.
 * port - the port number of the socket.
 *
 * @author <a href="mailto:denis@network365.com">Denis Hennessy</a>
 * @since Ant 1.5
 */
public class Socket extends ProjectComponent implements Condition {
    private String server = null;
    private int port = 0;

public void setServer(String server) {
    this.server = server;
}

public void setPort(int port) {
    this.port = port;
}

public boolean eval() throws BuildException {
    if (server == null) {
        throw new BuildException("No server specified in socket ",
            "condition");
    }
    if (port == 0) {
        throw new BuildException("No port specified in socket condition");
    }
    log("Checking for listener at " + server + ":" + port,
        Project.MSG_VERBOSE);
    try {
        new java.net.Socket(server, port);
    } catch (IOException e) {
        return false;
    }
    return true;
}
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package org.apache.tools.ant.taskdefs.optional.javacc;

import java.io.File;
import java.io.IOException;
import java.util.Enumeration;
import java.util.Hashtable;
import org.apache.tools.ant.BuildException;
import org.apache.tools.ant.Project;
import org.apache.tools.ant.Task;
import org.apache.tools.ant.taskdefs.Execute;
import org.apache.tools.ant.taskdefs.LogStreamHandler;
import org.apache.tools.ant.types.Commandline;
import org.apache.tools.ant.types.CommandlineJava;
import org.apache.tools.ant.types.Path;
import org.apache.tools.ant.util.JavaEnvUtils;

/**
 * Runs the JJDoc compiler compiler.
 * 
 * @author Jene Jasper <a href="mailto:jjasper@abz.nl">jjasper@abz.nl</a>
 * @author thomas.haas@softwired-inc.com
 * @author Michael Saunders
 *  <a href="mailto:michael@amtec.com">michael@amtec.com</a>
 */
public class JJDoc extends Task {

    // keys to optional attributes
    private static final String OUTPUT_FILE = "OUTPUT_FILE";
    private static final String TEXT = "TEXT";
    private static final String ONE_TABLE = "ONE_TABLE";

    private final Hashtable optionalAttrs = new Hashtable();

    private String outputFile = null;
    private boolean plainText = false;

    private static final String DEFAULT_SUFFIX_HTML = ".html";
    private static final String DEFAULT_SUFFIX_TEXT = ".txt";

    // required attributes
    private File target = null;
    private File javaccHome = null;

    // keys to optional attributes
    private static final String OUTPUT_FILE = "OUTPUT_FILE";
    private static final String TEXT = "TEXT";
    private static final String ONE_TABLE = "ONE_TABLE";

    private final Hashtable optionalAttrs = new Hashtable();

    private String outputFile = null;
    private boolean plainText = false;

    private static final String DEFAULT_SUFFIX_HTML = ".html";
    private static final String DEFAULT_SUFFIX_TEXT = ".txt";

    // required attributes
    private File target = null;
    private File javaccHome = null;
private CommandlineJava cmdl = new CommandlineJava();

/**
 * Sets the TEXT BNF documentation option.
 */
public void setText(boolean plainText) {
    optionalAttrs.put(TEXT, new Boolean(plainText));
    this.plainText = plainText;
}

/**
 * Sets the ONE_TABLE documentation option.
 */
public void setOnetable(boolean oneTable) {
    optionalAttrs.put(ONE_TABLE, new Boolean(oneTable));
}

/**
 * The outputfile to write the generated BNF documentation file to.
 * If not set, the file is written with the same name as
 * the JavaCC grammar file with a suffix .html or .txt.
 */
public void setOutputfile(String outputFile) {
    this.outputFile = outputFile;
}

/**
 * The javacc grammar file to process.
 */
public void setTarget(File target) {
    this.target = target;
}

/**
 * The directory containing the JavaCC distribution.
 */
public void setJavacchome(File javaccHome) {
    this.javaccHome = javaccHome;
}

public JJDoc() {
    cmdl.setVm(JavaEnvUtils.getJreExecutable("java"));
}

public void execute() throws BuildException {
    // load command line with optional attributes
Enumeration iter = optionalAttrs.keys();
while (iter.hasMoreElements()) {
    String name = (String) iter.nextElement();
    Object value = optionalAttrs.get(name);
    cmdl.createArgument()
        .setValue("-" + name + ":" + value.toString());
}

if (target == null || target.isFile()) {
    throw new BuildException("Invalid target: " + target);
}

if (outputFile != null) {
    cmdl.createArgument().setValue("-" + OUTPUT_FILE + ":" +
        outputFile.replace('\', '/'));
}

// use the directory containing the target as the output directory
File javaFile = new File(createOutputFileName(target, outputFile,
    plainText));

if (javaFile.exists() && target.lastModified() < javaFile.lastModified()) {
    log("Target is already built - skipping " + target + ")",
        Project.MSG_VERBOSE);
    return;
}

cmdl.createArgument().setValue(target.getAbsolutePath());

cmdl.setClassname(JavaCC.getMainClass(javaccHome,
    JavaCC.TASKDEF_TYPE_JJDOC));

final Path classpath = cmdl.createClasspath(getProject());
final File javaccJar = JavaCC.getArchiveFile(javaccHome);
classpath.createPathElement().setPath(javaccJar.getAbsolutePath());
classpath.addJavaRuntime();

final Commandline.Argument arg = cmdl.createVmArgument();
arg.setValue("-mx140M");
arg.setValue("-Dinstall.root=" + javaccHome.getAbsolutePath());

final Execute process =
    new Execute(new LogStreamHandler(this,
        Project.MSG_INFO,
        Project.MSG_INFO),
    null);
log(cmdl.describeCommand(), Project.MSG_VERBOSE);
process.setCommandline(cmdl.getCommandline());

try {
    if (process.execute() != 0) {
        throw new BuildException("JJDoc failed.");
    }
} catch (IOException e) {
    throw new BuildException("Failed to launch JJDoc", e);
}

private String createOutputFileName(File target, String optionalOutputFile,
        boolean plainText) {
    String suffix = DEFAULT_SUFFIX_HTML;
    String javaccFile = target.getAbsolutePath().replace('\', '/');

    if (plainText) {
        suffix = DEFAULT_SUFFIX_TEXT;
    }

    if ((optionalOutputFile == null) || optionalOutputFile.equals("")) {
        int filePos = javaccFile.lastIndexOf('/');
        if (filePos >= 0) {
            javaccFile = javaccFile.substring(filePos + 1);
        }

        int suffixPos = javaccFile.lastIndexOf('.');
        if (suffixPos == -1) {
            optionalOutputFile = javaccFile + suffix;
        } else {
            String currentSuffix = javaccFile.substring(suffixPos);
            if (currentSuffix.equals(suffix)) {
                optionalOutputFile = javaccFile + suffix;
            } else {
                optionalOutputFile = javaccFile.substring(0, suffixPos)
                        + suffix;
            }
        }
    } else {
        optionalOutputFile = optionalOutputFile.replace('\', '/');
    }

    return (getProject().getBaseDir() + '/' + optionalOutputFile)
            .replace('\', '/');
}
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/sitraka/StringUtil.java
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/perforce/P4Edit.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/perforce/P4Submit.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/perforce/SimpleP4OutputHandler.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/perforce/P4Change.java
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package org.apache.tools.ant.taskdefs.optional.net;

import org.apache.commons.net.bsd.RExecClient;

import java.io.IOException;
import java.io.InputStream;
import java.io.OutputStream;
import java.util.Calendar;
import java.util.Enumeration;
import java.util.Vector;
import org.apache.tools.ant.BuildException;
import org.apache.tools.ant.Project;
import org.apache.tools.ant.Task;

/**
 * Automates the rexec protocol.
 *
 * @since Ant 1.6
 */
public class RExecTask extends Task {
/*
 * The userid to login with, if automated login is used
 */
private String userid = null;

/*
 * The password to login with, if automated login is used
 */
private String password = null;

/*
 * The command to execute
 */
private String command = null;

/*
 * The server to connect to.
 */
private String server = null;

/*
 * The tcp port to connect to.
 */
private int port = RExecClient.DEFAULT_PORT;

/*
 * The Object which handles the rexec session.
 */
private AntRExecClient rexec = null;

/*
 * The list of read/write commands for this session
 */
private Vector rexecTasks = new Vector();

/*
 * If true, adds a CR to beginning of login script
 */
private boolean addCarriageReturn = false;

/*
 * Default time allowed for waiting for a valid response
 * for all child reads.  A value of 0 means no limit.
 */
private Integer defaultTimeout = null;
}
* This class is the parent of the Read and Write tasks.
* It handles the common attributes for both.
*/

public class RExecSubTask {
    protected String taskString = "";
    public void execute(AntRExecClient rexec)
        throws BuildException {
        throw new BuildException("Shouldn't be able instantiate a SubTask directly");
    }

    /**
     * the message as nested text
     */
    public void addText(String s) {
        setString(getProject().replaceProperties(s));
    }

    /**
     * the message as an attribute
     */
    public void setString(String s) {
        taskString += s;
    }
}

/**
 * Sends text to the connected server
 */
public class RExecWrite extends RExecSubTask {
    private boolean echoString = true;
    public void execute(AntRExecClient rexec)
        throws BuildException {
        rexec.sendString(taskString, echoString);
    }

    /**
     * Whether or not the message should be echoed to the log.
     * Defaults to <code>true</code>.
     */
    public void setEcho(boolean b) {
        echoString = b;
    }
}

/**
 * Reads the output from the connected server
 * until the required string is found or we time out.
 */
public class RExecRead extends RExecSubTask {
    private Integer timeout = null;
    public void execute(AntRExecClient rexec) throws BuildException {
        rexec.waitForString(taskString, timeout);
    }
    /**
     * a timeout value that overrides any task wide timeout.
     */
    public void setTimeout(Integer i) {
        this.timeout = i;
    }
    /**
     * Sets the default timeout if none has been set already
     * @ant.attribute ignore="true"
     */
    public void setDefaultTimeout(Integer defaultTimeout) {
        if (timeout == null) {
            timeout = defaultTimeout;
        }
    }
}

/**
 * This class handles the abstraction of the rexec protocol.
 * Currently it is a wrapper around <a href="http://jakarta.apache.org/commons/net/index.html">Jakarta Commons Net</a>.
 */
public class AntRExecClient extends RExecClient {
    /**
     * Read from the rexec session until the string we are
     * waiting for is found
     * @param s The string to wait on
     */
    public void waitForString(String s) {
        waitForString(s, null);
    }
    /**
     * Read from the rexec session until the string we are
     * waiting for is found or the timeout has been reached
     * @param s The string to wait on
     * @param timeout The maximum number of seconds to wait
     */
    public void waitForString(String s, Integer timeout) {
        InputStream is = this.getInputStream();
        waitUntilStringFound(is, s, timeout);
    }
}
try {
    StringBuffer sb = new StringBuffer();
    if (timeout == null || timeout.intValue() == 0) {
        while (sb.toString().indexOf(s) == -1) {
            sb.append((char) is.read());
        }
    } else {
        Calendar endTime = Calendar.getInstance();
        endTime.add(Calendar.SECOND, timeout.intValue());
        while (sb.toString().indexOf(s) == -1) {
            while (Calendar.getInstance().before(endTime)
                 && is.available() == 0) {
                Thread.sleep(250);
            }
            if (is.available() == 0) {
                throw new BuildException(
                    "Response timed-out waiting for \"" + s + \\"",
                    getLocation());
            }
            sb.append((char) is.read());
        }
        log(sb.toString(), Project.MSG_INFO);
    }
}

/**
 * Write this string to the rexec session.
 * @param echoString  Logs string sent
 */
public void sendString(String s, boolean echoString) {
    OutputStream os = this.getOutputStream();
    try {
        os.write((s + "\n").getBytes());
        if (echoString) {
            log(s, Project.MSG_INFO);
        }
        os.flush();
    } catch (Exception e) {
        throw new BuildException(e, getLocation());
    }
}

/**
 * Read from the rexec session until the EOF is found or
* the timeout has been reached
* @param timeout The maximum number of seconds to wait
 */

public void waitForEOF(Integer timeout) {
    InputStream is = this.getInputStream();
    try {
        StringBuffer sb = new StringBuffer();
        if (timeout == null || timeout.intValue() == 0) {
            int read;
            while ((read = is.read()) != -1) {
                char c = (char) read;
                sb.append(c);
                if (c == 'n') {
                    log(sb.toString(), Project.MSG_INFO);
                    sb.delete(0, sb.length());
                }
            }
        } else {
            Calendar endTime = Calendar.getInstance();
            endTime.add(Calendar.SECOND, timeout.intValue());
            int read = 0;
            while (read != -1) {
                while (Calendar.getInstance().before(endTime) && is.available() == 0) {
                    Thread.sleep(250);
                }
                if (is.available() == 0) {
                    log(sb.toString(), Project.MSG_INFO);
                    throw new BuildException(
                        "Response timed-out waiting for EOF",
                        getLocation());
                }
                read = is.read();
                if (read != -1) {
                    char c = (char) read;
                    sb.append(c);
                    if (c == 'a') {
                        log(sb.toString(), Project.MSG_INFO);
                        sb.delete(0, sb.length());
                    }
                }
            }
        }
    } catch (BuildException be) {
        throw be;
    } catch (Exception e) {
        log(e.getMessage(), Project.MSG_INFO);
    }
}
public RExecSubTask createRead() {
    RExecSubTask task = (RExecSubTask) new RExecRead();
    rexecTasks.addElement(task);
    return task;
}

public RExecSubTask createWrite() {
    RExecSubTask task = (RExecSubTask) new RExecWrite();
    rexecTasks.addElement(task);
    return task;
}

public void execute() throws BuildException {
    /**  A server name is required to continue */
    if (server == null) {
        throw new BuildException("No Server Specified");
    }
    /**  A userid and password must appear together
     *  if they appear.  They are not required. */
    if (userid == null && password != null) {
        throw new BuildException("No Userid Specified");
    }
    if (password == null && userid != null) {
        throw new BuildException("No Password Specified");
    }
    /**  Create the telnet client object */
    rexec = new AntRExecClient();
}
try {
    rexec.connect(server, port);
} catch (IOException e) {
    throw new BuildException("Can't connect to " + server);
}

/** Login if userid and password were specified */
if (userid != null && password != null) {
    login();
}

/** Process each sub command */
Enumeration tasksToRun = rexecTasks.elements();
while (tasksToRun != null && tasksToRun.hasMoreElements()) {
    RExecSubTask task = (RExecSubTask) tasksToRun.nextElement();
    if (task instanceof RExecRead && defaultTimeout != null) {
        ((RExecRead) task).setDefaultTimeout(defaultTimeout);
    }
    task.execute(rexec);
}

/** Keep reading input stream until end of it or time-out */
reexec.waitForEOF(defaultTimeout);

/**
* Process a 'typical' login. If it differs, use the read
* and write tasks explicitely
*/
private void login() {
    if (addCarriageReturn) {
        rexec.sendString("\n", true);
    }
    reexec.waitForString("login:");
    reexec.sendString(userid, true);
    reexec.waitForString("password:");
    reexec.sendString(password, false);
}

/**
* Set the the command to execute on the server;
*/
public void setCommand(String c) { this.command = c; }

/**
* send a carriage return after connecting; optional, defaults to false.
*/
public void setInitialCR(boolean b) {
    this.addCarriageReturn = b;
}

/**
* Set the the login password to use
* required if <tt>userid</tt> is set.
public void setPassword(String p) { this.password = p; }
/**
 * Set the tcp port to connect to; default is 23.
 */
public void setPort(int p) { this.port = p; }
/**
 * Set the hostname or address of the remote server.
 */
public void setServer(String m) { this.server = m; }
/**
 * set a default timeout in seconds to wait for a response,
 * zero means forever (the default)
 */
public void setTimeout(Integer i) {
    this.defaultTimeout = i;
}
/**
 * Set the the login id to use on the server;
 * required if <tt>password</tt> is set.
 */
public void setUserid(String u) { this.userid = u; }
}

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jar/main/org/apache/tools/ant/util/FlatFileNameMapper.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/util/IdentityMapper.java
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A class to help send SMTP email.

This class is an improvement on the sun.net.smtp.SmtpClient class found in the JDK. This version has extra functionality, and can be used with JVMs that did not extend from the JDK. It's not as robust as the JavaMail Standard Extension classes, but it's easier to use and easier to install, and has an Open Source license.

It can be used like this:

```
String mailhost = "localhost";  // or another mail host
String from = "Mail Message Servlet &lt;MailMessage@server.com&gt;";
String to = "to@you.com";
String cc1 = "cc1@you.com";
String cc2 = "cc2@you.com";
String bcc = "bcc@you.com";

MailMessage msg = new MailMessage(mailhost);
msg.setPort(25);
msg.from(from);
msg.to(to);
```
* msg.cc(cc1);
* msg.cc(cc2);
* msg.bcc(bcc);
* msg.setSubject("Test subject");
* PrintStream out = msg.getPrintStream();
* &nbsp;
* Enumeration enum = req.getParameterNames();
* while (enum.hasMoreElements()) {
*   String name = (String)enum.nextElement();
*   String value = req.getParameter(name);
*   out.println(name + " = " + value);
* }
* &nbsp;
* msg.sendAndClose();
* </pre></blockquote>
*  
* Be sure to set the from address, then set the recipient
* addresses, then set the subject and other headers, then get the
* PrintStream, then write the message, and finally send and close.
* The class does minimal error checking internally; it counts on the mail
* host to complain if there's any malformed input or out of order
* execution.
*  
* An attachment mechanism based on RFC 1521 could be implemented on top of
* this class. In the meanwhile, JavaMail is the best solution for sending
* email with attachments.
*  
* Still to do:
*  
*  
* @author Jason Hunter
* @version 1.1, 2000/03/19, added angle brackets to address, helps some servers
* version 1.0, 1999/12/29
*/

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  jar/main/org/apache/tools/ant/taskdefs/optional/sound/SoundTask.java
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  jar/main/org/apache/tools/ant/taskdefs/optional/sound/AntSoundPlayer.java
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  jar/main/org/apache/tools/ant/taskdefs/optional/sound/constantpool/Utf8CPInfo.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/taskdefs/optional/ejb/WLRun.java
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/typesselectors/modifiedselector/Algorithm.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/types selectors/modifiedselector/HashvalueAlgorithm.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/types/ResourceFactory.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/types/PropertySet.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/sitraka/CovBase.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/sitraka/KeepAliveInputStream.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/antutil/UnPackageNameMapper.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/antutil/LazyFileOutputStream.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/antutil/ResourceUtils.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/antutil/KeepAliveInputStream.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/antutil/PreSetDef.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/antutil/ResourceUtils.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/vss/MSVSSConstants.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/ssh/SSHUserInfo.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/ssh/SSHUserInf.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/ssh/SSHUserInf.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/ssh/SSHUserInf.java
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/vss/MSVSSCP.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/condition/FilesMatch.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/unix/AbstractAccessTask.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/types/optional/image/Scale.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/extension/resolvers/Ant Resolver.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/ant/types/selectors/SelectorUtils.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/types/selectors/DependSelector.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/types/selectors/BaseSelector.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/types/selectors/BaseSelectorContainer.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/extension/ExtensionUtil.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/types/selectors/ExtendSelector.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources.jar/main/org/apache/tools/ant/taskdefs/optional/splash/SplashScreen.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional.ejb/JonasDeploymentTool.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/optional/image/Draw.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/filters/LineContains.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/Parameterizable.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/condition/Contains.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/filters/StripJavaComments.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/TimeoutObserver.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/starteam/StarTeamList.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/filters/TailFilter.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/EchoProperties.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/vss/MSVSSADD.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/Diagnostics.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/sos/SOSCheckin.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/selectors/SelectSelector.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/vss/MSVSSCREATE.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/input/DefaultInputHandler.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/unix/Symlink.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional/sos/SOSLabel.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/XMLCatalog.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/cvslib/ChangeLogParser.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/LoadProperties.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/types/selectors/PresentSelector.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/condition/IsTrue.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/email/Message.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/starteam/StarTeamCheckin.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/extension/Extension.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/Concat.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/cvslib/CvsUser.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/j2ee/ServerDeploy.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/unix/Chown.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/util/CollectionUtils.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/taskdefs/optional/extension/ExtensionAdapter.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/filters/util/ChainReaderHelper.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/types/selectors/SizeSelector.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/types/selectors/DateSelector.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/types/selectors/FilenameSelector.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
jar/main/org/apache/tools/ant/types/selectors/FileSelector.java

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*/
/**
 * Compares the current Java version to the passed in String -
 * assumes the argument is one of the constants defined in this
 * class.
 * @return true if the version of Java is the same as the given
 * version.
 * @since Ant 1.5
 */
Found in path(s):
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/JavaEnvUtils.java
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  jar/main/org/apache/tools/ant/taskdefs/optional/perforce/P4Counter.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/taskdefs/optional/perforce/P4Add.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/taskdefs/optional/perforce/P4Reopen.java
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-
  jar/main/org/apache/tools/ant/taskdefs/optional/perforce/P4Revert.java
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/*
**
** This class implements a security manager meant for useage by tasks that run inside the ant VM. An examples are the Java Task and JUnitTask.
**
** The basic functionality is that nothing (except for a base set of permissions) is allowed, unless the permission is granted either explicitly or implicitly.
** If an permission is granted this can be overruled by explicitly revoking the permission.
**
** It is not permissible to add permissions (either granted or revoked) while the Security Manager is active (after calling setSecurityManager() but before calling restoreSecurityManager()).
**
** @since Ant 1.6
** @author <a href="mailto:martijn@kruithof.xs4all.nl">Martijn Kruithof</a>
*/
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import java.io.File;
import java.util.Hashtable;
import org.apache.tools.ant.Project;

/**
 * The deployment tool to add the jboss specific deployment descriptor to the ejb jar file.
 * Jboss only requires one additional file jboss.xml and does not require any additional
 * compilation.
 *
 * @author <a href="mailto:p.austin@talk21.com">Paul Austin</a>
 * @version 1.0
 * @see EjbJar#createJboss
 */
public class JbossDeploymentTool extends GenericDeploymentTool {
    protected static final String JBOSS_DD = "jboss.xml";
    protected static final String JBOSS_CMPD = "jaws.xml";

    /** Instance variable that stores the suffix for the jboss jarfile. */
    private String jarSuffix = ".jar";

    /**
     * Setter used to store the suffix for the generated JBoss jar file.
     * @param inString the string to use as the suffix.
     */
    public void setSuffix(String inString) {
        jarSuffix = inString;
    }

    /**
     * Add any vendor specific files which should be included in the
     * EJB Jar.
     */
    protected void addVendorFiles(Hashtable ejbFiles, String ddPrefix) {
        File jbossDD = new File(getConfig().descriptorDir, ddPrefix + JBOSS_DD);
        if (jbossDD.exists()) {
            ejbFiles.put(META_DIR + JBOSS_DD, jbossDD);
        }
    }
}
} else {
    log("Unable to locate jboss deployment descriptor. It was expected to be in " + jbossDD.getPath(), Project.MSG_WARN);
    return;
}

File jbossCMPD = new File(getConfig().descriptorDir, ddPrefix + JBOSS_CMPD);
if (jbossCMPD.exists()) {
    ejbFiles.put(META_DIR + JBOSS_CMPD, jbossCMPD);  
}

/**
* Get the vendor specific name of the Jar that will be output. The modification date
* of this jar will be checked against the dependent bean classes.
*/
File getVendorOutputJarFile(String baseName) {
    return new File(getDestDir(), baseName + jarSuffix);
}

Found in path(s):
* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/taskdefs/optional.ejb/JbossDeploymentTool.java.orig
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* /opt/cola/permits/1001477273_1646171663.43/0/ant-1-6-sources-jar/main/org/apache/tools/ant/util/GlobPatternMapper.java
1.1941 c-ares 1.12.1-DEV

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* /opt/cola/permits/1000764943_1646171502.39/0/jstl-1-1-2-sources.jar/javax/servlet/jsp/jstl/sql/ResultSupport.java

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jar/org/jboss/invocation/proxy/classloading/package-info.java
1.1944 scala-reflect 2.12.10

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1.1945 gnome-session 3.28.1-8.el7

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* Abstract the invocation of a cache operation.
*
* <p>Does not provide a way to transmit checked exceptions but
* provide a special exception that should be used to wrap any
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* Callers are expected to handle this issue type specifically.
*
* @author Stephane Nicoll
* @since 4.1
*/

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  jar/org/springframework/cache/interceptor/CacheOperationInvoker.java

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  jar/org/springframework/remoting/support/RemoteInvocationFactory.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2-
  jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2-
  jar/org/springframework/jmx/export/metadata/AbstractJmxAttribute.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2-
  jar/org/springframework/jmx/export/metadata/ManagedOperationParameter.java
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* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2.jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2.jar/org/springframework/context/ApplicationContext.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2.jar/org/springframework/format/AnnotationFormatterFactory.java
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* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2.jar/org/springframework/cache/interceptor/BasicOperation.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2.jar/org/springframework/validation/beanvalidation/MessageSourceResourceBundleLocator.java

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jar/org/springframework/context/annotation/Role.java  
*/opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2-
jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java  
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jar/org/springframework/context/annotation/ComponentScans.java  
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jar/org/springframework/context/annotation/ImportResource.java  
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jar/org/springframework/format/datetime/joda/YearMonthFormatter.java  
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jar/org/springframework/context/PayloadApplicationEvent.java
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jar/org/springframework/jmx/export/annotation/ManagedResource.java
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jar/org/springframework/scripting/config/LangNamespaceHandler.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2-
jar/org/springframework/scripting/event/EventListenerFactory.java
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jar/org/springframework/jmx/export/annotation/ManagedOperation.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2-
jar/org/springframework/cache/annotation/CacheConfig.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2-
jar/org/springframework/scripting/support/StandardScriptEvalException.java
* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2-
jar/org/springframework/format/number/money/CurrencyUnitFormatter.java
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jar/org/springframework/jmx/export/annotation/ManagedAttribute.java
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jar/org/springframework/scheduling/support/CronTrigger.java
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jar/org/springframework/jmx/export/annotation/ManagedOperationParameter.java
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jar/org/springframework/jmx/export/annotation/ManagedMetric.java
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jar/org/springframework/validation/beanvalidation/SpringConstraintValidatorFactory.java
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jar/org/springframework/remoting/RemoteTimeoutException.java

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 * @link FactoryBean that obtains a WebSphere [javax.management.MBeanServer]
 * reference through WebSphere's proprietary [AdminServiceFactory] API,
 * available on WebSphere 5.1 and higher.
 * <p>Exposes the [MBeanServer] for bean references.
 * This [FactoryBean] is a direct alternative to [MBeanServerFactoryBean],
 * which uses standard JMX 1.2 API to access the platform's [MBeanServer].
 * <p>See the javadocs for WebSphere's
 * and
 * @author Juergen Hoeller
 * @author Rob Harrop
 * @since 2.0.3
 * @see javax.management.MBeanServer
 * @see MBeanServerFactoryBean
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* /opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2.jar/org/springframework/scheduling/concurrent/ThreadPoolExecutorFactoryBean.java
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*/opt/cola/permits/1141988970_1615255817.33/0/spring-context-5-2-2-release-sources-2-
jar/org/springframework/scheduling/concurrent/CustomizableThreadFactory.java
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 */
/**
 * Indicates that a component is only eligible for registration when all
A *condition* is any state that can be determined programmatically before the bean definition is due to be registered (see [@link Condition] for details).

The [@code @Conditional] annotation may be used in any of the following ways:

- as a type-level annotation on any class directly or indirectly annotated with [@code @Component], including [@link Configuration @Configuration] classes
- as a meta-annotation, for the purpose of composing custom stereotype annotations
- as a method-level annotation on any [@link Bean @Bean] method

If a [@code @Configuration] class is marked with [@code @Conditional], all of the [@code @Bean] methods, [@link Import @Import] annotations, and [@link ComponentScan @ComponentScan] annotations associated with that class will be subject to the conditions.

**NOTE**: Inheritance of [@code @Conditional] annotations is not supported; any conditions from superclasses or from overridden methods will not be considered. In order to enforce these semantics, [@code @Conditional] itself is not declared as [@link java.lang.annotation.Inherited @Inherited]; furthermore, any custom *composed annotation* that is meta-annotated with [@code @Conditional] must not be declared as [@code @Inherited].

@since 4.0

@see Condition

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.
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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

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* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/CompoundExpression.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/ValueRef.java
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* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/spel/ast/ConstructorReference.java
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* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/spel/ast/AstUtils.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/spel/support/StandardTypeConverter.java
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* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/Operation.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/spel/ast/LongLiteral.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/spel/standard/InternalSpelExpressionParser.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/common/TemplateAwareExpressionParser.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/BeanResolver.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/spel/ast/Elvis.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-jar/org/springframework/expression/spel/ast/OperatorInstanceof.java
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  jar/org/springframework/expression/MethodResolver.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/ConstructorExecutor.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/common/TemplateParserContext.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/MethodExecutor.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/ExpressionInvocationTargetException.java

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  jar/org/springframework/expression/ExpressionParser.java

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  jar/org/springframework/expression/spel/CompilablePropertyAccessor.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/OperatorPower.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/OperatorBetween.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/spel/standard/SpelExpressionParser.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/spel/SpelCompilerMode.java
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  jar/org/springframework/expression/spel/ast/Literal.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/spel/TypeComparator.java
* /opt/cola/permits/1135936070_1613638981.32/0/spring-expression-5-1-6-release-sources-2-
  jar/org/springframework/expression/spel/ast/OpNE.java
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  * Optimize BLAS3 on Intel Sandy Bridge.

* Werner Saar <wernsaar@googlemail.com>
  * [2013-03-04] Optimize AVX and FMA4 DGEMM on AMD Bulldozer
  * [2013-04-27] Optimize AVX and FMA4 TRSM on AMD Bulldozer
  * [2013-06-09] Optimize AVX and FMA4 SGEMM on AMD Bulldozer
  * [2013-06-11] Optimize AVX and FMA4 ZGEMM on AMD Bulldozer
  * [2013-06-12] Optimize AVX and FMA4 CGEMM on AMD Bulldozer
  * [2013-06-16] Optimize dgemv_n kernel on AMD Bulldozer
  * [2013-06-20] Optimize ddot, daxpy kernel on AMD Bulldozer
  * [2013-06-21] Optimize dcopy kernel on AMD Bulldozer
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* Optimization on AMD Piledriver
* Optimization on Intel Haswell

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  * Build LAPACKE: C interface to LAPACK
  * Improve the windows build.

* Chen Shaohu <huhumartinwar@gmail.com>
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* Luo Wen
  * Intern. Test Level-2 BLAS.

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* Stefan Karpinski <stefan@karpinski.org>
  * [2011-12-28] Fix a bug about SystemStubs on Mac OS X.

* Alexander Eberspcher <https://github.com/aeberspaecher>
  * [2012-05-02] Add note on patch for segfaults on Linux kernel 2.6.32.

* Mike Nolta <mike@nolta.net>
  * [2012-05-19] Fix building bug on FreeBSD and NetBSD.

* Sylvestre Ledru <https://github.com/sylvestre>
  * [2012-07-01] Improve the detection of sparc. Fix building bug under Hurd and kfreebsd.

* Jameson Nash <https://github.com/vtjnash>
  * [2012-08-20] Provide support for passing CFLAGS, FFLAGS, PFLAGS, FPFLAGS to make on the command line.

* Alexander Nasonov <alnsn@yandex.ru>

* Sbastien Villemot <sebastien@debian.org>
  * [2012-11-14] Fix compilation with TARGET=GENERIC. Patch applied to Debian package.
  * [2013-08-28] Avoid failure on qemu guests declaring an Athlon CPU without 3dnow!
* Kang-Che Sung <Explorer09@gmail.com>

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* grisuthedragon <https://github.com/grisuthedragon>
  * [2013-07-11] create openblas_get_parallel to retrieve information which parallelization model is used by OpenBLAS.

* Elliot Saba <staticfloat@gmail.com>
  * [2013-07-22] Add in return value for `interface/trtri.c`’

* Sbastien Fabbro <bicatali@gentoo.org>
  * [2013-07-24] Modify makefile to respect user’s LDFLAGS
  * [2013-07-24] Add stack markings for GNU as arch-independent for assembler files

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  * [2013-08-21] Patch LAPACK XLASD4.f as discussed in JuliaLang/julia#2340

* Lars Buitinck <https://github.com/larsmans>
  * [2013-08-28] get rid of the generated cblas_noconst.h file
  * [2013-08-28] Missing threshold in gemm.c
  * [2013-08-28] fix default prefix handling in makefiles

* yieldthought <https://github.com/yieldthought>
  * [2013-10-08] Remove -Wl,--retain-symbols-file from dynamic link line to fix tool support

* Keno Fischer <https://github.com/loladiro>
  * [2013-10-23] Use FC instead of CC to link the dynamic library on OS X

* Christopher Meng <cickumqt@gmail.com>
  * [2013-12-09] Add DESTDIR support for easier building on RPM based distros.
    Use install command instead of cp to install files with permissions control.

* Lucas Beyer <lucasb.eyer.be@gmail.com>
  * [2013-12-10] Added support for NO_SHARED in make install.

* carlkl <https://github.com/carlkl>
  * [2013-12-13] Fixed LAPACKE building bug on Windows

* Isaac Dunham <https://github.com/idunham>
* [2014-08-03] Fixed link error on Linux/musl

* Dave Nuechterlein
* [2014-10-10] trmm and sgemm kernels (optimized for APM's X-Gene 1).
  ARMv8 support.

* Jerome Robert <jeromerobert@gmx.com>
* [2015-01-01] Speed-up small `ger` and `gemv` using stack allocation (bug #478)
* [2015-12-23] `stack_check` in `gemv.c` (bug #722)
* [2015-12-28] Allow to force the number of parallel make job
* [2015-12-28] Fix detection of AMD E2-3200 detection
* [2015-12-31] Let `make MAX_STACK_ALLOC=0` do what expected
* [2016-01-19] Disable multi-threading in `ger` and `swap` for small matrices (bug #731)
* [2016-01-24] Use `GEMM_MULTITHREAD_THRESHOLD` as a number of ops (bug #742)
* [2016-01-26] Let `openblas_get_num_threads` return the number of active threads (bug #760)
* [2016-01-30] Speed-up small `zger`, `zgemv`, `ztrmv` using stack allocation (bug #727)

* Dan Kortschak
* [2015-01-07] Added test for drotmg bug #484.

* Ton van den Heuvel <https://github.com/ton>
* [2015-03-18] Fix race condition during shutdown causing a crash in gotoblas_set_affinity().

* Martin Koehler <https://github.com/grisuthedragon/>
* [2015-09-07] Improved imatcopy

* Ashwin Sekhar T K <https://github.com/ashwinyes/>
* [2015-11-09] Assembly kernels for Cortex-A57 (ARMv8)
* [2015-11-20] lapack-test fixes for Cortex-A57
* [2016-03-14] Additional functional Assembly Kernels for Cortex-A57
* [2016-03-14] Optimize Dgemm 4x4 for Cortex-A57

* theoractice <https://github.com/theoractice/>
* [2016-03-20] Fix compiler error in VisualStudio with CMake
* [2016-03-22] Fix access violation on Windows while static linking

* Paul Mustire <https://github.com/buffer51/>
* [2016-02-04] Fix Android build on ARMV7
* [2016-04-26] Android build with LAPACK for ARMV7 & ARMV8

* Shivraj Patil <https://github.com/sva-img/>
* [2016-05-03] DGEMM optimization for MIPS P5600 and I6400 using MSA

* Kaustubh Raste <https://github.com/ksraste/>
* [2016-05-09] DTRSM optimization for MIPS P5600 and I6400 using MSA
* [2016-05-20] STRSM optimization for MIPS P5600 and I6400 using MSA

* Abdelrauf <https://github.com/quickwritereader>
* [2017-01-01] dgemm and dttrmm kernels for IBM z13
* [2017-02-26] zttrmm kernel for IBM z13
* [2017-03-13] strmm and ctrmm kernel for IBM z13
* [2017-09-01] initial Blas Level-1,2 (double precision) for IBM z13
* [2018-03-07] added missing Blas Level 1-2 (double precision) simd codes
* [2019-02-01] added missing Blas Level-1,2 (single precision) simd codes
* [2019-03-14] power9 dgemm/dttrmm kernel
* [2019-04-29] power9 sgemm/strmm kernel

* Jiachen Wang <https://github.com/wjc404>
  * [2017-01-01] dgemm and dttrmm kernels for IBM z13
  * [2017-02-26] zttrmm kernel for IBM z13
  * [2017-03-13] strmm and ctrmm kernel for IBM z13
  * [2017-09-01] initial Blas Level-1,2 (double precision) for IBM z13
  * [2018-03-07] added missing Blas Level 1-2 (double precision) simd codes
  * [2019-02-01] added missing Blas Level-1,2 (single precision) simd codes
  * [2019-03-14] power9 dgemm/dttrmm kernel
  * [2019-04-29] power9 sgemm/strmm kernel

* [2019-07-29] optimize AVX2 DGEMM
* [2019-10-20] AVX512 DGEMM kernel (4x8)
* [2019-11-06] optimize AVX512 SGEMM
* [2019-11-12] AVX512 CGEMM & ZGEMM kernels
* [2019-12-23] optimize AVX2 CGEMM and ZGEMM
* [2019-12-30] AVX2 CGEMM3M & ZGEMM3M kernels
* [2020-01-07] optimize AVX2 SGEMM and STRMM

* Rajalakshmi Srinivasaraghavan <https://github.com/RajalakshmiSR>

* Marius Hillenbrand <https://github.com/mhillenibm>
  * [2020-05-12] Revise dynamic architecture detection for IBM z
  * [2020-05-12] Add new sgemm and strmm kernel for IBM z14
  * [2020-09-07] Fix builds with clang on IBM z, including dynamic architecture support

* Danfeng Zhang <https://github.com/craft-zhang>
  * [2020-05-20] Improve performance of SGEMM and STRMM on Arm Cortex-A53

* PingTouGe Semiconductor Co., Ltd.
  * [2020-10] Add RISC-V Vector (0.7.1) support. Optimize BLAS kernels for Xuantie C910

* River Dillon <oss@outerpassage.net>
  * [2021-07-10] fix compilation with musl libc

* Bine Brank <https://github.com/binebrank>
  * [2021-10-27] Add vector-length-agnostic DGEMM kernels for Arm SVE
  * [2021-11-20] Vector-length-agnostic Arm SVE copy routines for DGEMM, DTRMM, DSYMM
  * [2022-01-06] SVE kernels for CGEMM, ZGEMM, CTRMM, ZTRMM and corresponding SVE copy functions
  * [2022-01-18] SVE kernels and copy functions for TRSM

* Ilya Kurdyukov <https://github.com/ilyakurdyukov>
  * [2021-02-21] Add basic support for the Elbrus E2000 architecture

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  jar/com/google/common/base/SmallCharMatcher.java

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 * This method was rewritten in Java from an intermediate step of the Murmur hash function in
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*/

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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/eventbus/SubscriberRegistry.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/TrustedListenableFutureTask.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/ListenerCallQueue.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/base/MoreObjects.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/hash/Crc32cHashFunction.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/hash/MessageDigestHashFunction.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/RegularImmutableMultiset.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/EmptyContiguousSet.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/hash/BloomFilterStrategies.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/AbstractSortedMultiset.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/TreeRangeSet.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/hash/Funnels.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/AbstractStreamingHashFunction.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/hash/PrimitiveSink.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/Queues.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/hash/Hashing.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/BoundType.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/Murmur3_128HashFunction.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/hash/Hasher.java
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  jar/com/google/common/collect/SortedMultisets.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-
  jar/com/google/common/collect/SortedMultiset.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/AbstractBiMap.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/ReverseNaturalOrdering.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/Constraints.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/ClassToInstanceMap.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/base/Supplier.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/ForwardingListIterator.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/InputSupplier.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/ComparatorOrdering.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/HashMultiset.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/ReverseNaturalOrdering.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/ClassToInstanceMap.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collection/NullsLastOrdering.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/base/Supplier.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/ForwardingListIterator.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/InputSupplier.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/HashMultiset.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/AbstractSortedSetMultimap.java
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jar/com/google/common/collect/ComputingConcurrentHashMap.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-
jar/com/google/common/collect/ContiguousSet.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-
jar/com/google/common/collect/SortedLists.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/base/Preconditions.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/FilteredMultimapValues.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/SettableFuture.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/net/UrlEscapers.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/Service.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/AbstractIdleService.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/SingletonImmutableTable.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/RegularImmutableSortedSet.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/xml/XmlEscapers.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/primitives/SignedBytes.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/ImmutableClassToInstanceMap.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/base/Utf8.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/base/Verify.java
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jar/com/google/common/collect/ComputationException.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19.0-sources-5-jar/com/google/common/escape/Escapers.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19.0-sources-5-jar/com/google/common/collect/DiscreteDomain.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19.0-sources-5-jar/com/google/common/collect/ArrayTable.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/Cut.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/collect/SparseImmutableTable.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/io/CharMatcher.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/io/MultiReader.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/io/CharMatcher.java
* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/base/CharMatcher.java
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* /opt/cola/permits/1150909099_1617718347.03/0/guava-19-0-sources-5-jar/com/google/common/io/BaseEncoding.java
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1.1980 jansi-native 1.7

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1.1993 jabx-core 2.3.0

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analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
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SLF4J library (slf4j-api-*.jar)

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The following artifacts are EPL.
* org.eclipse.jetty.orbit.org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbitjavax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbitjavax.mail.glassfish

------
Oracle
The following artifacts are CDDL + GPLv2 with classpath exception. https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

------

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions. http://openjdk.java.net/legal/gplv2+ce.html

------

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

------

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

------

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.
org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

-----
Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.1998 hibernate-search-engine 5.10.3.Final
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1.1999 jopt-simple 5.0.3
1.1999.1 Available under license:

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*/

Found in path(s):
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/SimpleOptionNameMap.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionSpec.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/InetAddressConverter.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Reflection.java
* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/RequiredArgumentOptionSpec.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/IllegalOptionSpecificationException.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Messages.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionParser.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionSpecTokenizer.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/optionMissingRequiredArgumentException.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Classes.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/ReflectionException.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/ConstructorInvokingValueConverter.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/MethodInvokingValueConverter.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/AlternativeLongOptionSpec.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/OptionNameMap.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/DateConverter.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionDescriptor.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/AbstractOptionSpec.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionalArgumentOptionSpec.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/UnconfiguredOptionException.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/BuiltinHelpFormatter.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/AbbreviationMap.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Raws.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/MultipleArgumentsForOptionException.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/ValueConversionException.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/NonOptionArgumentSpec.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionException.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionArgumentConversionException.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/HelpFormatter.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/OptionParserState.java
* /opt/cola/permissions/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/internal/Row.java
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* /opt/cola/permits/1000760427_1646171560.45/0/jopt-simple-5-0-3-sources-jar/joptsimple/util/EnumConverter.java
1.2000 libssh2 1.8.0-4.el7

1.2000.1 Available under license:

/* Copyright (c) 2004-2007 Sara Golemon <sarag@libssh2.org>
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 */
1.2001 spring-boot-starter-logging

2.2.2.RELEASE

1.2001.1 Available under license:
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1.2002 x-crypto 1.13

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  analysis/common/src/resources/org/apache/lucene/analysis/bn/stopwords.txt

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created by Jacques Savoy and
Ljiljana Dolamic. These files reside in:
  analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
  analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
  analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
  analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java
  analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java
  analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
  analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
  analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
  analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
  analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

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in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt.
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/* nicstar.c  v0.22  Jawaid Bazyar (bazyar@hypermall.com)
   * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
   *
   * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
   * http://www.hypermall.com/
   * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
   * interrupts us (except possibly for removal/insertion of the cable?)
   * 10/4/97 - began heavy inline documentation of the code. Corrected typos
   * and spelling mistakes.
   * 10/5/97 - added code to handle PHY interrupts, disable PHY on
   * loss of link, and correctly re-enable PHY when link is
*re-established. (put back CFG_PHYIE)
*
* Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
*
* R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
*
* Linux driver for the IDT77201 NICStAR PCI ATM controller.
* PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
* see init_nicstar() for PHY initialization to change this. This driver
* expects the Linux ATM stack to support scatter-gather lists
* (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
*
* Implementing minimal-copy of received data:
* IDT always receives data into a small buffer, then large buffers
* as needed. This means that data must always be copied to create
* the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
* Fix is simple: make large buffers large enough to hold entire
* SDU, and leave <small_buffer_data> bytes empty at the start. Then
* copy small buffer contents to head of large buffer.
* Trick is to avoid fragmenting Linux, due to need for a lot of large
* buffers. This is done by 2 things:
* 1) skb->destructor / skb->atm.recycle_buffer
* combined, allow nicstar_free_rx_skb to be called to
* recycle large data buffers
* 2) skb_clone of received buffers
* See nicstar_free_rx_skb and linearize_buffer for implementation
* details.
*
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*
* M. Welsh, 6 July 1996
*
* *
*/

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for the initial saa7146 driver and its recent overhaul

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for his contributions to the dvb-net driver

Diego Picciani <d.picciani@novacomp.it>
for CyberLogin for Linux which allows logging onto EON
(in case you are wondering where CyberLogin is, EON changed its login
procedure and CyberLogin is no longer used.)

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Jean-Francois Thibert <jeanfrancois@sagetv.com>
for the nxt2004 frontend driver

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for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.

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1.2026 centos-release-virt-common 1-
1.el7.centos
1.2026.1 Available under license :

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Summary: Common release file to establish shared metadata for CentOS Virt SIG
Name: centos-release-virt-common
Epoch: 0
Version: 1
Release: 1% {?dist}
License: GPL
Group: System Environment/Base
Source0: RPM-GPG-KEY-CentOS-SIG-Virtualization
URL: http://wiki.centos.org/SpecialInterestGroup/Virtualization
BuildArch: noarch

Provides: centos-release-virt-common
Requires: centos-release

BuildRoot: %{_topdir}/%{name}-root

%description
Common files needed by other centos-release components in the Virtualization SIG

%prep
%setup -q -n %{name} -T -c

%install
rm -rf $RPM_BUILD_ROOT
mkdir -p $RPM_BUILD_ROOT/etc/pki/rpm-gpg/
install -m 644 %SOURCE0 $RPM_BUILD_ROOT/etc/pki/rpm-gpg/

%clean
rm -rf $RPM_BUILD_ROOT

%files
%defattr(-,root,root)
/etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-SIG-Virtualization

%changelog
* Thu Sep 3 2015 Karanbir Singh <kbsingh@centos.org> - 1-1
- Basic setup with the gpg key

Found in path(s):
* /opt/cola/permits/1004217618_1646171704.27/0/centos-release-virt-common-1-1.el7.centos.src.rpm-cosi-expand-archive-4zQHotUb/centos-release-virt-common.spec

1.2027 resteasy-spring 3.6.1.Final
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1.2028 spring-jcl 5.2.10.RELEASE

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* /opt/cola/permits/1135892758_1613626669.1/0/spring-jcl-5-2-10-release-sources-
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1.2029 spring-test 3.0.0.RELEASE

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* /opt/cola/permits/1148131280_1646350026.7/0/spring-test-3-0-0-release-sources-2-jar/org/springframework/test/context/junit4/statements/SpringRepeat.java
* /opt/cola/permits/1148131280_1646350026.7/0/spring-test-3-0-0-release-sources-2-jar/org/springframework/mock/web/PassThroughFilterChain.java
* /opt/cola/permits/1148131280_1646350026.7/0/spring-test-3-0-0-release-sources-2-jar/org/springframework/mock/web/MockBodyContent.java

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* /opt/cola/permits/1148131280_1646350026.7/0/spring-test-3-0-0-release-sources-2-jar/org/springframework/mocking/test/ConditionalTestCase.java
* /opt/cola/permits/1148131280_1646350026.7/0/spring-test-3-0-0-release-sources-2-jar/org/springframework/mocking/test/jpa/OrmXmlOverridingShadowingClassLoader.java
* /opt/cola/permits/1148131280_1646350026.7/0/spring-test-3-0-0-release-sources-2-jar/org/springframework/mocking/test/context/support/GenericPropertiesContextLoader.java

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* /opt/cola/permits/1148131280_1646350026.70/spring-test-3-0-0-release-sources-2-jar/org/springframework/test/context/support/AbstractGenericContextLoader.java
* /opt/cola/permits/1148131280_1646350026.70/spring-test-3-0-0-release-sources-2-jar/org/springframework/test/context/junit38/AbstractTransactionalJUnit38SpringContextTests.java
* /opt/cola/permits/1148131280_1646350026.70/spring-test-3-0-0-release-sources-2-jar/org/springframework/test/ContextLoader.java
* /opt/cola/permits/1148131280_1646350026.70/spring-test-3-0-0-release-sources-2-jar/org/springframework/test/context/ContextCache.java
* /opt/cola/permits/1148131280_1646350026.70/spring-test-3-0-0-release-sources-2-jar/org/springframework/test/context/testng/AbstractTransactionalTestNGSpringContextTests.java
* /opt/cola/permits/1148131280_1646350026.70/spring-test-3-0-0-release-sources-2-jar/org/springframework/test/annotation/ProfileValueSource.java
* /opt/cola/permits/1148131280_1646350026.70/spring-test-3-0-0-release-sources-2-jar/org/springframework/test/AssertThrows.java
1.2030 icu 54

1.2030.1 Available under license:

## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCXXPPFLAGS = -fPIC

## Additional flags when building libraries and with threads
THREADSCPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.c) $< \n | sed "s/\([^@]*\)\.o\[ :\]/\1.o $@ : /g\" > $@; \n [ -s $@ ] \| rm -f $@"

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$(GEN_DEPS.cc) $< \n | sed "s/\([^@]*\)\.o\[ :\]/\1.o $@ : /g\" > $@; \n [ -s $@ ] \| rm -f $@"

## Versioned libraries rules
%.SO.$(SO_TARGET_VERSION_MAJOR): %.SO.$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@

%.SO: %.SO.$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

1.2031 elasticsearch-x-content 6.4.3

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1.2032 libsemanage 2.5-14.el7.0atomix1

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# Contributions to the urllib3 project

## Creator & Maintainer

* Andrey Petrov <andrey.petrov@shazow.net>

## Contributors

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In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
* HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
* NTLM-authenticated HTTPSConnectionPool
* Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
* Client-verified SSL certificates for HTTPSConnectionPool
* Response gzip and deflate encoding support
* Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
* Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
* Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
* Bugfixes, suggestions, Requests integration

* georgemarshall <http://github.com/georgemarshall>
* Bugfixes, Improvements and Test coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
* Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
* Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
* IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
* Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
* Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
* Support for TLS SNI
* API unification of ssl_version/cert_reqs
* SSL fingerprint and alternative hostname verification
* Bugfixes in testsuite
* Sune Kirkeby <mig@ibofobi.dk>
  * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <http://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate ‘Host’ header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missingWrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <http://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
* Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
* Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
* HTTPHeaderDict and associated tests and docs
* Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
* Added Timeout examples in docs

* Arthur Grunseid <http://grunseid.com>
* source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffiticolmingov@gmail.com>
* PEP8 Compliance and Linting
* Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
* Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
* Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
* Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
* Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
* Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
* Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
* Updates to the default SSL configuration

* [Your name or handle] <[email or website]>
* [Brief summary of your changes]
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* /opt/cola/permits/1148131022_1646350135.71/0/spring-aop-4-0-2-release-sources-2-
jar/org/springframework/aop/framework/autoproxy/InfrastructureAdvisorAutoProxyCreator.java
* /opt/cola/permits/1148131022_1646350135.71/0/spring-aop-4-0-2-release-sources-2-
jar/org/springframework/aop/framework/autoproxy/DefaultAdvisorAutoProxyCreator.java
* /opt/cola/permits/1148131022_1646350135.71/0/spring-aop-4-0-2-release-sources-2-
jar/org/springframework/aop/interceptor/ExposeInvocationInterceptor.java
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If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Otherwise, if the work is a derivative of the Library, you may 
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b) Use a suitable shared library mechanism for linking with the 
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copy of the library already present on the user's computer system, 
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interface-compatible with the version that the work was made with.

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Zstd-jni: JNI bindings to Zstd Library

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

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* java.sun.security.ssl

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http://openjdk.java.net/legal/gplv2+ce.html

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OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm
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The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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 */

package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

}
public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support copying from an input stream. OutputStreams that maintain their own byte buffer or similar may be able to optimize the copy instead of using the read/write into a temporary buffer that the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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History and License
*******************

History of the software
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see https://www.cwi.nl/) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see https://www.cnri.reston.va.us/) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to
form the BeOpen PythonLabs team. In October of the same year, the PythonLabs
team moved to Digital Creations (now Zope Corporation; see
http://www.zope.com/). In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization created
specifically to own Python-related Intellectual Property. Zope Corporation is a
sponsoring member of the PSF.

All Python releases are Open Source (see https://opensource.org/ for the Open
Source Definition). Historically, most, but not all, Python releases have also
been GPL-compatible; the table below summarizes the various releases.

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Mersenne Twister

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A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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Cookie management

--------------

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Modified by Jack Jansen, CWI, July 1995:
- Use binascii module to do the actual line-by-line conversion
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-----------------------------

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--------

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Original location:
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Solution inspired by code from:
  Samuel Neves (supercop/crypto_auth/siphash24/little)
djb (supercop/crypto_auth/siphash24/little2)
Jean-Philippe Aumasson (https://131002.net/siphash/siphash24.c)

strtod and dtoa
---------------

The file :file:`Python/dtoa.c`, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from http://www.netlib.org/fp/. The original file, as retrieved on
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cfuhash
-------

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In 1995, Guido continued his work on Python at the Corporation for
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<th>Owner</th>
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1.2066 zlib 1.2.11 r1

1.2067 netty-codec 4.1.43.Final
1.2067.1 Available under license:

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  jar/io/netty/handler/codec/ValueConverter.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/CharSequenceValueConverter.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
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  jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/HeadersUtils.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/ProtocolDetectionResult.java

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* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java

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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
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  jar/io/netty/handler/codec/compression/CompressionUtil.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4-1-43-final-sources-1-
  jar/io/netty/handler/codec/DatagramPacketEncoder.java
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 */
/**
 * A decoder that splits the received ByteBufs dynamically by the value of the length field in the message. It is particularly useful when you decode a binary message which has an integer header field that represents the length of the message body or the whole message.
 */
* <p>*[@LengthFieldBasedFrameDecoder](https://netty.io/) has many configuration parameters so that it can decode any message with a length field, which is often seen in proprietary client-server protocols. Here are some example that will give you the basic idea on which option does what.
*<h3>2 bytes length field at offset 0, do not strip header</h3>*
* The value of the length field in this example is 12 (0x0C) which represents the length of "HELLO, WORLD". By default, the decoder assumes that the length field represents the number of the bytes that follows the length field. Therefore, it can be decoded with the simplistic parameter combination.
* <pre>
* `<b>lengthFieldOffset</b>   = <b>0</b>`
* `<b>lengthFieldLength</b>   = <b>2</b>`
* `lengthAdjustment   = 0`
* `initialBytesToStrip = 0 (= do not strip header)`

* `BEFORE DECODE (14 bytes)       AFTER DECODE (14 bytes)`
  * `-----------------+-----------------`
  * | Length | Actual Content |----->| Length | Actual Content |
  * | 0x000C | "HELLO, WORLD"|      | 0x000C | "HELLO, WORLD" |

* `/pre`

* `</h3>`

* `Because we can get the length of the content by calling`  
  * `[@link ByteBuf#readableBytes()], you might want to strip the length`  
  * `field by specifying <tt>initialBytesToStrip</tt>. In this example, we`  
  * `specified <tt>2</tt>, that is same with the length of the length field, to`  
  * `strip the first two bytes.`

* `<pre>`
  * `lengthFieldOffset   = 0`
  * `lengthFieldLength   = 2`
  * `lengthAdjustment   = 0`
  * `<b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)`

* `BEFORE DECODE (14 bytes)       AFTER DECODE (12 bytes)`
  * `-----------------+-----------------`
  * | Length | Actual Content |----->| Actual Content |
  * | 0x000C | "HELLO, WORLD"|      | "HELLO, WORLD" |

* `/pre`

* `</h3>`

* `2 bytes length field at offset 0, do not strip header, the length field`  
  * `represents the length of the whole message`<h3>

* `In most cases, the length field represents the length of the message body`  
  * `only, as shown in the previous examples. However, in some protocols, the`  
  * `length field represents the length of the whole message, including the`  
  * `message header. In such a case, we specify a non-zero`  
  * `<tt>lengthAdjustment</tt>. Because the length value in this example message`  
  * `is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>`  
  * `as <tt>lengthAdjustment</tt> for compensation.`

* `<pre>`
  * `lengthFieldOffset   = 0`
  * `lengthFieldLength   = 2`
  * `<b>lengthAdjustment</b> = <b>-2</b> (= the length of the Length field)`
  * `initialBytesToStrip = 0`
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
* 
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example. An extra
* header value is prepended to the message. <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* \begin{verbatim}
* lengthFieldOffset = 2 (= the length of Header 1)
* lengthFieldLength = 3
* lengthAdjustment = 0
* initialBytesToStrip = 0
* 
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* | 0xCAFE  | 0x00000C | "HELLO, WORLD" |      | 0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </verbatim>
* 
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body. You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* \begin{verbatim}
* lengthFieldOffset = 0
* lengthFieldLength = 3
* lengthAdjustment = 2 (= the length of Header 1)
* initialBytesToStrip = 0
* 
* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE  | "HELLO, WORLD" |      | 0x00000C | 0xCAFE  | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </verbatim>
* 
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,</h3>
* strip the first header field and the length field</h3>
*
* This is a combination of all the examples above. There are the prepended header before the length field and the extra header after the length field.
* The prepended header affects the `<tt>lengthFieldOffset</tt>` and the extra header affects the `<tt>lengthAdjustment</tt>. We also specified a non-zero `<tt>initialBytesToStrip</tt>` to strip the length field and the prepended header from the frame. If you don't want to strip the prepended header, you could specify `<tt>0</tt>` for `<tt>initialBytesToSkip</tt>`.
* `<pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
* 
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +------+--------+------+----------------+----->| HDR2 | Actual Content |
* | HDR1 | Length | HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+
* </pre>
* 
* 2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field, the length field represents the length of the whole message</h3>
* 
* Let's give another twist to the previous example. The only difference from the previous example is that the length field represents the length of the whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into `<tt>lengthAdjustment</tt>`.
* Please note that we don't need to take the length of HDR2 into account because the length field already includes the whole header length.
* `<pre>
* lengthFieldOffset   = 1
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>
* 
* BEFORE DECODE (16 bytes) AFTER DECODE (13 bytes)
* +------+--------+------+----------------+----->| HDR2 | Actual Content |
* | HDR1 | Length | HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+
* </pre>
* @see LengthFieldPrepender
*/

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/**
 * Utility class for {@link ByteBuf} that encodes and decodes to and from
 * <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
 * <p>
 * The encoding and decoding algorithm in this class has been derived from
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jar/io/netty/handler/codec/compression/Crc32.java
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jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
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jar/io/netty/handler/codec/compression/LzfEncoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4.1.43-final-sources-1-
jar/io/netty/handler/codec/MessageAggregationException.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4.1.43-final-sources-1-
jar/io/netty/handler/codec/AsciiHeadersEncoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4.1.43-final-sources-1-
jar/io/netty/handler/codec/DecoderResultProvider.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4.1.43-final-sources-1-
jar/io/netty/handler/codec/SnappyFramedDecoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4.1.43-final-sources-1-
jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4.1.43-final-sources-1-
jar/io/netty/handler/codec/compression/LzfDecoder.java
* /opt/ws_local/PERMITS_SQL/1063377366_1592971932.88/0/netty-codec-4.1.43-final-sources-1-
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1.2068 dnsjava 2.1.8
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1.2069 zlib 1.1.0

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1.2070 pip 19.2.3
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==========================

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python’s principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt

The German,Spanish,Finnish,French,Hungarian,Italian,Portuguese,Russian and Swedish light stemmers
(common) are based on BSD-licensed reference implementations created by Jacques Savoy and
Ljiljana Dolamic. These files reside in:

- `analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/fr/FrenchMinimalStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java`
- `analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java`

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See http://project.carrot2.org/license.html.

The SmartChineseAnalyzer source code (smarten) was provided by Xiaoping Gao and copyright 2009 by www.imdict.net.

WordBreakTestUnicode_*.java (under modules/analysis/common/src/test/) is derived from Unicode data such as the Unicode Character Database. See http://unicode.org/copyright.html for more details.

The Morfologik analyzer (morfologik) includes BSD-licensed software developed by Dawid Weiss and Marcin Mikowski (http://morfologik.blogspot.com/).

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Servlet-api.jar and javax.servlet-*.jar are under the CDDL license, the original source code for this can be found at http://www.eclipse.org/jetty/downloads.php

===========================================================================

Kuromoji Japanese Morphological Analyzer - Apache Lucene Integration
===========================================================================

This software includes a binary and/or source version of data from
mecab-ipadic-2.7.0-20070801

which can be obtained from

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or

http://jaist.dl.sourceforge.net/project/mecab/mecab-ipadic/2.7.0-20070801/mecab-ipadic-2.7.0-20070801.tar.gz

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Revision 4.4.12, released 2019-09-24
------------------------------------
- Fixed broken SNMPv3 `msgFlag` initialization on authoritative SNMP engine ID discovery. This bug causes secure communication with peer SNMP engines to stall at SNMP engine ID discovery procedure.

Revision 4.4.11, released 2019-08-10
------------------------------------
- Added SNMPv3 USM master and localized keys support to LCD configuration
- Improved initial and runtime USM debugging
- Fixed a bug in USM configuration which did not allow the same user names to be added under different security names

Revision 4.4.10, released 2019-07-29
------------------------------------
- Reworked VACM access control function. Most important changes include:
  * Added subtree match negation support (vacmViewTreeFamilyType)
  * Added subtree family mask support (vacmViewTreeFamilyMask)
  * Added prefix content name matching support (vacmAccessContextMatch)
  * Added key VACM tables caching for better `isAccessAllowed` lookup performance
One potential incompatibility may be caused by the `addContext()` call which now needs to be made explicitly during low-level VACM configuration rather than be a side effect of `addVacmAccess()` call.

- Rebased MIB importing code onto `importlib` because `imp` is long deprecated
- Received MIB objects resolution made more forgiving to errors, added optional `ignoreErrors` parameter to `ObjectType.resolveWithMib()` to control that behaviour.
- Fixed asyncore main loop to respect non-default timer resolution
- Fixed `.setTimerResolution()` behaviour of abstract main loop dispatcher to update call intervals of the existing periodic dispatcher jobs
- Fixed `var-bindings` initialization to prevent pyasn1 encoder failures with newer pyasn1 versions where `SequenceOf` type looses its default initializer.
- Fixed crash on uninitialized component serialization left out in SNMP v1 TRAP PDU to SNMPv2/3 TRAP PDU proxy translation routine.

Revision 4.4.9, released 2019-02-09

- Made MIB loader ignoring file and directory access errors
- Added missing SNMP PDU error classes and their handling in Command Responder
- Fixed crash on MIB load failure in case of directory access error
- Fixed socket transparency option (IPV6_TRANSPARENT) to make IPv6 transparent operation functional

Revision 4.4.8, released 2018-12-30

- Fixed Pythonized MIB load (in the source form) - made sure to turn it into a code object prior to its execution

Revision 4.4.7, released 2018-12-29

- Copyright notice extended to the year 2019
- Exposed ASN.1 `Null` type through `rfc1902` module for convenience.
- Use `compile()` before `exec`ing MIB modules to attach filename to the stack frames (ultimately shown in traceback(debugger)
- Fixed hlapi/v3arch transport target caching to ensure transport targets are different even if just timeout/retries options differ
- Fixed hlapi LCD configurator to include `contextName`. Prior to this fix sending SNMPv3 TRAP with non-default `contextName` would fail.
- Fixed possible duplicate key occurrence in the `OrderedDict` following a race condition
- Fixed undefined name references in `inet_ppton`/`inet_ntop` substitute routines for IPv6 in `TRANSPORT-ADDRESS-MIB.py`
Revision 4.4.6, released 2018-09-13

- Improved package build and dependency tracking
- Fixed missing LICENSE from the tarball distribution
- Fixed `CommandGeneratorLcdConfigurator.unconfigure()` to fully clean up internal caches, otherwise repetitive attempts to configure the target would fail.
- Fixed to tolerate possible duplicate enumerations in `Bits` and `Integer` SMI types.
- Fixed to tolerate non-initialised entries in SNMP community table. Once a bad entry sneaked into the SNMP community table, all the subsequent SNMP v1/v2c operations failed. The fix ignores incomplete SNMP community table entries in the course of building indices.

Revision 4.4.5, released 2018-08-05

- Added PySnmpError.cause attribute holding parent exception tuple
- Fixed broken InetAddressType rendering caused by a pyasn1 regression
- Fixed typo in RFC1158 module
- Fixed possible infinite loop in GETBULK response PDU builder
- Fixed memory leak in the `config.delContext()` VACM management harness
- Fixed `Bits` class initialization when enumeration values are given
- Fixed crash caused by incoming SNMPv3 message requesting SNMPv1/v2c security model
- Fixed out-of-scope OIDs leaking at the end of SNMP table at hlapi `nextCmd` and `bulkCmd` calls when `lexicographicMode = False`

Revision 4.4.4, released 2018-01-03

- Copyright notice extended to the year 2018
- Fixed short local key expansion at 3DES key localization implementation.

Revision 4.4.3, released 2017-12-22

- Migrated references from SourceForge
- Added missing SHA2 support for Blumenthal key localization
- Fixed named bits handling at rfc1902.Bits
- Fixed missing SmiError exception class at pysnmp.proto.rfc1155
- Fixed SNMP v1->v2c PDU proxy -- error-status & error-index fields from v1 PDU get copied over to v2c PDU in addition to the exception sentinels being set
Revision 4.4.2, released 2017-11-11
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- The pysnmp version being used gets exposed to the MIB modules via the `MibBuilder` instance
- The .setObjects() method of the SMI types now accepts `append=False` parameter to let the caller adding more than 255 elements over the course of multiple calls
- Added support for some more missing fields of SMIV2 MACRO types
- Example scripts rearranged in a way that IPv6 requirement is clearly encoded in the script's name
- Fixed SNMPv2-SMI.NotificationType to expose .set/getReference() instead of .set/getRevision() which should not be there in the first place
- Fixed non-implied-OID encoding in SNMP table indices
- Fixed inconsistent SNMPv3 discovery and retrying algorithm

Revision 4.4.1, released 2017-10-23
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- HMAC-SHA-2 Authentication Protocols support added (RFC-7860)
- The pycryptodome dependency replaced with pycryptodomex as it is recommended by the upstream to avoid unwanted interference with PyCrypto package should it also be installed
- Sphinx theme changed to Alabaster in the documentation
- Minor adjustments towards pyasn1 0.4.x compatibility
- Fixed ObjectIdentifier-into-ObjectIdentity casting at rfc1902 ObjectType MIB resolution harness
- Fixed NetworkAddress object handling in SNMP table indices
- Fixed MIB lookup by module:object.indices MIB object with InetAddressIPv{4,6} objects being in the index
- Fixed non-translated PDU being retries at CommandGenerator what leads to wrong PDU version being sent and even a crash on incompatible PDU/SNMP message combination

Revision 4.3.10, released 2017-10-06
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- Refactored partial SNMP message decoding to make it less dependent on unpublished pyasn1 API features.
- Fix to MibTableRow.setFromName() to keep the input parameter type when it propagates to the return value. Before this fix ObjectIdentity.prettyPrint() may crash when rendering malformed SNMP table indices.
- Fixed NotificationReceiver to include SNMPv1 TRAP Message community string into SNMPv2c/v3 TRAP PDU
- Fixed multiple bugs in SNMP table indices rendering, especially the InetAddressIPv6 type which was severely broken.
- Fixed crashing Bits.prettyPrint() implementation
- Fixed crashing Bits.clone()/subtype() implementation
- Fixed leaking exceptions bubbling up from the asyncio and Twisted adapters

Revision 4.3.9, released 2017-07-26

- Deprecated UsmUserData initialization parameters removed
- Adapted to pyasn1 API changes introduced by release 0.3.1
- Fix to a crash happening on inbound SNMP message having non-initialized fields
- Fix to (persistent SNMP engine ID) file writing on Windows

Revision 4.3.8, released 2017-06-15

- Security fix to the bug introduced in 4.3.6: msgAuthoritativeEngineTime stopped changing over time and was returning the same timestamp (process start time). This fix makes it growing as it should.

Revision 4.3.7, released 2017-05-29

* Fixed import error in legacy NotificationOriginator implementation

Revision 4.3.6, released 2017-05-28

- More instrumentation hooks added addressing security failures auditing needs.
- SNMP table indices correlation implemented within SMI framework.
  The opaque InetAddress type implemented. INET-ADDRESS-MIB included into the distribution.
- SNMP table indices resolution logic made more robust against malformed indices.
- Fixes to *lexicographicMode* option documentation to make it unambiguous.
- The `ErrorIndication` object is now derived from `Exception` so that it could be raised in exceptions.
- The `errorIndication` values produced by various parts of SNMP engine unified to be `ErrorIndication` instances. This fixes an issue with Twisted.
- Embedded MIB modules rebuilt with the latest pysmi adding previously missing attributes like `status`, `description` etc.
- Fixed potential SNMP engine crash on handling incoming message at unsupported security level

Revision 4.3.5, released 2017-03-24
- The getNext() and getBulk() calls of Twisted interface now support ignoreNonIncreasingOid option.
- TextualConvention is now a new-style class.
- Fix to accidentally reset error-status when building confirmed class SNMPv1 PDU.
- Fix to possible infinite recursion in TextualConvention.prettyIn().
- Fixed crash when attempting to report unsupported request/notification PDU back to sender.

Revision 4.3.4, released 2017-03-01
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- Fix to low-level SNMP API example to accommodate changed pyasn1 SEQUENCE supporting iterator protocol.
- The pyasn1 version dependency bumped (0.2.3), SEQUENCE/SEQUENCE OF API calls adjusted to accommodate changed pyasn1 API (in part of .setComponentBy*() kw flags).
- Fixed crash on SNMP engine's invalid message counter increment.

Revision 4.3.3, released 2017-02-04
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- Switched from now unmaintained PyCrypto to PyCryptodome.
- Switched to new-style classes.
- NotificationType now allows additional var-binds specified as MIB objects. A side effect of this change is that additional var-binds can only be added prior to .resolveMibObjects() is run.
- Non-standard (but apparently used by many vendors) Reeder AES192/256 key localization algorithm implemented and set as default for usmAesCfb192Protocol and usmAesCfb256Protocol identifiers. Original and more standard implementation can still be used with the usmAesBlumenthalCfb192Protocol and usmAesBlumenthalCfb192Protocol IDs respectively.
- TextualConvention.prettyOut() improved to produce prettier and more SMI-compliant output.
- TextualConvention.prettyIn() implemented to handle DISPLAY-HINT based value parsing.
- Fix to NotificationType to make additional var-binds overriding MIB objects implicitly included through NOTIFICATION-TYPE OBJECTS.
- Fix to SNMP engine boots counter persistence on Python 3.
- Fix to Pythonized MIBs loading when only .pyc files are present (e.g. py2exe/cx_freeze environments).
- Fix broken 3DES key localization and encryption procedures.
- Updated IP address for demo.snmplabs.com in examples.
- Missing index added to bundled RFC1213::atEntry MIB table.
- Twisted integration made Python3 compatible.
- Accommodated ASN.1 SEQUENCE iteration rules change in upcoming pyasn1 version.
- Author's email changed, copyright extended to 2017.

Revision 4.3.2, released 2016-02-12
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- Copyright notice added to non-trivial source code files.
- SNMP table row consistency check added. This change may break
  valid SNMP SET operations on tables if RowStatus column is not
  passed at the very end of var-binds.
- All SNMP counters now incremented via ‘+= 1’ rather than ‘x = x + 1’
  to simplify their tracking by third-party code.
- Notification originator examples re-pointed to Notification Receiver
  at demo.snmplabs.com.
- Two more execution observer points added: rfc2576.processIncomingMsg
  and rfc3414.processIncomingMsg to give an insight on security modules
  internals.
- TEXTUAL-CONVENTION’s DISPLAY-HINT text formatting reworked for better
  performance and encoding accuracy of ‘a’ and ‘t’ formats.
- WARNING: security fix to USM - extra user entry clone removed on
  incoming message processing. It made USM accepting SNMPv3 TRAPs
  from unknown SNMP engine IDs.
- Fix to snmpInvalidMsgs and snmpUnknownSecurityModels MIB symbols
  import at SNMPv3 MP model.
- Fix to NotificationOriginator to cope with unspecified user callable.
- Fix to OctetString.prettyOut() to pretty-print Python 3 bytes without
  'b' qualifier.
- Fix to better pysmi import errors handling.
- Fix to missing next() in Python 2.5 at pysnmp.hlapi

Revision 4.3.1, released 2015-11-12
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- Added recursive resolution of ObjectIdentifier values at ObjectType
  by converting it to ObjectIdentity.
- A bunch of convenience shortcuts to rfc1902.ObjectIdentity added
  from rfc1902.ObjectType and rfc1902.NotificationType
  (.addAsn1MibSource(), .addMibSource(), .loadMibs())
- When pretty printing indices at rfc1902.ObjectType, quote only strings.
- SNMP overview and PySNMP hlapi tutorial added to documentation.
- Fix to __doc__ use in setup.py to make -O0 installation mode working.
- Fix to ObjectIdentity->ObjectIdentifier attributes handover
- Fixed crash at oneliner compatibility code on EOM response.
- Fixed crash in hlapi.transport module.
- Fixed OID resolution issues that roots at node 0 and 2.
- Fix to MIB builder to fail gracefully on corrupted MIB package encounter.
- Fix to docs distribution -- now the are Sphinx-buildable out-of-the-box.
- Source code re-linted
Revision 4.3.0, released 2015-09-28

- Critical error fixed in key localization procedure for AES192/AES256/3DES cyphers. Previous versions might never worked properly in this respect.
- Initial PySMI integration. Original ASN.1 MIBs could now be parsed, stored at a local pysnmp MIBs repository and loaded into SNMP Engine. Relevant example scripts added. Obsolete libsmi-based scripts removed.
- Major rewrite of native SNMPv3 CommandGenerator and NotificationOriginator applications towards the following goals:

  * avoid binding to specific SNMP engine instance to promote single SNMP app instance using many SNMP engine instances
  * support two APIs for working with request data: one operates on the whole PDU object while the other on PDU contents
  * keep callback context data in stack rather than in stateful application cache
  * newly introduced sendVarBinds() method offers a more functional and logical signatures.
  * Promote the use of dedicated classes for dealing with OID-value pairs. Instances of those classes resemble OBJECT-IDENTITY, OBJECT-TYPE and NOTIFICATION-TYPE MIB structures.
  * Oneliner API reworked to become more generic: its LCD configuration shortcuts and and var-bindings processing code split off SNMP apps classes to stand-alone objects. The whole API also moved up in package naming hierarchy and becomes 'pysnmp.hlapi.asyncore' (hlapi is apparently an African fish). Old oneliner API remains fully operational at its original location.
  * Synchronous oneliner apps redesigned to offer Python generator-based API along with a more comprehensive set of accepted parameters.
  * Asyncore-based asynchronous apps reworked to become functions.
  * Twisted API moved entirely into high-level domain to be aligned with other high-level APIs. This WILL BREAK backward compatibility for those apps that use Twisted API.
  * Keep backward compatibility for all existing major=documented interfaces

- Sphinx documentation added to source code and example scripts. Library documentation converted from .html into RsT markup.
- Execution Observer facility implemented to give app an inside view of SNMP engine inner workings. This is thought to be a generic framework for viewing (and modifying) various internal states of pysnmp engine. Previously introduced non-standard APIs (like getting peer's transport endpoint which is not suggested in RFCs) will be gradually migrated to this new framework.
- Initial support for the asyncio & Trollius frameworks and coroutines-based SNMP Applications interfaces added. Both IPv4 and IPv6 datagram transports are currently supported.
- Original asynsock transport and AsyncsockDispatcher renamed into asyncore and AsyncoreDispatcher respectively to provide better hint to fellow devs on the underlying transport being used. Backward compatibility preserved.
- The asyncore-based transport subsystem extended to support POSIX sendmsg()/recvmsg() based socket communication what could be used, among other things, in the context of a transparent SNMP proxy application. Technically, the following features were brought into pysnmp with this update:

* Sending SNMP packets from a non-local IP address
* Receiving IP packets for non-local IP addresses
* Responding to SNMP requests from exactly the same IP address the query was sent to. This proves to be useful when listening on both primary and secondary IP interfaces.

- Internal oneliner apps configuration cache moved from respective apps objects to [a singular] snmpEngine "user context" object. That would allow for better cache reuse and allow for a single app working with many snmpEngine instances.
- Oneliner GETBULK Command Generator now strips possible excessive OIDs off the bottom of returned var-binds table.
- Constraints assignment shortcut added to some base rfc1902 types (Integer, Integer32, OctetString, Bits). That formally constitutes ASN.1 sub-typing.
- Built-in debugging is now based on Python logging module.
- Examples on a single Transport Dispatcher use with multiple SnmpEngine instances applicatons added.
- Example script on transport timeout & retries manipulation added.
- Example script explaining incoming message's communityName re-mapping added.
- Broadcast socket option can now be enabled with the .enableBroadcast() call for any datagram-based transport (namely, UDP and UDP6).
- AbstractTransportDispatcher's jobStarted() and jobFinished() methods now accept optional 'count' parameter which is a way for an app to indicate how many responses are expected or have been processed in bulk.
- Example script on SNMP Agents UDP broadcast-based discovery added.
- Oneliner transport object now supports setLocalAddress() method to force socket binding to specified local interface.
- New public DgramSocketTransport.getLocalAddress() returns local endpoint address underlying BSD socket is currently bound to.
- Passing request details to access control callback at CommandResponder reworked towards more robust and simple design with the execution observer facility.
- All MIBs rebuilt with pysmi.
- MIB instrumentation example improved to cover table index building facility.
- Handle the case of null writer at Debug printer.
- Do not cache snmpEngineId & snmpAdminString at CommandGenerator to let it be reused with many different snmpEngines.
- TRAP PDU agent address evaluation at proto.api made lazy to improve
startup time.
- Multiple fixes to verify pyasn1 decoder.decode() return to withstand broken SNMP messages or its components.
- First attempt made to make some of SNMP Engine settings persistent across reboots.
- Make config.delTransport() returning detached transport object. Asyncio examples now use this facility to explicitly shutdown transport object.
- Parts of SMIv1 remnant MIBs (RFC1213-MIB, RFC1158-MIB) added to provide complete compatibility with SMIv1. Symbols defined in these MIBs only present in SMIv1 so they can't be substituted with their SMIv2 analogues.
- MibBuilder.addMibSources() convenience method added.
- The smi.MibBuilder() will now raise more specific exceptions (MibLoadError, MibNotFound) on MIB loading problems rather than more generic SmiError.
- The oneliner's MibVariable MIB lookup subsystem redesigned for more generality to mimic OBJECT-TYPE macro capabilities related to SNMP PDU handling. The two new classed are ObjectIdentity and ObjectType. The ObjectIdentity class additionally supports just a MIB module name initializer in which case if resolves into either first or last symbol in given MIB. Another option is just a MIB symbol initializer without specifying MIB module.

This new subsystem is moved from the scope of oneliner to more common pysnmp.smi.rfc1903 scope to more naturally invoke it from whatever part of pysnmp requires MIB services.
- MibBuilder now prepends the contents of environment variables it recognizes (PYSNMP_MIB_DIR, PYSNMP_MIB_DIRS, PYSNMP_MIB_PKGS) rather than using them instead of its default core MIBs.
- Removed RowStatus default value as it may collide with possible subclass constraints.
- A few additional MIB tree management methods added to MibViewController to better address ordered nature of MIB tree nodes (namely, getFirst*, getLast* family of methods).
- Wheel distribution format now supported.
- Fix to authoritative engine side snmpEngineID discovery procedure: respond with notInTimeWindows rather then with unsupportedSecurityLevel at time synchronization phase.
- Fix to rfc1902.Bits type to make it accepting hex and binary initializers, cope with missing bits identifieirs at prettyPrint().
- Memory leak fixed in CommandForwarder examples.
- Fix to BULK CommandGenerator to use the same nonRepeaters OIDs across multiple GETBULK iterations so returned table for nonRepeaters columns would hold the same var-bind.
- Fix to CommandGenerator to make sendRequestHandle persistent across multiple iterations of GETNEXT/GETBULK queries.
- Fix to sendNotification() error handling at NotificationOriginator.
- Fix to preserve possible 'fixed length' setting atrfc1902.OctetString on clone()'ing and subtype()'ing.
- Fix to rfc1902.OctetString & Bits to base them on OctetString class to
make the 'fixed length' property working.
- Fix to .clone() method of rfc1902.Bits class to make its signature
  matching the rest of classes. This may broke code which used to pass
  namedValue parameter positionally rather than binding it by name.
- Fix to PDU translation service (proto.proxy.rfc2576) to make it
  initializing errorIndex & errorStatus components of the resulting PDU.
- Fix to MsgAndPduDispatcher.sendPdu() to clean up request queue on
  pysnmp-level processing failure.
- Fix to SNMPv1/v2c message processing subsystem to make it serving
  unique PDU request-id's in both outgoing and incoming confirmed
  and response PDU types. Duplicate request-id's in unrelated PDUs may
  cause cache errors otherwise.
- Fix to licensing terms of multiple twisted backend modules to make
  the whole pysnmp package licensed under BSD 2-Clause license. This
  change has been explicitly permitted by the original modules authors.
- Fix to asyncore-based transport not to use asyncore's cheap inheritance
  from socket object what caused warnings.
- Fix at NotificationOriginator to make is using MibInstrumentationController
  when expanding Notification OBJECTS into Managed Objects Instances.
- Missing wrongLength and wrongEncoding SMI errors added.
- Fix to file descriptor leak at MibBuilder.
- Fix to rfc2576.v2ToV1() to ignore impossible errorStatus.
- Fix to rfc2576.v1ToV2() to reset ErrorStatus==noSuchName on proxying.
- Fix to smi.builder to explicitly fail on any MIB file access error
  (but ENOENT) and raise IOError uniformly on any directory/egg access
  failure.
- Fix to infinite loop at config.delV3User().

Revision 4.2.5, released 2013-10-02
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- License updated to vanilla BSD 2-Clause to ease package use
  (http://opensource.org/licenses/BSD-2-Clause).
- A dozen of lightweight Twisted-based example scripts replaced more
  complex example implementations used previously.
- SNMP Proxy example apps separated into a larger set of more specialized
  ones.
- Most of Command Generator examples re-pointed to a live SNMP Agent
  at demo.snmplabs.com to ease experimentation and adoption.
- Multithreaded oneliner CommandGenerator example added.
- Packet-level SNMP API (pysnmp.proto.api) getErrorIndex() method can now
  be instructed to ignore portentially malformed errorIndex SNMP packet
  value what sometimes happens with buggy SNMP implementations.
- Standard SNMP Apps and built-in proxy now ignores malformed errorIndex
  value.
- Built-in logging now includes timestamps.
- Multi-lingual capabilities of all CommandGenerator & NotificationOriginator
  apps re-worked and improved. For instance it is now it's possible to run
getBulk() against a SNMPv1 Agent invoking built-in SNMP Proxy behind the scene.

- The $PYSNMP_MIB_DIR & $PYSNMP_MIB_DIRS & $PYSNMP_MIB_PKGS path separator made platform-specific.
- Change to rfc2576.v1tov2() logic: errorStatus = noSuchName is now translated into rfc1905.noSuchObject exception value for *all* var-bindings at once. Although RFC2576 does not suggest error-status -> v2c exception translation, historically pysnmp used to perform it for a long time so we can't easily stop doing that.
- Exception re-raising improved at MibInstrumController.flipFlopFsm() and asynsock/twisted dispatchers so that original traceback is preserved.
- A single instance of transport dispatcher can now serve multiple receivers (identified by IDs) chosen by a public data routing method.
- SnmpEngine.[un]registerTransportDispatcher() methods now accept optional receiver ID token to be used by transport dispatcher's data router. This allows for multiple SNMP engines registration with a single transport dispatcher.
- Distribute is gone, switched to setuptools completely.
- The snmpCommunityTable row selection improved to follow RFC2576, clause 5.2.1.
- Asyncore-based dispatcher attempts to use poll() whenever available on the platform. It would help handling a really large number (>1024) of file descriptors.
- AsyncCommandGenerator.makeReadVarBinds() generalized into a new makeVarBinds() method which replaces somewhat redundant code at setCmd() and AsynNotificationOriginator.sendNotification().
- AsyncCommandGenerator.ucfgCmdGen() & AsynNotificationOriginator.ucfgCmdGen() methods now accept optional authData parameter to remove specific entries from LCD. This can be useful for modifying security parameters for specific securityName.
- SNMP credentials management reworked to separate userName from securityName in snmpCommunityEntry and usmUserEntry tables. Changes made to addV1System(), addV3User() functions as well as to their oneliner's wrappers.
- The contextEngineId parameter of config.addV3User() and auth.UsmUserData() renamed into securityEngineId as it's semantically correct
- Oneliner UsmUserData() and CommunityData() classes now support clone()'ing to facilitate authentication data management in user applications.
- Oneliner transport target classes now support the getTransportInfo() method that returns network addresses used on protocol level.
- Oneliner CommandGenerator.getNext() & .getBulk() methods now support the maxCalls kwarg to limit the maximum number of iterations to perform.
- The config.addSocketTransport() helper renamed into config.addTransport() and improved by automatically instantiating compatible TransportDispatcher making it dispatcher-agnostic. As an additional bonus, application may not call registerTransportDispatcher() as it would be called by addTransport().
- The SnmpV3MessageProcessingModel.getPeerEngineInfo() method is implemented to communicate discovered peer SNMP engine information to SNMP apps what can be used for fine usmUserTable configuration.
- AsynNotificationOriginator.cfgCmdGen() does not take into account securityModel & securityLevel when reducing LCD access via addTrapUser(). This improves LCD consistency on sparse add/del operations but also does not let you to configure different securityModels per securityname at VACM though the cfgCmdGen() wrapper.

- MIB builder traceback formatting and reporting improved.

- SNMP Engine object now has a snmpEngineID attribute exposed.

- Fix to inet_ntop()/inet_pton() support on Windows at TRANSPORT-ADDRESS-MIB.

- Fix to usmUserSecurityName table column implementation -- automatic value generation from index value removed.

- Fix and significant logic rework of snmpCommunityTable to make it working in both Generator and Responder modes and better follow RFC2576 requirements on sequential entries lookup and selection. As a side effect, untagged snmpCommunityTable entries will *not* match tagged snmpTargetAddrTable entries and vice versa.

- Fix to Twisted-based NotificationOriginator to make it serving INFORMs again.

- Fix to rfc2576.v1tov2() logic: errorStatus = noSuchName is now translated into rfc1905.noSuchObject exception value for *all* var-bindings. Although this is not mentioned in RFC, it looks as a more consistent approach.

- Fix of rounding error to base I/O dispatcher's next timer call calculation.

- Explicit twisted dispatcher's timer resolution (of 1 sec) removed to make use of global default of 0.5 sec.

- Fix to twisted/udp non-default local endpoint binding features. Common socket ('host', port) notation is now supported.

- Fix to Twisted-based transport to make it closing UDP port / UNIX pipe on shutdown.

- Fix to Twisted-based dispatcher not to close transport on unregistration at dispatcher as transports can potentially be reused elsewhere.

- Fix to asyncore-based transport to work only with AsynsockDispatcher's socket map and not to touch default asyncore's one. The latter have caused dispatcher/transport restarting issues.

- The delV3User() function improved to drop all rows from USM table that were cloned from the target one.

- Fix to exceptions handling at MsgAndPduDispatcher.sendPdu() to avoid sendPduHandle miss (followed by system crash) on cache expiration run.

- Break cyclic references at CommandResponder and NotificationReceiver apps through close() method.

- Fix to octet string typing at 3DES codec (used to throw an exception).

- Fix to SnmpAdminString, SnmpTagList, SnmpTagValue types to make them supporting UTF-8 initializers.

- Fix to v1/v2c message processing module which used to refer to a bogus stateReference in some cases what causes SNMP engine crashes.

- Fix to IPv6 transport to zero ZoneID, FlowID and ScopeID components sometimes coming along with incoming packet.

- Fix to SNMPv1 MP module to pass stateReference to registered app on unconfirmed notifications reception (to let NotificationReceiver Apps browsing request details).

(transport information at the moment) at SNMP engine.
- Asyncsock sockets now configured with SO_REUSEADDR option to fix possible Windows error 10048.
- Gracefully handle malformed SnmpEngineID at USM coming from SNMPv3 header.
- Typos fixed in error-status constants at CommandResponder
- Missing import added to oneliner auth module.
- Cosmetic changes to v3arch example scripts.

Revision 4.2.4, released 2013-01-30

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- SNMPv3 high-level and native API examples reworked and extended to cover many use cases.
- The missing functionality of NOTIFICATION-TYPE objects being looked up at local Management Instrumentation and attached to TRAP/INFORM message by Notification Originator is now fully implemented.
- The missing functionality of passing Response PDU contents of INFORM request is now implemented at Notification Originator app. The return value of NotificationOriginator.sendNotification is now a composite object that includes errorStatus, errorIndex and varBinds.
- The missing functionality of passing lookupNames & lookupValues params to Notification Originator is now implemented. It may make sense for INFORMs.
- The missing functionality of passing contextName to oneliner version of NotificationOriginator.sendNotification is now implemented.
- Oneliner example apps now include cases where non-default SNMP ContextEngineId/ContextName/SecurityEngineId is used.
- The contextName parameter of SnmpContext.getMibInstrum made optional.
- AbstractMibInstrumController class added as a base class for all possible kinds of Management Instrumentation controllers.
- Report package version on debugging code initialization.
- MibInstrumController.getMibBuilder() added.
- I/O sockets buffer sizes made configurable, minimum default is now forced to be no less than 2**17 (to fit two huge datagrams).
- Catch possible exceptions on pyasn1 encoder invocation.
- VACM modules converted from a function into an object to let it keep state (caches) in the future.
- Unnecessary MibSource explicit initialization calls removed at MibBuilder.
- Example configuration for Net-SNMP's snmptrapd added.
- Cast additionalVarBinds into ObjectIdentifier type at NotificationOriginator.sendNotification()
- Standard SNMPv3 Apps hardened to catch protocol-related exceptions and report them as errorIndication's.
- Catch and mute possible failure of getsockname(), that seems to happen on Windows only so far.
- Memory leak fixed at oneliner cache of already configured targets.
- Fixes to at AsynNotificationOriginator.sendNotification() to make a) the notificationType param mandatory b) the varBinds param really optional
- Fixes to ContextEngineId/ContextName support at the oneliner API: now both items should be passed to request PDU through Cmd() request initiation method, the items of authData object should be used only for LCD configuration.
- Fix to MibVariable handling of the MIB, <empty-symbol> initializers.
- Fix to outgoing queue processing order at socket transport. Now it's a FIFO discipline rather than LIFO.
- Fix to NotificationOriginator's additionalVarBinds parameter - it is not mandatory anymore with the oneliner API. Also additionalVarBinds defaulted value changed from None to () meaning no var-binds.
- Attempt to convert Windows style EOL into UNIX ones in MIB source modules appeared to be unnecessary and even destructive to modules data in some cases. So the conversion code removed altogether.
- Fix to isAccessAllowed() error handling at NotificationOriginator. System used to crash on access denied condition.
- Fix to NotificationOriginator to make it use system uptime and trap OID values from SNMP engine's instrumentation rather then from SNMP context.
- Fix a couple of bugs at MibTable* logic involved for table instances creation.
- Fix to Management Instrumentation code to handle cases of non-initialized or not-compliant-to-constraints Managed Objects Instances.
- Fix to Management Instrumentation code to make table row removal through SNMP working again. Wrong method (instumClone) was probed at terminal MIB nodes values instead of the right one (setValue).

Revision 4.2.3, released 2012-09-06

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- SECURITY FIX: USM subsystem did not verify securityLevel of a request to an authoritative SNMP engine against auth/priv protocols configured for the user in question. That allowed unauthenticated/unciphered access to pysnmp-based Agent even if USM user is configured to provide one.
- Oneliner [Asyn]CommandGenerator now supports optional keyword args lookupNames, lookupValues that enable response OID / value looked up at MIB and reported as a MibVariable container object carrying relevant MIB info.
- Oneliner [Asyn]CommandGenerator now supports symbolic MIB object names to be passed within a MibVariable container object which would do a deferred MIB lookup for name resolution. This is a new and preferred API which obsoletes the tuple-based one (it is still supported though).
- Oneliner CommandGenerator's class attributes lexicographicMode, maxRows and ignoreNonIncreasingOid moved to optional keyword args of nextGen() and bulkGen() methods.
- IPv6/UDP and Local Domain Socket transport interfaces added to the oneliner API.
- Mib Instrumentation subsystem re-worked to replace excessive MibName's smiCreate()/smiWrite()/smiDestroy() methods with MibScalarInstance's getValue()/setValue()
- MibTree.readTest[Get]Next() reworked to be called uniformly so user could tap on these methods at any level of the MIB tree.
- MibTableColumn.getTreeNodeWith詰件Value() unpublished API method obsoleted and removed for clarity.
- Hex dumps of binary parts of the protocol added to ease system operations analysis.
- SnmpEngineId autogeneration does not call DNS resolver but uses local hostname not to depend upon local IP availability and performance.
- Example apps reworked, additional SNMPv3 auth/priv protocols and transports added.
- Package version is now available as __init__.version and it is in-sync with distutils.
- Package meta-information updated.
- The __init__.py's made non-empty (rumors are that they may be optimized out by package managers).
- Multiple fixes to UNIX domain socket transport to make it fully operational again.
- Use sysUpTime value whenever it is included in Notification PDU, otherwise resort to SNMP engine uptime reading.
- SNMPv2c Message is now defined in rfc1901.py what matches standard definition.
- Types defined within SNMPv1/v2c data structures (rfc1157.py/rfc1905.py) moved to module scope to become accessible by wrapper routines (v1.py/v2c.py). This is used for setting strictly typed default values to corresponding SNMP data structures.
- The obsolete and unpublished MibInstrumController.readVarsFast() method removed for API clarity.
- MibBuilder now distinguishes case of MIB modules filenames even if underlying OS does not.
- LCD configuration caching is implemented at pysnmp.entity.rfc3413.config that improves performance of repetitive calls by 10% and might hugely improve NotificationOriginator's performance when working on a large number of targets.
- A caching maps implemented at rfc2576 subsystem to speed-up communityName to/from securityName resolution. The also makes transport tags processing better compliant to the standard.
- Community and Transport tags processing changed at the oneliner interface to make the whole mechanism more compliant with the standard. Most importantly, it is now possible to tag authentication and transport information separately.
- The NoSuchInstanceError exception class is no more inherits from NoSuchObjectError to make class hierarchy closer to SNMP specification which states that these errors are separate and independent.
- The Next & BulkCommandGenerator's split onto single-run and iterative implementations. The former just process a single interaction and complete while the latter run as many interactions as user callback function indicates to.
- The pysnmp.entity.rfc3413.mibvar module is now obsolete by
pysnmp.entity.rfc3413.oneliner.mibvar featuring basically the same
features but within a stateful, dedicated object.
- Auth & target configuration container classes moved to their separate
modules at oneliner API.
- The notificationType parameter of AsynNotificationOriginator.sendNotification
made defaulted to reflect its optional nature.
- Oneliner UsmUserData, UdpTransportTarget, Udp6TransportTarget instances
are not hashable anymore as they are intended to act more like a data
structure than object.
- Built-in debugger now supports negating debugging categories.
- An async/getgen.py example script added.
- Fix to MIB data reading routine to make it working with possible
Windows end-of-line's.
- Fix to CommandGenerator’s SNMPv3 engine autodiscovery algorithm
when retryCount is administratively set to 0.
- Fix to Notification Originator to make it communicating a single
sendPduHandle to an application even when multiple INFORMs are triggered
and processed by a single call by way of transport tagging feature.
- Fix to rfc2576:processIncomingMessage() to take SecurityModel into account
when lookup up SecurityName by CommunityName. This allows mixed SNMPv1/v2c
communication with the same target.
- Fix to internal MessageProcessing and SecurityModel timers so they become
dependant on system timer resolution.
- Fix to v1.PDUAPI.setDefaults() method that used to set wrongly typed
time-stamp component.
- Fix to IPv6 address handling to prevent system from crashing whilst
running Python3.
- Fix to SNMPv2 exception objects translation into SNMPv1 PDU and NEXT
OIDs calculation.
- Fix to MibTree class to properly report noSuchObject & noSuchInstance
SNMP special values.
- Fix to libsmi2pysnmp tool to make it working again in Python < 2.7
- Fix to exception handling at decodeMessageVersion() caller to prevent
ASN.1 parsing errors crashing the whole app.
- Fix to GenericTrap type processing at rfc2576:v1Tov2c() which used to
crash the whole SNMP engine.
- Fix to [possibly uninizilaized] pyasn1 objects printouts at
MibInstrumController.__indexMib()
- Fix to maxSizeResponseScopedPDU calculation at rfc3414/service.py.
- Dedicated 'withmib' example set is obsolete and removed.
- Another SNMP proxy example app added (1to3.py).
- Fix to MIB modules loading code to make it using __import__() properly.
This also makes pysnmp working again with Python 3.3rc0.
- Typo fix to snmpInASNParseErrs MIB instance object.
- Typo fix to errind.EngineIdMismatch class and its instance.

Revision 4.2.2, released 2012-04-21

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- Oneliner CommandGenerator can now limit the number of SNMP table rows returned by nextCmd/bulkCmd methods.
- Oneliner CommunityData configuration object can now be initialized with community name only, security name will be chosen automatically.
- Oneliner LCD configuration routines reworked towards clarity. The side-effect of this change is that repetitive oneliner call with the same securityName and different configuration options will only honor the first settings. Previous implementation would override older settings.
- Transport dispatcher now provides its own time expressed in fractions of second. SNMP engine uses this notion of time for handling requests timeout to make packet flow time bound to async I/O core operations rather than to real time.
- The libsmi2pysnmp tool improved to handle incomplete SMI v1->v2 conversion performed by smidump. The remaining core SMIV1 modules excluded from the core MIB set.
- The pyasn1 constraint and enumeration objects put into ASN1-* MIB modules what appears to be more in-line with SMI. Existing MIB modules as well as libsmi2pysnmp tool corrected accordingly.
- SMIV1 MIB modules (including RFC1155 and RFC1213) were moved to pysnmp-mibs as pysnmp is SMIV2-based.
- The MibBuilder.importSymbols() now takes optional kwargs and push them into MIB modules globals(). This is to facilitate passing user information, such as DB connection handler, to MIB module namespace so it could be used by ManagedObjects implementations.
- When running on Python3, SMI will re-raise exceptions with the original traceback for easier diagnostics.
- Out of PYTHONPATH MIB paths now supported.
- Added pyasn1 decoder failures diagnostics in debug mode.
- Fix to non-MT-safe class attributes at SNMPv3 MP & SEC modules.
- Fix to ContextName handling in bytes form whilst running Python3. Data mismatch error would return otherwise.
- Fix to SNMPv3 MP peer engine ID discovery not to learn and use user-specified ContextEngineId.
- Fix to socket.error processing at Py3 on Windows.
- Fix to oneliner GETNEXT/GETBULK implementation to properly support ignoreNonIncreasingOIDS option.
- Fix to setEndOfMibError/setNoSuchInstanceError() at v1 PDU not to loose errorIndex.
- Fix to api.v2c.getVarBindTable() to ignore possible non-rectangular GETBULK response tables.
- Fix to oneliner getnext/getbulk response table rectangulation procedure to gracefully handle an empty column condition.
- Fix to legacy MibBuilder.getMibPath() to prevent it from missing .egg-based components in path.
- Fix to oneliner configuration routine that used to implicitly tag SNMPv1/v2c auth and transport LCD rows what resulted in huge delays when processing incoming messages with large number
of peers configured.
- Fix to UDP6 transport handling at rfc2576 security module.
- Fix to SnmpEngineID value autogeneration (used to fail on Mac).
- SNMPv2-SMI.ObjectType.__repr__() fixed to do a repr() on its components.
- All SNMPv2-SMI.MibNode-based objects, once exported to a mibBuilder, will
carry an embedded label symbol.
- Explicit repr() calls replaced with '%s'
- Fix to error processing at GETNEXT & GETBULK apps response handlers.
- Fix to libsmi2pysnmp to make it supporting long (256+) list of function
params.
- Fix to libsmi2pysnmp to support inheritance of MIB types.

Revision 4.2.1, released 2011-11-07
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- Support string OIDs at one-liner API.
- Code quality of libsmi2pysnmp tool improved, MIBs re-built.
- SNMP-PROXY-MIB & SNMP-USER-BASED-SM-3DES-MIB added
- v1arch bulkgen.py example added
- Major overhaul for Python 2.4 -- 3.2 compatibility:
  + get rid of old-style types
  + drop string module usage
  + switch to rich comparation
  + drop explicit long integer type use
  + map()/filter() replaced with list comprehension
  + apply() replaced with var-args
  + dictionary operations made 2K/3K compatible
  + division operator made 2K/3K compatible
  + sorting function now operates on key
  + iterators returned by some funcs in py3k converted to lists
  + exception syntax made 2K/3K compatible
  + tuple function arguments resolved to scalars to become py3k compatible
  + BER octetstream is now of type bytes (Py3k) or still string (Py2k)

Revision 4.1.16d, released 2011-09-22
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- Fix to SNMPv1 Trap PDU agentAddress setter shortcut method.

Revision 4.1.16c, released 2011-08-14
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- Missing module import fixed in privacy subsystem

Revision 4.1.16b, released 2011-08-13
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- Oneliner CommandGenerator can now optionally ignore non-increasing OIDs.
- Default CommandResponder now skips non-compliant (Counter64) values when responding to a v1 Manager.
- Fix to state information handling at CommandResponder app.
- Fix to Twisted reactor shutdown condition.
- Fix to distutils dependencies syntax.

Revision 4.1.16a, released 2011-03-17

- Extended Security Options (3DESEDE, AES192, AES256) privacy protocols implemented.
- The error-indication codes moved from literals to objects for reliability and clarity.
- Fix to v1.TrapPDUAPI.getVarBinds() to address PDU component at the right position.
- Fix to rfc1902.Bits initialization from named bits sequence.
- Fix to MIB builder by-extension module filtering code to cope with .pyw files.
- Internal caches structure improved.
- Sync versions of oneliner apps split off async implementation for clarity.
- Randomize initial in various numeric sequences.
- MsgAndPduDsp expectResponse parameters passing reworked.
- GetNext/GetBulk response processing logic moved to getNextVarBinds()
- Changes towards performance improvement:
  + all dict.has_key() & dict.get() invocations replaced with modern syntax (this breaks compatibility with Python 2.1 and older).
  + introduce the MibInstrumControlle.readVarsFast() method (which skips the "testing" phase of MIB value readin) for dealing with internal configuration (LCD).
  + default debug.logger is now just a zero value instead of an object what saves big on frequent calls
  + SNMPv2-SMI columnar indices <-> index values conversion code optimized.
  + pre-compute and re-use some of ASN.1 structures.
  + avoid setting PDU defaults to save on unnecessary initialization.
  + skip ASN.1 types verification where possible.
  + at oneliner Command Generator, avoid looking up pure OID arguments at MIB as it's pointless but takes time.
  + cache MIB columnar objects instance ID <-> symbolic index representation mapping

Revision 4.1.15a, released 2010-12-13

- SNMP Proxy example added.
- End-of-MIB condition detection reworked what caused backward incompatibility at v1arch GETNEXT API. Previous pysnmp versions
used value = None in var-binds as returned by getVarBindTable()
API method. This version uses rfc1905 exception values (v2c/v3)
or pyasn1 Null (v1).
Built-in GETNEXT/GETBULK apps now do not require user to track
end-of-mib conditions anymore -- this is now done automatically.
- CommandResponder API now supports async mode of operation.
- SNMP exception values now exported from rfc1905 module, and made
pretty printable.
- Lexicographic walking mode is now supported at oneliner CommandGenerator.
- ContextEngineId&ContextName parameters passing implemented at
v3arch oneliner API.
- Multiple instances of the same transport domain now supported.
- Initial snmpEngineId value generation improved not to accidentally
collide within an administrative domain.
- MibTableColumn instances now build value-to-column-instance map
to speedup by-value search.
- SNMPv2-CONF::AgentCapabilities macro implemented.
- The libsmi2pysnmp tool handles some more MACROS.
- Void access control module implemented to let apps disabling [default] VACM.
- Allow standard SNMP apps to choose access control method to use.
- Twisted-based CommandResponder example added.
- Fix/rewrite of Twisted GETNEXT/GETBULK CommandGenerator callback API to
make it simpler and uniform with other CommandGenerators
- Fix to SNMPv3 security module to store peer SNMP engine timeline
only if taken from an authenticated message. Prior to this fix
SNMP engine was not been protected from spoofing.
- Fix to $SMIPATH initialization at build-pysnmp-mib.
- Fix to maxSizeResponseScopedPDU calculation.
- Fix to Next/Bulk CommandGenerators to catch a non-increasing OID
error condition (what prevents looping).
- Fix to Opaque value tagging at rfc1155.Opaque type.
- Fix to handle (fail gracefully) zero-length user password.
- Fix to SNMP error propagation at Twisted driver (SF tracker ID #3054505).
- Fix to Agent-role snmpEngineId discovery procedure that allows
authenticated ReportPDU generation.
- Fix to SNMPv1 PDU handling at CommandResponder & NotificationReceiver
apps.
- Fix to CommandResponder app to skip Counter64 SMI values when responding
to SNMPv1 Manager.
- Fix to protocol translator code (rfc2576) to handle Counter64 type
in v2c-to-v1 PDU translation.
- Fix to non-response var-binds translation in rfc2576.v2ToV1().
- Fix to wrong exceptions used in pysnmp/entity modules.
- Fix to noauth/nopriv security module so that it would not crash SNMP
engine if called accidentally.
- Fix to CommandResponder not to return out-of-range errorIndex along
with genErr
- Fix to GETBULK CommandResponder to do a by-column MIB walk, not by-raw.
- Fix to getVarBindTable() API function logic.
- Fix to example Manager scripts to use errorIndex when available.
- Fix to dummy encryptData()/decryptData() API
- Fix to oneliner GETBULK table collection code to make it stripping uneven rows off table tail.

Revision 4.1.14a, released 2010-07-15
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- Fix to maxSizeResponseScopedPDU calculation at USM security module: now more precise and robust against screwed values on input.
- Fix to MIB loading logic that used to load same-name modules at districts search paths on each loadModules() call.
- Fix to AsynsockDispatcher.runDispatcher() to make use of optional non-default select() timeout value.
- AbstractTransportDispatcher now allows user application registering multiple timer callbacks each with dedicated call period.
- Asynsock mainloop default idle period reduced to 0.5 sec for better timer resolution.
- Fix to SNMPv1->SNMPv2c error status handling at proxy module. This defect may have caused an infinite loop on a multiple var-bind SNMPv1 GetNext operation.
- Fix to contextName processing at config.addV1System -- typo rendered passed contextName not committed into LCD.
- Fix to unknown ContextName exception handling at CommandResponder App.
- config.addVacmUser() now accepts an optional contextName what makes it usable for configuring multiple contextName-bound bases of Managed Objects to SnmpEngine.
- MP pending states cache management re-worked so that SNMP engine will now handle an unlimited number of pending request/responses.
- Fix to SNMP discovery procedure: include ContentName in SNMP discovery messaging.
- Many fixes to AES crypto code that makes it actually working.
- Fix to SNMPv2-SMI createUndo operations.
- Fix to INFORM sending error handling at oneliner.
- Fix to mismatched response PDU handling at CommandGenerator application.
- Debug category 'app' (for Application) added to facilitate Standard SNMP Applications debugging.
- The retryCount semantic of CommandGenerator application changed to include sole retries and do not include initial request. Thus, retryCount=1 will now send up to two packets, not just one as it used to be.
- Debugging printout now escapes non-printable characters.

Revision 4.1.13a, released 2010-02-09
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- UDP over IPv6 transport implemented.
- Fix to MIB tree walking code that used to fail on table columns where
indices have identical leading parts.
- SNMPv1/v2c snmpCommunityTransportTag-based incoming message filtering implemented (rfc2576).

Revision 4.1.12a, released 2009-12-03
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- API versioning retired (pysnmp.v4 -> pysnmp).
- MIB loading mechanics re-designed to allow ZIP import.
- MIB loader supports code objects (py[co])
- Installer now uses setuptools for package management whenever available.
- The libsmi2pysnmp tool improved to build constraints of more than 256 items (Python has a limit on the number of function params).
- Missing SNMPTrap PDU API implemented at proto.api.v2c, RFC2576 proxy code reworked.
- Fix to sysUpTime OID at SNMPv2 TRAP PDU.

Revision 4.1.11a, released 2009-08-21
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- Twisted integration implemented.
- Attempt to use hashlib whenever available.
- Fix to oneliner Manager code on < Python 2.4.
- Let NotificationReceiver and CommandResponder Apps browsing request details (transport information at the moment) at SNMP engine.
- Fix to config.addV1System() to allow multiple systems to co-exist in LCD.
- Fix to wrongly succeeding user-parameters-by-community-name searching code in rfc2576 processIncomingMsg() method.
- Do sanity checking on PYSNMP_MODULE_ID, Groups and Notifications in libsmi2pysnmp (SF bug #2122489).
- Fix to oneliner Notification Originator that sometimes used to send multiple requests at once.
- Oneliners LCD names generation code reworked to avoid accidental clashes.
- Fix and re-work of sysUpTime value management in LCD.
- Fix to pending inform request data caching in mpmmod/rfc2576.py -- previous code led to cache data corruption on multiple outstanding requests.
- In SMI configuration wrapper functions, catch access to non-configured entries and raise an exception.
- Allow multiple callback timer functions in all transport dispatchers.
- Fix to libsmi2pysnmp code to preserve more underscored object names and to guess the right type between indistinguishable ObjectGroup & NotificationGroup
- Fix to MibScalarInstance value setting logic - previous code failed when modifying the same OID multiple times within a single SET operation.
- Minor usability improvements to tools/build-pysnmp-mib.
- Made MIB objects unexport feature operational.

Revision 4.1.10a, released 2008-05-25
- Internal MIB indexing method __indexMib() unmangled to facilitate setting up mutex there for sharing MIB stuff between threads.
- Fixed broken IpAddress value handling in SET operation.
- Broken MibBuilder.unloadModules() method now works.
- Use getLabel() SMI object method when building MIB tree (in builder.py) in addition to direct attribute access for clearer object protocol.
- The MIB building tools updated to match significantly improved smidump tool (libsmi version > 0.4.5).
- Made libsmi2pysnmp tool optionally building MIB text fields into pysnmp MIB code (enabled by default) and MibBuilder conditionally loading them up (disabled by default).
- SnmpEngine and MsgAndPduDispatcher constructors now optionally take msgAndPduDspr and mibInstrumController class instances respectively to facilitate these objects sharing within a process.
- Unique integers, for various parts of the system, are now generated by a nextid.py module. This fixes possible issues with duplicate request IDs and handlers.
- Built-in MIBs re-generated to include text fields.

Revision 4.1.9a, released 2007-11-28

- UNSTABLE ALPHA RELEASE.
- At onliner CommandGenerator, close transport on destruction to prevent socket leak. Implicit async transports registration at default asyncore's socket map has been disabled to avoid side effects.
- Fix to rfc2576.v1ToV2c() PDU converter to perform noSuchName error code translation.
- Fixes to Notification PDU conversion code at rfc2576 in part of snmpTrapOID handling.
- Fix to nonRepeaters object use as sequence slicer (must be int) at cmdrsp.CommandResponderApplication
- Make AsyncsockDispatcher using its own socket map by default for threading safety. This will break asyncore apps that rely on pysnmp sharing the same socket map with them. A solution would be to either set asyncore map to pysnmp (AsyncsockDispatcher.setSocketMap()) or pass pysnmp map (AsyncsockDispatcher.getSocketMap()) to asyncore.
- Fix to response timeout roundup bug at CommandGenerator and NotificationOriginator code.
- Oneline configuration classes made hashable to prevent memory leaks when committing them into CommandGenerator/NotificationOriginator internal repository.
- Security information is now released properly in all MP modules. This might fix a significant memory leak.
- Typo fix to rfc3411 confirmed class PDU members.
Revision 4.1.8a, released 2007-08-14

- UNSTABLE ALPHA RELEASE.
- SMI/dispatcher timeout conversion multiplier is actually 100 (1/100 sec) rather than 1/1000. This fix affects timeouts specified through SMI.
- __repr__() implemented for UdpTransportTarget, CommunityData, UsmUserData in oneliner module.
- Automatically initialize table index values on table management operations (SF bug ID #1671989).
- Fix to carrier code: ignore BADFD socket error as it may happen upon FD closure on n-1 select() event.
- Fix to MibBuilder.setMibPath() to preserve previously loaded modules intact. Otherwise loadModules() called after setMibPath() might fail with 'MIB file not found in search path' exception.
- Fix to oneliner classes that now invoke unconfiguration methods on destruction. This might have caused memory leaks.
- Automatically initialize SNMP-USER-BASED-SM-MIB::UsmUserSecurityName columnar object instance on creation, as stated in DESCRIPTION (SF tracker ID #1620392).
- Fix to USM timeframe arithmetics (SF bug #1649032).
- VACM shortcuts merged into universal add/delVacmUser() to let notifications and requests to co-exist for the same user.
- At oneliners, build LCD tables keys from a hashed mix of input parameters to make sure these automatic entries won't interfere or exceed constraints on keys values.
- Made use of notificationType parameter of the sendNotification method in NotificationOriginator applications. This parameter used to be ignored in the past. Note, that previously used (and ignored) syntax has been changed in an incompatible way.
- Allow plain Python values in setCmd() and sendNotification() methods in CommandGenerator and NotificationOriginator applications respectively.
- Multi-target onliner API-based example script added.
- Ignore more socket errors in datagram-type async socket code.
- AES cipher now supported (rfc3826).
- Fix to messed up tagIDs of noSuchInstance and noSuchObject types.
- SET Command Responder fixed to obscure access to non-existing variables by returning notWritable error (SF bug #1764839).
- AsynsockDispatcher.setSocketMap() method added to facilitate pysnmp transport integration into third-party asyncore-based applications.
- Fix to errorIndex generation at CommandResponder application, the value should be a one-based.

Revision 4.1.7a, released 2007-02-19

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- UNSTABLE ALPHA RELEASE.
- Low-level debugging facility implemented.
- Support UdpTransportTarget timeout and retries parameters in oneliner API.
- Fix to snmpTrapOID construction at ...proxy.rfc2576.v1ToV2() function.
- Fix to MibViewController.getNodeName() to take MIB module name into account (SF bug #1505847).
- Do explicit check for Counter32,Unsigned32,TimeTicks,Counter64 value types in MibTableRow index conversion and in TextualConvention.prettyPrint() methods (SF bug #1506341). Handle Bits in indices as RFC2578 suggests.
- Apply read-create column status to libsmi2pysnmp-generated code whenever MIB text specifies that (SF bug #1508955).
- Honor and apply DISPLAY-HINT specification when building TextualConvention class at libsmi2pysnmp.
- Managed Objects Instances files (smi/mibs/instances/) are now double-underscore prefixed to make them imported explicitly by these prefixed names. They used to be imported as a side-effect of Managed Objects files import what is way too hackerish.
- The libsmi2pysnmp now supports future libsmi bugfix that would generate "ranges" subtree along with the legacy and ambiguous "range" one.
- SMI support for fixed-length string indices implemented (SF bug #1584799, #1653908).
- Managed Object Instances may now have smiRead, smiWrite, smiCreate methods to support specific value mangling. These methods, if present, would be invoked from SNMP [Agent] core instead of conventional clone() method. The reason is to separate trivial value duplication from specific Instance value mangling that may have Agent-specific side effects (such as RowStatus).
- MIB table row destruction now works (SF bug #1555010).
- LCD unconfiguration functions for oneliners implemented (SF bug #1635270).
- unloadModules() and unexportSymbols() implemented at MibBuilder
- Notification type PDU proxy code fixed to produce symmetrical conversion.
- Various SNMP engine-internal caches expiration implemented.
- SMI-level access control now takes effect only if AC object is passed to MIB instrumentation API.
- LCD management code now uses generic MIB instrumentation features.
- Fix to oneliner manager code to have individual UdpSocketTransport instance per each SnmpEngine. Multithreaded apps might fail otherwise. (SF bug ID #1586420).
- Exclude the PYSNMP_MODULE_ID symbol from MIB view index, as it may get resolved into OID label instead of actual MIB object name.
- Memory leak fixed in indices.OidOrderedDict implementation.
- Fix to VACM shortcuts to let notifications and requests to co-exist for the same user otherwise.
- Fix to ...oneliner.cmdgen.UsmUserData to support non-default ciphers.
- USM now uses local notion of snmpEngineBoots/Time when authoritative and cached estimate otherwise. Also, a security fix applied to to USM
- time-window verification (SF bug #1649032).
- Fix to notification objects resolution code at NotificationOriginator.sendNotification()
- Do not raise securityLevel for USM error reports that lacks user information, as these reports could never be ciphered (SF bug #1624720).
- Non-default BULK PDU params now actually applied.
- SnmpEngineID default value generation algorithmic function changed to allow multiple SNMP engines running on the same host.
- Documentation updated.
- A handful of minor fixes applied (SourceForge tracker IDs #1537592, #1537600, #1537659, #1548208, #1560939, #1563715, #1575697, #1599220, #1615077, #1615365, #1616579).

Revision 4.1.6a, released 2006-05-25
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- UNSTABLE ALPHA RELEASE.
- pysnmpUsmSecretAuthKey and pysnmpUsmSecretPrivKey length increased up to 256 octets. There seems no limit on this in RFC, though.
- A workaround for probably broken Agents: SNMPv3 Manager code defaults ContextEngineId to SecurityEngineId whenever ContextEngineId is not reported by authoritative SNMP engine on discovery.
- Use empty PDU in engine-discovery report at mpmod/rfc3412.py.
- MibBuilder.loadModules() now fails on missing MIB files.
- MibBuilder.exportSymbols() now accepts unnamed objects (likely Managed Objects Instances)
- SNMPv2-SMI.MibScalarInstance objects now support create*/destroy* Management Instrumentation methods to pass Columnar Object creation and removal events. MibTableColumn class invoke these methods accordingly.
- Fix to AsynNotificationOriginator.asyncSendNotification() callback formal parameters
- Initial VACM configuration implemented according to rfc3415 Appendix 1
- tools/buildmibs.sh split-up and re-implemented as tools/build-pysnmp-mib and pysnmp-mibs/tools/rebuild-pysnmp-mibs for better usability. These and libsmi2pysnmp scripts made installable.
- Types/Notifications/Groups exportSymbols() call chunking implemented in tools/libsmi2pysnmp
- Initial values specified to pyasn1 types to comply with latest pyasn1 API.
- Documentation improved
- Minor fixes towards Python 1.5 compatibility

Revision 4.1.5a, released 2005-11-04
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- UNSTABLE ALPHA RELEASE.
- Multi-lingual SNMP Trap/Inform Applications completed; examples added
- SMI model re-designed to make a clear separation between Managed Objects and their specification (AKA Agent and Manager side)
- SNMP SET Application support completed
- Minor, though backward incompatible, changes to one-liner API
- Many bugfixes

Revision 4.1.4a, released 2005-08-16
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- UNSTABLE ALPHA RELEASE.
- SHA-based authentication fixed and privacy implemented
- ...oneliner.cmdgen.UsmUserData constructor now takes authProtocol and privProtocol parameters in a backward incompatible manner.

Revision 4.1.3a, released 2005-07-28
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- UNSTABLE ALPHA RELEASE.
- rfc3413 applications API changes (related to callback function behaviour).
- TransportDispatcher now provides "jobs" interface to clients for better control of dispatcher's execution.
- Many minor fixes.

Revision 4.1.2a, released 2005-07-12
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- UNSTABLE ALPHA RELEASE.
- Top-level application classes renamed into longer, self describing names for clarity.
- CommandResponder & NotificationOriginator applications now uses stand-alone SnmpContext for application registration.
- Many minor fixes (inspired by testing on WinXP)

Revision 4.1.1a, released 2005-06-29
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- UNSTABLE ALPHA RELEASE.
- SNMPv3 code first published
- SNMP engine and applications implemented on library level
- Major re-design towards SNMPv3-style API.

Revision 4.0.2a, released 2005-03-01
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- Adopted to slightly changed asyncore API (as shipped with python 2.4)

Revision 4.0.1a, released 2004-11-18
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- Minor bug/typo fixes, mostly in example/ scripts.

Revision 4.0.0a, released 2004-11-15
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- UNSTABLE EARLY ALPHA RELEASE.
- Major re-design and re-implementation.
- Rudimental API versioning implemented to let incompatible package branches to co-exist within the same Python installation.
- SMI framework designed and implemented. This framework provides 1) various access to MIB data 2) a way to implement custom MIB instrumentation objects. There's also a tool for building SMI classes from libsmi(3) output (smidump -f python).
- ASN.1 subtyping machinery implemented. Now dynamic ASN.1 instances subtyping and querying becomes available. Previously, this has been done through Python classes inheritance what proved to be a wrong concept.
- ASN.1 codecs framework re-designed and re-implemented aimed at a more consistent design and better performance. Highlights include abstract codec interface and serialized data caching (at encoder).
- Asn1Item constraints machinery re-implemented based on Mike C. Fletcher's design and code. Now various constrains are implemented as stand-alone objects serving interested Asn1Object derivatives through some abstract protocol (that's probably the Decorator design pattern).
- ASN.1 tagging facility re-implemented along the client-server design pattern. Besides this seems to be a more appropriate design, it allows an easier way for dynamic subtyping.

Found in path(s):
* /opt/cola/permits/1159252800_1620104435.39/0/etingof-pysnmp-v4-4-12-0-g1dcc042-1-tar-gz/etingof-pysnmp-1dcc042/CHANGES.txt
No license file was found, but licenses were detected in source scan.

Further development
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Although PySNMP is already a mature software and it is being used at many places, the ultimate goal of the project is to implement most of the useful features that SNMP standards can offer. What follows is a list of most prominent missing features that PySNMP developers are planning to put their hands on in the future.

PySNMP library
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#. Built-in MIB parser. PySNMP uses a data model of its own to work with information contained in MIB files. To convert ASN.1-based MIB texts into Python modules, an off-line, third-party tool is employed. As it
turns out, this approach has two major drawbacks: one is that PySNMP users may need to pre-process MIB texts to use them with their PySNMP-based applications. Another is that LibSMI's Python driver seems to miss some information carried by MIBs. Thus the solution would be to write another MIB parser and code generator which would produce PySNMP compliant Python code right from MIB text files all by itself.

**Done:** see `PySMI project <http://snmplabs.com/pysmi/>`_ in conjunction with the latest PySNMP codebase.

#. Reverse MIB index. The variable-bindings received by the system whilst in Manager role could be post-processed using the information kept in MIB files to include human-friendly OIDs names, tables indices and values representation. However, there is currently no provisioning in the PySNMP system for locating and loading up MIB files containing additional information on arbitrary OIDs. So the idea is to maintain an OID-to-MIB index to let PySNMP load relevant MIB automatically on demand.

#. Stream sockets support. Currently, PySNMP transport subsystem only supports datagram-type network sockets. That covers UDP-over-IPv4 and UDP-over-IPv6. However, SNMP engine can potentially run over stream-oriented protocols what would let it support TCP-over-IPv4, TCP-over-IPv6 and SSL/TSL transports. Neither of these is currently implemented with PySNMP.

#. AgentX implementation. We anticipate many uses of this. For instance, having AgentX protocol support in pure-Python would let us write AgentX modules in pure-Python and attach them to high-performance Net-SNMP Agent. Or we could build and maintain a fully-featured, stand-alone PySNMP-based Agent so that users would write their own AgentX extensions what would comprise a complete SNMP Agent solution at lesser effort.

#. A DBMS-based SMI. Currently implemented SMI takes shape of live Python objects that let user hook up his own handler on any existing Managed Object Instance. That's flexible and working approach in many cases, however sometimes, for instance when Management Instrumentation is inherently DBMS-based, it may be more efficient to move the entire SMI/MIB subsystem into a database. PySNMP engine would talk to it through its simple and well defined SMI API.

Stand-alone PySNMP-based tools
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#. SNMP Proxy Forwarder. That would be a stand-alone, application-level proxy service supporting all SNMP versions, multiple network transports, Command and Notification SNMP message types. Its anticipated features include extensive configuration facilities, fine-grained access control and logging.
**Done:** see `SNMP Proxy Forwarder <http://snmplabs.com/snmpfwd/>`_.

#. SNMP Trap Receiver. We see this application as a simple yet flexible SNMP TRAP collector. It would listen on network sockets of different types receiving SNMP TRAP/INFORM notifications over any SNMP version and putting all the details into a database and possibly triggering external events.

#. Database backend for SNMP Simulator. We have already built a tool for simulating SNMP Agents based on a snapshot of their Management Instrumentation state. Current implementation uses a plain-text file for keeping and possibly managing the snapshot. Many users of the Simulator software requested a value variation feature to be supported so that simulated Agents would look live, not static. We consider this variation and also dependencies features would be best implemented as a relational database application. So we are planning to put some more efforts into the Simulator project as time permits.

**Done:** since `snmpsim-0.2.4 <http://snmplabs.com/snmpsim/>`_.

If you need some particular feature - please, `open a feature request <https://github.com/etingof/pysnmp/issues/new>`_. Once we see a greater demand in particular area, we would re-arrange our development resources to meet it sooner.

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Contributions to the PySNMP source code is greatly appreciated as well. We require contributed code to run with Python 2.4 through the latest Python version (which is 3.7 at the time of this writing). Contributed code will be redistributed under the terms of the same `license <http://snmplabs.com/pysnmp/>`_ as PySNMP is.

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*/
/*
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its { @link ChannelPipeline}.  
* 
* <h3>Sub-types</h3>
* <p>
* [ @link ChannelHandler] itself does not provide many methods, but you usually have to implement one of its
* subtypes:
* <ul>
* <li>[ @link ChannelInboundHandler] to handle inbound I/O events, and</li>
* <li>[ @link ChannelOutboundHandler] to handle outbound I/O operations.</li>
* </ul>
* 
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>[ @link ChannelInboundHandlerAdapter] to handle inbound I/O events,</li>
* <li>[ @link ChannelOutboundHandlerAdapter] to handle outbound I/O operations, and</li>
* <li>[ @link ChannelDuplexHandler] to handle both inbound and outbound events</li>
* </ul>
* 
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
* 
* <h3>The context object</h3>
* <p>
* A [ @link ChannelHandler] is provided with a [ @link ChannelHandlerContext]
* object. A [ @link ChannelHandler] is supposed to interact with the
* [ @link ChannelPipeline] it belongs to via a context object. Using the
* context object, the [ @link ChannelHandlerContext] can pass events upstream or
* downstream, modify the pipeline dynamically, or store the information
* (using [ @link AttributeKey]s) which is specific to the handler.
* 
* <h3>State management</h3>
* 
* A [ @link ChannelHandlerContext] often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*  // your methods here
* } 
*
* public class DataServerHandler extends [@link SimpleChannelInboundHandler]<Message>&gt; { 
*   
*   private boolean loggedIn;
*   
*   { @code @Override
*   public void channelRead0([@link ChannelHandlerContext] ctx, Message message) {
*       if (message instanceof LoginMessage) {
*           authenticate((LoginMessage) message);
*           loggedIn = true;
*       } else (message instanceof GetDataMessage) {
*           if (loggedIn) {
*               ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*           } else {
*               fail();
*           }
*       }
*   }
*   ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See [@link ChannelInitializer#initChannel(Channel)].
* public class DataServerInitializer extends [@link ChannelInitializer]<{@link Channel}> { 
*   { @code @Override
*   public void initChannel([@link Channel] channel) {
*       channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*   }
* }
* </pre>
*
* <h4>Using [@link AttributeKey]s</h4>
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use [@link AttributeKey]s which is provided by
* {[@link ChannelHandlerContext]}:
* <pre>
* public interface Message { 
*   // your methods here
* }
* 
* {[@code @Sharable}
* public class DataServerHandler extends [@link SimpleChannelInboundHandler]&lt;Message&gt; {  
*     private final [@link AttributeKey]&lt;@link Boolean&gt; auth =  
*         [@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")]  
*         {  
*             @code @Override  
*             public void channelRead([@link ChannelHandlerContext] ctx, Message message) {  
*                 [@link Attribute]@[link Boolean] attr = ctx.attr(auth);  
*                 if (message instanceof LoginMessage) {  
*                     authenticate((LoginMessage) o);  
*                     &lt;b&gt;attr.set(true)&lt;/b&gt;;  
*                 } else (message instanceof GetDataMessage) {  
*                     if (&lt;b&gt;Boolean.TRUE.equals(attr.get())&lt;/b&gt;) {  
*                         ctx.writeAndFlush(fetchSecret((GetDataMessage) o));  
*                     } else {  
*                         fail();  
*                     }  
*                 }  
*             }  
*             ...  
*         }  
*     }  
* </pre>
* Now that the state of the handler is attached to the [@link ChannelHandlerContext], you can add the  
* same handler instance to different pipelines:  
* &lt;pre&gt;
* public class DataServerInitializer extends [@link ChannelInitializer]&lt;@link Channel&gt; {  
*         private static final DataServerHandler &lt;b&gt;SHARED&lt;/b&gt; = new DataServerHandler();  
*         @code @Override  
*         public void initChannel([@link Channel] channel) {  
*             channel.pipeline().addLast("handler", &lt;b&gt;SHARED&lt;/b&gt;);  
*         }  
*     }  
* &lt;/pre&gt;
* *
* &lt;h4&gt;The [@code @Sharable] annotation&lt;/h4&gt;
* &lt;p&gt;
* In the example above which used an [@link AttributeKey],  
* you might have noticed the [@code @Sharable] annotation.  
* &lt;p&gt;
* If a [@link ChannelHandler] is annotated with the [@code @Sharable]  
* annotation, it means you can create an instance of the handler just once and  
* add it to one or more [@link ChannelPipeline]s multiple times without  
* a race condition.  
* &lt;p&gt;
* If this annotation is not specified, you have to create a new handler  
* instance every time you add it to a pipeline because it has unshared state

* such as member variables.

* <p>
* This annotation is provided for documentation purpose, just like
* <p>
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the {@link ChannelHandler}, and
* [@link ChannelPipeline] to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
* */

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  jar/io/netty/bootstrap/AbstractBootstrapConfig.java
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  jar/io/netty/channel/DefaultSelectStrategy.java
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  jar/io/netty/channel/DefaultSelectStrategyFactory.java
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  jar/io/netty/channel/nio/SelectedSelectionKeySet.java
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  jar/io/netty/channel/ChannelId.java
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  jar/io/netty/channel/MessageSizeEstimator.java
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  jar/io/netty/channel/embedded/EmbeddedChannel.java
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- /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-jar/io/netty/buffer/PoolSubpageMetric.java
- /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-jar/io/netty/buffer/PoolArenaMetric.java
- /opt/cola/permits/1110676916_1606844031.03/0/netty-buffer-4-1-39-final-sources-1-jar/io/netty/buffer/PoolChunkListMetric.java

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1.2090 picketlink-impl 2.5.5.SP12

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1.2091 springfox-schema 2.8.0

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*/opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/SimpleMethodSignatureEquality.java

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* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/DefaultModelDependencyProvider.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/ModelPropertyProvider.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/ModelPropertiesProvider.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/ModelDependencyProvider.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/ResolvedTypes.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/Maps.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/bean/ParameterModelProperty.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/bean/AccessorsProvider.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/PojoPropertyBuilderFactory.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/bean/BeanModelProperty.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/bean/Accessors.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/BeanPropertyNamingStrategy.java
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* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/property/Collections.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/property/Beans.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/property/ModelProperty.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-jar/springfox/documentation/schema/property/property/Maps.java
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  jar/springfox/documentation/schema/property/OptimizedModelPropertiesProvider.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-
  jar/springfox/documentation/schema/Types.java
* /opt/cola/permits/1001071304_1646171619.71/0/springfox-schema-2-8-0-sources-
  jar/springfox/documentation/schema/JacksonEnumTypeDeterminer.java

1.2092 linux-kernel 3.10.0

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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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Preamble

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To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original
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Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary
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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above
specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
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/* nicstar.c v0.22 Jawaid Bazyar (bazyar@hypermall.com)
 * nicstar.c, M. Welsh (matt.welsh@cl.cam.ac.uk)
 *
 * Hacked October, 1997 by Jawaid Bazyar, Interlink Advertising Services Inc.
 * http://www.hypermall.com/
 * 10/1/97 - commented out CFG_PHYIE bit - we don't care when the PHY
 * interrupts us (except possibly for removal/insertion of the cable?)
 * 10/4/97 - began heavy inline documentation of the code. Corrected typos
 * and spelling mistakes.
 * 10/5/97 - added code to handle PHY interrupts, disable PHY on
 * loss of link, and correctly re-enable PHY when link is
 * re-established. (put back CFG_PHYIE)
 *
 * Modified to work with the IDT7721 nicstar -- AAL5 (tested) only.
 *
 * R. D. Rechenmacher <ron@fnal.gov>, Aug. 6, 1997
 *
 * Linux driver for the IDT77201 NICStar PCI ATM controller.
 * PHY component is expected to be 155 Mbps S/UNI-Lite or IDT 77155;
 * see init_nicstar() for PHY initialization to change this. This driver
 * expects the Linux ATM stack to support scatter-gather lists
 * (skb->atm.iovcnt != 0) for Rx skb's passed to vcc->push.
 *
 * Implementing minimal-copy of received data:
 * IDT always receives data into a small buffer, then large buffers
 * as needed. This means that data must always be copied to create
 * the linear buffer needed by most non-ATM protocol stacks (e.g. IP)
 * Fix is simple: make large buffers large enough to hold entire
 * SDU, and leave <small_buffer_data> bytes empty at the start. Then
 * copy small buffer contents to head of large buffer.
 * Trick is to avoid fragmenting Linux, due to need for a lot of large
 * buffers. This is done by 2 things:
 * 1) skb->destructor / skb->atm.recycle_buffer
 * combined, allow nicstar_free_rx_skb to be called to
 * recycle large data buffers
 * 2) skb_clone of received buffers
 * See nicstar_free_rx_skb and linearize_buffer for implementation
 * details.
 *
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* Foundation, Inc., 675 Mass Ave, Cambridge, MA 02139, USA.
*
* M. Welsh, 6 July 1996
*
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for the tda1004x frontend driver, and various bugfixes

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the module unloading problems, ...

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Jean-Francois Thibert <jeanfrancois@sagetv.com>
for the nxt2004 frontend driver

Kirk Lapray <kirk.lapray@gmail.com>
for the or51211 and or51132 frontend drivers, and
for merging the nxt2002 and nxt2004 modules into a
single nxt200x frontend driver.
(If you think you should be in this list, but you are not, drop a line to the DVB mailing list)
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 */
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
    }
}
this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
* Indicates that this permission has been allocated by default.
* Authorization View handlers may use this property in order to restrict
* the list of scopes which may be refused to non-default scopes only
* @param isDefault
*/
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}
}

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import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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The ziggurat methods were derived from Julia.

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# SFC64

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Adapted from a C++ implementation of Chris Doty-Humphrey's SFC PRNG.

https://gist.github.com/imneme/f1f7821f07cf76504a97f6537c818083

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The `rk_random` and `rk_seed` functions algorithms and the original design of the Mersenne Twister RNG:

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Original algorithm for the implementation of `rk_interval` function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by
Magnus Jonsson.

Constants used in the rk_double implementation by Isaku Wada.

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1.2111 grizzly-http-servlet 1.9.8

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1.2118 ordered-set 4.0.2

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1.2121 click 7.1.2

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Found in path(s):
* /opt/cola/permits/1160566381_1620335255.38/0/pallets-click-7-1-2-0-g1784558-1-tar-gz/pallets-click-1784558/src/click/_compat.py

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```python
import io
import re
from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("src/click/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r"__version__ = "(.*)"", f.read()).group(1)

setup(
    name="click",
    version=version,
    url="https://palletsprojects.com/p/click/",
    project_urls={
        "Documentation": "https://click.palletsprojects.com/",
        "Code": "https://github.com/pallets/click",
        "Issue tracker": "https://github.com/pallets/click/issues",
    },
    license="BSD-3-Clause",
    maintainer="Pallets",
    maintainer_email="contact@palletsprojects.com",
    description="Composable command line interface toolkit",
    long_description=readme,
    packages=find_packages("src"),
    package_dir={"": "src"},
    include_package_data=True,
    python_requires=">=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*",
    classifiers=[
        "Development Status :: 5 - Production/Stable",
        "Intended Audience :: Developers",
        "License :: OSI Approved :: BSD License",
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Open Source Used In Data Center Network Manager 11 11.5(4) 20249
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1.2124 hibernate-search-backend-jms 5.10.3.Final

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It contains the certificates in PEM format and therefore
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1.2127 plexus-utils 3.2.0
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1.2131 jaeger-core 0.30.6

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1.2133 jinja2 2.9.5
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    analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
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  <meta name="viewport" content="width=device-width, initial-scale=1" />
  <link rel="shortcut icon" href="https://opensource.org/files/osi_favicon.png" type="image/png" />
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*/opt/cola/permits/1265207239_1643886408.45/0/wildfly-elytron-password-impl-1-11-2-final-sources-
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* /opt/cola/permits/1265207239_1643886408.45/0/wildfly-elytron-password-impl-1-11-2-final-sources-jar/org/wildfly/security/password/spi/MaskedPasswordImpl.java

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* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/SnappyFramedDecoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2HuffmanStageEncoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2Decoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2MoveToFrontTable.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/SnappyFramedEncoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Lz4FrameDecoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Lz4FrameEncoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2MoveToFrontTable.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/SnappyFramedEncoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Lz4FrameDecoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Lz4FrameEncoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2BitReader.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2DivSufSort.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/FastLzFrameEncoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/DecoderResultProvider.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/LzmaFrameEncoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2BlockCompressor.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2HuffmanStageDecoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2HuffmanAllocator.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Lz4Constants.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2Constants.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2Encoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2Decoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/AsciiHeadersEncoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/MessageAggregationException.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Bzip2HuffmanAllocator.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Lz4Constants.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/Lz4FrameDecoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4.1-53-final-sources-
  jar/io/netty/handler/codecs/compression/SnappyFramedEncoder.java
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Found in path(s):
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
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Found in path(s):
* /opt/cola/permits/1104729131_1604648967.07/0/netty-codec-4-1-53-final-sources-jar/io/netty/handler/codec/compression/Lz4XXHash32.java
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 */

/**
 * A decoder that splits the received [ @link ByteBuf\]s dynamically by the
 * value of the length field in the message. It is particularly useful when you
 * decode a binary message which has an integer header field that represents the
 * length of the message body or the whole message.
 */

/*
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
* 
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD". By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field. Therefore, it can be decoded with the simplistic parameter
* combination.
*
* <h3>2 bytes length field at offset 0, strip header</h3>
* 
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>. In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
* represents the length of the whole message</h3>
*
In most cases, the length field represents the length of the message body only, as shown in the previous examples. However, in some protocols, the length field represents the length of the whole message, including the message header. In such a case, we specify a non-zero \(<tt>\text{lengthAdjustment}\end{tt}\). Because the length value in this example message is always greater than the body length by \(<tt>2</tt>\), we specify \(<tt>-2</tt>\) for compensation.

\[
\begin{array}{c}
\text{lengthFieldOffset} = 0 \\
\text{lengthFieldLength} = 2 \\
\text{lengthAdjustment} = -2 \ (= \text{the length of the Length field}) \\
\text{initialBytesToStrip} = 0 \\
\end{array}
\]

* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)

\[
\begin{array}{c|c|}
\text{Length} & \text{Actual Content} \\
\hline
0x000E & \text{"HELLO, WORLD"} \\
\hline
\end{array}
\]

* BEFORE DECODE (17 bytes)         AFTER DECODE (17 bytes)

\[
\begin{array}{c|c|}
\text{Header 1} | \text{Length} | \text{Actual Content} \\
\hline
0xCAFE | 0x00000C | \text{"HELLO, WORLD"} \\
\hline
\end{array}
\]

* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)

* \(<tt>\text{lengthFieldOffset}\end{tt}>\) = \(<tt>2</tt>\) (= the length of Header 1)
* \(<tt>\text{lengthFieldLength}\end{tt}>\) = \(<tt>3</tt>\)
* \(<tt>\text{lengthAdjustment}\end{tt}>\) = \(<tt>0</tt>\)
* \(<tt>\text{initialBytesToStrip}\end{tt}>\) = \(<tt>0</tt>\)

* BEFORE DECODE (17 bytes)         AFTER DECODE (17 bytes)

* \(<tt>\text{lengthFieldOffset}\end{tt}>\) = \(<tt>0</tt>\)
* \(<tt>\text{lengthFieldLength}\end{tt}>\) = \(<tt>3</tt>\)

* This is an advanced example that shows the case where there is an extra header between the length field and the message body. You have to specify a positive \(<tt>\text{lengthAdjustment}\end{tt}>\) so that the decoder counts the extra header into the frame length calculation.
* `<b>lengthAdjustment</b> = 2` (= the length of Header 1)
* `<b>initialBytesToStrip = 0</b>`
*
* **BEFORE DECODE (17 bytes) ** **AFTER DECODE (17 bytes)**

* | Length | Header 1 | Actual Content | -----> | Length | Header 1 | Actual Content |
* | 0x0000C | 0xCAFE | "HELLO, WORLD" |      | 0x0000C | 0xCAFE | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
* 
* `<h3>2 bytes length field at offset 1 in the middle of 4 bytes header,<h3>`
* strip the first header field and the length field</h3>
* 
* * This is a combination of all the examples above. There are the prepended
  * header before the length field and the extra header after the length field.
* The prepended header affects the `<tt>lengthFieldOffset</tt>` and the extra
  * header affects the `<tt>lengthAdjustment</tt>`. We also specified a non-zero
  * `<tt>initialBytesToStrip</tt>` to strip the length field and the prepended
  * header from the frame. If you don't want to strip the prepended header, you
  * could specify `<tt>0</tt>` for `<tt>initialBytesToSkip</tt>`.
* `<pre>`
* 
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* `<b>lengthAdjustment</b> = 1` (= the length of HDR2)
* `<b>initialBytesToStrip</b> = 3` (= the length of HDR1 + LEN)
* *
* **BEFORE DECODE (16 bytes) ** **AFTER DECODE (13 bytes)**

* | HDR1 | Length | HDR2 | Actual Content | -----> | HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* 
* `<h3>2 bytes length field at offset 1 in the middle of 4 bytes header,<h3>`
* strip the first header field and the length field, the length field
* represents the length of the whole message</h3>
* 
* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into `<tt>lengthAdjustment</tt>`.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.
* `<pre>`
* 
* lengthFieldOffset   = 1
* lengthFieldLength   = 2
* `<b>lengthAdjustment</b> = 3` (= the length of HDR1 + LEN, negative)
* `<b>initialBytesToStrip</b> = 3`
1.2145 nested-lookup 0.2.17

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Metada-Version: 1.1
Name: nested-lookup
Version: 0.2.17
Summary: Python functions for working with deeply nested documents (lists and dicts)
Home-page: https://github.com/russellballestrini/nested-lookup
Author: Russell Ballestrini
Author-email: russell@ballestrini.net
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Description: nested_lookup

.. image:: https://img.shields.io/badge/pypi-0.2.17-green.svg
  :target: https://pypi.python.org/pypi/nested-lookup

.. image:: https://travis-ci.org/rameshrvr/nested-lookup.svg?branch=master
  :target: https://travis-ci.org/rameshrvr/nested-lookup
Make working with JSON, YAML, and XML document responses fun again!

The `nested_lookup` package provides many Python functions for working with deeply nested documents. A document in this case is a mixture of Python dictionary and list objects typically derived from YAML or JSON.

*nested_lookup:*
Perform a key lookup on a deeply nested document.
Returns a `list` of matching values.

*nested_update:*
Given a document, find all occurrences of the given key and update the value.
By default, returns a copy of the document.
To mutate the original specify the `in_place=True` argument.

*nested_delete:*
Given a document, find all occurrences of the given key and delete it.
By default, returns a copy of the document.
To mutate the original specify the `in_place=True` argument.

*nested_alter:*
Given a document, find all occurrences of the given key and alter it with a callback function
By default, returns a copy of the document.
To mutate the original specify the `in_place=True` argument.

*get_all_keys:*
Fetch all keys from a deeply nested dictionary.
Returns a `list` of keys.

*get_occurrence_of_key/get_occurrence_of_value:*
Returns the number of occurrences of a key/value from a nested dictionary.

For example function invocations, please see the tutorial.

.. contents::

install

=======

install from pypi using pip:

pip install nested-lookup

or easy_install:

easy_install nested-lookup
or install from source using::

```
git clone https://github.com/russellballestrini/nested-lookup.git
cd nested-lookup
pip install .
```

quick tutorial
==============

```python
>>> from nested_lookup import nested_lookup

>>> document = [{ 'taco' : 42 }, { 'salsa' : [ { 'burrito' : { 'taco' : 69 } } ] }]

>>> print(nested_lookup('taco', document))
[42, 69]

>>> from nested_lookup import nested_update, nested_delete

>>> nested_update(document, key='burrito', value='Test')
[{'taco': 42}, {'salsa': [{'burrito': 'Test'}]}]

>>> nested_delete(document, 'taco')
[{}, {'salsa': [{'burrito': {}}]}]
```

*Nested Alter*:
write a callback function which processes a scalar value.
Be aware about the possible types which can be passed to the callback functions.
In this example we can be sure that only int will be passed, in production you should check the type because it could be anything.

```python
>>> def callback(data):
    return data + 10 # add 10 to every taco prize

The alter-version only works for scalar input (one dict), if you need to adress a list of dicts, you have to manually iterate over those and pass them to nested_update one by one

```python
>>> out =[]
>>> for elem in document:
```
```python
>>> altered_document = nested_alter(elem,"taco", callback)
>>> out.append(altered_document)

>>> print(out)

>>> from nested_lookup import get_all_keys

>>> get_all_keys(document)
['taco', 'salsa', 'burrito', 'taco']

>>> from nested_lookup import get_occurrence_of_key, get_occurrence_of_value

>>> get_occurrence_of_key(document, key='taco')
2

>>> get_occurrence_of_value(document, value='42')
1

longer tutorial
===============

You may control the function's behavior by passing some optional arguments.

wild (defaults to `False`):
if `wild` is `True`, treat the given `key` as a case insensitive substring when performing lookups.

with_keys (defaults to `False`):
if `with_keys` is `True`, return a dictionary of all matched keys and a list of values.

For example, given the following document:

```python
from nested_lookup import nested_lookup

my_document = {
    'name' : 'Russell Ballestrini',
    'email_address' : 'test1@example.com',
    'other' : {
        'secondary_email' : 'test2@example.com',
        'EMAIL_RECOVERY' : 'test3@example.com',
        'email_address' : 'test4@example.com',
    },
}
```

```
Next, we could act `wild` and find all the email addresses like this:

```python
results = nested_lookup(
    key = 'mail',
    document = my_document,
    wild = True
)

print(results)
```

```python
['test1@example.com', 'test4@example.com', 'test2@example.com', 'test3@example.com']
```

Additionally, if you also needed the matched key names, you could do this:

```python
results = nested_lookup(
    key = 'mail',
    document = my_document,
    wild = True,
    with_keys = True,
)

print(results)
```

```python
{   'email_address': ['test1@example.com', 'test4@example.com'],
    'secondary_email': ['test2@example.com'],
    'EMAIL_RECOVERY': ['test3@example.com']
}
```

To Get / Delete / Update a key->value pair in nested document

```python
from nested_lookup import nested_update, nested_delete

result = nested_delete(my_document, 'EMAIL_RECOVERY')

print(result)  # result => {'other': {'secondary_email': 'test2@example.com', 'email_address':
```
result = nested_update(my_document, key='other', value='Test')

print(result)  # result => {'other': 'Test', 'email_address': 'test1@example.com', 'name': 'Russell Ballestrini'}

To get a list of every nested key in a document, run this:

.. code-block:: python

    from nested_lookup import get_all_keys
    keys = get_all_keys(my_document)
    print(keys)

    ['name', 'email_address', 'other', 'secondary_email', 'EMAIL_RECOVERY', 'email_address']

To get the number of occurrence of the given key/value

.. code-block:: python

    from nested_lookup import get_occurrence_of_key, get_occurrence_of_value
    no_of_key_occurrence = get_occurrence_of_key(my_document, key='email_address')
    print(no_of_key_occurrence)  # result => 2
    no_of_value_occurrence = get_occurrence_of_value(my_document, value='test2@example.com')
    print(no_of_value_occurrence)  # result => 1

misc

========

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:authors:
* Russell Ballestrini
* Douglas Miranda
* Ramesh RV
* Salfii (Florian S.)
Keywords: nested document dictionary dict list lookup schema json xml yaml
Platform: All
Classifier: Programming Language :: Python :: 2.6
Classifier: Programming Language :: Python :: 2.7
Classifier: Programming Language :: Python :: 3.5
Classifier: Programming Language :: Python :: 3.6
Classifier: Programming Language :: Python :: 3.7

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/*-

Found in path(s):
*
*/

Id: BuilderErrorHandler.java,v 1.12 2004/02/06 09:28:31 jhunter Exp $

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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/input/BuilderErrorHandler.java
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/*

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Found in path(s):
  */opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/input/JDOMParseException.java
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$Id: JDOMResult.java,v 1.23 2004/08/31 06:10:38 jhunter Exp $

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/*--

$Id: IllegalAddException.java,v 1.25 2004/02/06 09:28:30 jhunter Exp $

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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/Parent.java
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$Id: XercesDOMAdapter.java,v 1.18 2004/02/06 09:28:31 jhunter Exp $

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$Id: AbstractFilter.java,v 1.5 2004/02/27 11:32:58 jhunter Exp $

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$Id: EscapeStrategy.java,v 1.3 2004/02/06 09:28:32 jhunter Exp $

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$Id: AndFilter.java,v 1.3 2004/02/06 09:28:31 jhunter Exp $

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$Id: DOMBuilder.java,v 1.59 2004/09/03 06:03:41 jhunter Exp $

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Found in path(s):
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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/jdom/input/SAXHandler.java
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$Id: OracleV2DOMAdapter.java,v 1.18 2004/02/06 09:28:31 jhunter Exp $

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Found in path(s):
  * /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-
jar/org/jdom/adapters/OracleV2DOMAdapter.java
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$Id: CDATA.java,v 1.30 2004/02/27 11:32:57 jhunter Exp $

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$Id: ProcessingInstruction.java,v 1.46 2004/02/27 11:32:57 jhunter Exp $

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Found in path(s):
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$Id: CrimsonDOMAdapter.java,v 1.16 2004/02/06 09:28:31 jhunter Exp $

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$Id: TextBuffer.java,v 1.8 2004/02/06 09:28:31 jhunter Exp $

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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/input/TextBuffer.java
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$Id: ContentList.java,v 1.39 2004/02/28 03:30:27 jhunter Exp $

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$Id: DOMOutputter.java,v 1.41 2004/09/03 06:03:42 jhunter Exp $

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$Id: OrFilter.java,v 1.4 2004/02/06 09:28:31 jhunter Exp $

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$Id: IllegalTargetException.java,v 1.14 2004/02/06 09:28:30 jhunter Exp $

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$Id: JAXPParserFactory.java,v 1.5 2004/02/27 21:08:47 jhunter Exp $

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$Id: Filter.java,v 1.9 2004/02/06 09:28:31 jhunter Exp $

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$Id: Attribute.java,v 1.52 2004/03/01 23:58:28 jhunter Exp $

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$Id: XSLTransformer.java,v 1.2 2004/02/06 09:28:32 jhunter Exp $

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$Id: NamespaceStack.java,v 1.13 2004/02/06 09:28:32 jhunter Exp $

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$Id: IllegalNameException.java,v 1.13 2004/02/06 09:28:30 jhunter Exp $

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$Id: AttributeList.java,v 1.23 2004/02/28 03:30:27 jhunter Exp $

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$Id: Element.java,v 1.152 2004/09/03 06:35:39 jhunter Exp $

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$Id: FilterIterator.java,v 1.5 2004/08/31 19:36:12 jhunter Exp $

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$Id: XML4JDOMAdapter.java,v 1.17 2004/02/06 09:28:31 jhunter Exp $

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/*--
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* /opt/cola/permits/1000099892_1646171453.54/0/jdom-1-0-sources-jar/org/jdom/adapters/OracleV1DOMAdapter.java
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$Id: DataConversionException.java,v 1.13 2004/02/06 09:28:30 jhunter Exp $

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$Id: Format.java,v 1.10 2004/09/07 06:37:20 jhunter Exp $

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$Id: EntityRef.java,v 1.21 2004/02/27 11:32:57 jhunter Exp $

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$Id: XPath.java,v 1.15 2004/02/06 09:28:32 jhunter Exp $

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$Id: JDOMSource.java,v 1.18 2004/08/31 04:43:48 jhunter Exp $

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1.2151 diffutils 3.3 5.el7

1.2151.1 Available under license:

/* diff - compare files line by line


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#define GDIFF_MAIN
#include "diff.h"
#include <cassert.h>
#include "paths.h"
#include <c-stack.h>
#include <dirname.h>
#include <error.h>
#include <exclude.h>
#include <error.h>
#include <error.h>
#include <exitfail.h>
#include <filenamecat.h>
#include <file-type.h>
#include <fnmatch.h>
#include <getopt.h>
#include <hard-locale.h>
#include <prepargs.h>
#include <progsname.h>
#include <sh-quote.h>
#include <stat-time.h>
#include <timespec.h>
#include <version-etc.h>
#include <xalloc.h>
#include <xreadlink.h>
#include <binary-io.h>
/* The official name of this program (e.g., no 'g' prefix). */
define PROGRAM_NAME "diff"

#define AUTHORS\
proper_name ("Paul Eggert"), \\
proper_name ("Mike Haertel"), \\
proper_name ("David Hayes"), \\
proper_name ("Richard Stallman"), \\
proper_name ("Len Tower")

#ifndef GUTTER_WIDTH_MINIMUM
#define GUTTER_WIDTH_MINIMUM 3
#endif

struct regexp_list
{
char *regexps;/* chars representing disjunction of the regexps */
size_t len;/* chars used in 'regexps' */
size_t size;/* size malloc'ed for 'regexps'; 0 if not malloc'ed */
bool multiple_regexps;/* Does 'regexps' represent a disjunction? */
struct re_pattern_buffer *buf;
};

static int compare_files (struct comparison const *, char const *, char const *);
static void add_regexp (struct regexp_list *, char const *);
static void summarize_regexp_list (struct regexp_list *);
static void specify_style (enum output_style);
static void specify_value (char const **, char const *, char const *);
static void try_help (char const *, char const *) __attribute__((noreturn));
static void check_stdout (void);
static void usage (void);

/* If comparing directories, compare their common subdirectories recursively. */
static bool recursive;

/* In context diffs, show previous lines that match these regexps. */
static struct regexp_list function_regexp_list;

/* Ignore changes affecting only lines that match these regexps. */
static struct regexp_list ignore_regexp_list;

#if O_BINARY
/* Use binary I/O when reading and writing data (--binary). On POSIX hosts, this has no effect. */
static bool binary;
#else
enum { binary = true }
#endif
#endif

/* If one file is missing, treat it as present but empty (-N). */
static bool new_file;

/* If the first file is missing, treat it as present but empty
   (--unidirectional-new-file). */
static bool unidirectional_new_file;

/* Report files compared that are the same (-s).
   Normally nothing is output when that happens. */
static bool report_identical_files;

static char const shortopts[] =

/* Values for long options that do not have single-letter equivalents. */
enum
{
  BINARY_OPTION = CHAR_MAX + 1,
  FROM_FILE_OPTION,
  HELP_OPTION,
  HORIZON_LINES_OPTION,
  IGNORE_FILE_NAME_CASE_OPTION,
  INHIBIT_HUNK_MERGE_OPTION,
  LEFT_COLUMN_OPTION,
  LINE_FORMAT_OPTION,
  NO_DEREFERENCE_OPTION,
  NO_IGNORE_FILE_NAME_CASE_OPTION,
  NORMAL_OPTION,
  SDIFF_MERGE_ASSIST_OPTION,
  STRIP_TRAILING_CR_OPTION,
  SUPPRESS_BLANK_EMPTY_OPTION,
  SUPPRESS_COMMON_LINES_OPTION,
  TABSIZE_OPTION,
  TO_FILE_OPTION,

  /* These options must be in sequence. */
  UNCHANGED_LINE_FORMAT_OPTION,
  OLD_LINE_FORMAT_OPTION,
  NEW_LINE_FORMAT_OPTION,

  /* These options must be in sequence. */
  UNCHANGED_GROUP_FORMAT_OPTION,
  OLD_GROUP_FORMAT_OPTION,
  NEW_GROUP_FORMAT_OPTION,
  CHANGED_GROUP_FORMAT_OPTION
};
static char const group_format_option[(sizeof "--unchanged-group-format") ==
    {
        "--unchanged-group-format",
        "--old-group-format",
        "--new-group-format",
        "--changed-group-format"
    };

static char const line_format_option[ sizeof "--unchanged-line-format") ==
    {
        "--unchanged-line-format",
        "--old-line-format",
        "--new-line-format"
    };

static struct option const longopts[] =
    {
        { "binary", 0, 0, BINARY_OPTION },
        { "brief", 0, 0, 'q' },
        { "changed-group-format", 1, 0, CHANGED_GROUP_FORMAT_OPTION },
        { "context", 2, 0, 'C' },
        { "ed", 0, 0, 'e' },
        { "exclude", 1, 0, 'x' },
        { "exclude-from", 1, 0, 'X' },
        { "expand-tabs", 0, 0, 't' },
        { "forward-ed", 0, 0, 'f' },
        { "from-file", 1, 0, FROM_FILE_OPTION },
        { "help", 0, 0, HELP_OPTION },
        { "horizon-lines", 1, 0, HORIZON_LINES_OPTION },
        { "ifdef", 1, 0, 'D' },
        { "ignore-all-space", 0, 0, 'w' },
        { "ignore-blank-lines", 0, 0, 'B' },
        { "ignore-case", 0, 0, 'i' },
        { "ignore-file-name-case", 0, 0, IGNORE_FILE_NAME_CASE_OPTION },
        { "ignore-matching-lines", 1, 0, 'I' },
        { "ignore-space-change", 0, 0, 'b' },
        { "ignore-tab-expansion", 0, 0, 'E' },
        { "ignore-trailing-space", 0, 0, 'Z' },
        { "inhibit-hunk-merge", 0, 0, INHIBIT_HUNK_MERGE_OPTION },
        { "initial-tab", 0, 0, 'T' },
        { "label", 1, 0, 'L' },
        { "left-column", 0, 0, LEFT_COLUMN_OPTION },
        { "line-format", 1, 0, LINE_FORMAT_OPTION },
        { "minimal", 0, 0, 'd' },
        { "new-file", 0, 0, 'N' },
        { "new-group-format", 1, 0, NEW_GROUP_FORMAT_OPTION },
        { "new-line-format", 1, 0, NEW_LINE_FORMAT_OPTION },
/* Return a string containing the command options with which diff was invoked.
Spaces appear between what were separate ARGV-elements.
There is a space at the beginning but none at the end.
If there were no options, the result is an empty string.

Arguments: OPTIONVEC, a vector containing separate ARGV-elements, and COUNT,
the length of that vector. */

static char *
option_list (char **optionvec, int count)
{
    int i;
    size_t size = 1;
    char *result;
    char *p;

    for (i = 0; i < count; i++)
        size += 1 + shell_quote_length (optionvec[i]);
p = result = xmalloc (size);

for (i = 0; i < count; i++)
{
    *p++ = ' ';  
    p = shell_quote_copy (p, optionvec[i]);
}

*p = '\0';
return result;
}

/* Return an option value suitable for add_exclude. */

static int 
exclude_options (void)
{
    return EXCLUDE_WILDCARDS | (ignore_file_name_case ? FNM_CASEFOLD : 0);
}

int 
main (int argc, char **argv)
{
    int exit_status = EXIT_SUCCESS;
    int c;
    int i;
    int prev = -1;
    lin ocontext = -1;
    bool explicit_context = false;
    size_t width = 0;
    bool show_c_function = false;
    char const *from_file = NULL;
    char const *to_file = NULL;
    uintmax_t numval;
    char *numend;

    /* Do our initializations. */
    exit_failure = EXIT_TROUBLE;
    initialize_main (&argc, &argv);
    set_program_name (argv[0]);
    setlocale (LC_ALL, "");
    bindtextdomain (PACKAGE, LOCALEDIR);
    textdomain (PACKAGE);
    c_stack_action (0);
    function_regexp_list.buf = &function_regexp;
    ignore_regexp_list.buf = &ignore_regexp;
re_set_syntax (RE_SYNTAX_GREP | RE_NO_POSIX_BACKTRACKING);
excluded = new_exclude ();

/* Decode the options. */

while ((c = getopt_long (argc, argv, shortopts, longopts, NULL)) != -1)
{
    switch (c)
    {
    case 0:
        break;

    case '0':
    case '1':
    case '2':
    case '3':
    case '4':
    case '5':
    case '6':
    case '7':
    case '8':
    case '9':
        if (! ISDIGIT (prev))
            ocontext = c - '0';
        else if (LIN_MAX / 10 < ocontext
            || ((ocontext = 10 * ocontext + c - '0') < 0))
            ocontext = LIN_MAX;
        break;

    case 'a':
        text = true;
        break;

    case 'b':
        if (ignore_white_space < IGNORE_SPACE_CHANGE)
            ignore_white_space = IGNORE_SPACE_CHANGE;
        break;

    case 'Z':
        if (ignore_white_space < IGNORE_SPACE_CHANGE)
            ignore_white_space |= IGNORE_TRAILING_SPACE;
        break;

    case 'B':
        ignore_blank_lines = true;
        break;

    case 'C':

case 'U':
{
  if (optarg)
  {
    numval = stroumax(optarg, &numend, 10);
    if (*numend)
      try_help("invalid context length '%s'", optarg);
    if (LIN_MAX < numval)
      numval = LIN_MAX;
    else
      numval = 3;
  }
  specify_style (c == 'U' ? OUTPUT_UNIFIED : OUTPUT_CONTEXT);
  if (context < numval)
    context = numval;
  explicit_context = true;
}
break;

case 'c':
  specify_style (OUTPUT_CONTEXT);
  if (context < 3)
    context = 3;
break;

case 'd':
  minimal = true;
break;

case 'D':
  specify_style (OUTPUTIFDEF);
  {
    static char const C_ifdef_group_formats[] =
           "%%=%cifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n%c ifndef %s\n;charset *b = xmalloc(sizeof C_ifdef_group_formats +
            7 * strlen(optarg) - 14 /* 7*"%s" */
            - 8 /* 5*"%c" + 3*"%s" */);
    sprintf(b, C_ifdef_group_formats,
            optarg, optarg, optarg,
            optarg, optarg, optarg,
            optarg, optarg, optarg);
    for (i = 0; i < sizeof(group_format) / size_of_group_format[0]; i++)
      {
        specify_value(&group_format[i], b, "-D");
        b += strlen(b) + 1;
break;

case 'e':
    specify_style (OUTPUT_ED);
    break;

case 'E':
    if (ignore_white_space < IGNORE_SPACE_CHANGE)
        ignore_white_space |= IGNORE_TAB_EXPANSION;
    break;

case 'f':
    specify_style (OUTPUT_FORWARD_ED);
    break;

case 'F':
    add_regexp (&function_regexp_list, optarg);
    break;

case 'h':
    /* Split the files into chunks for faster processing.
       Usually does not change the result.

       This currently has no effect. */
    break;

case 'H':
    speed_large_files = true;
    break;

case 'i':
    ignore_case = true;
    break;

case 'I':
    add_regexp (&ignore_regexp_list, optarg);
    break;

case 'l':
    if (!pr_program[0])
        try_help ("pagination not supported on this host", NULL);
    paginate = true;
#ifdef SIGCHLD
    /* Pagination requires forking and waiting, and
       System V fork+wait does not work if SIGCHLD is ignored. */
    signal (SIGCHLD, SIG_DFL);
#endif
case 'L':
    if (!file_label[0])
        file_label[0] = optarg;
    else if (!file_label[1])
        file_label[1] = optarg;
    else
        fatal("too many file label options");
    break;

case 'n':
    specify_style (OUTPUT_RCS);
    break;

case 'N':
    new_file = true;
    break;

case 'p':
    show_c_function = true;
    add_regex (&function_regex_list, "^([[:alpha:]$_])");
    break;

case 'P':
    unidirectional_new_file = true;
    break;

case 'q':
    brief = true;
    break;

case 'r':
    recursive = true;
    break;

case 's':
    report_identical_files = true;
    break;

case 'S':
    specify_value (&starting_file, optarg, ":S");
    break;

case 't':
    expand_tabs = true;
    break;
case 'T':
    initial_tab = true;
    break;

case 'u':
    specify_style (OUTPUT_UNIFIED);
    if (context < 3)
        context = 3;
    break;

case 'v':
    version_etc (stdout, PROGRAM_NAME, PACKAGE_NAME, Version,
                 AUTHORS, (char *) NULL);
    check_stdout ();
    return EXIT_SUCCESS;

case 'w':
    ignore_white_space = IGNORE_ALL_SPACE;
    break;

case 'x':
    add_exclude (excluded, optarg, exclude_options ());
    break;

case 'X':
    if (add_exclude_file (add_exclude, excluded, optarg,
                         exclude_options (), 'u'))
        pfatal_with_name (optarg);
    break;

case 'y':
    specify_style (OUTPUT_SDIFF);
    break;

case 'W':
    numval = strtoumax (optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
        try_help ("invalid width '%s'", optarg);
    if (width != numval)
        { if (width)
            fatal ("conflicting width options");
            width = numval;
        }
    break;

case BINARY_OPTION:
#if O_BINARY
   binary = true;
if (! isatty (STDOUT_FILENO))
   set_binary_mode (STDOUT_FILENO, O_BINARY);
#endif
break;

switch (option) {
    case FROM_FILE_OPTION:
        specify_value (&from_file, optarg, "--from-file");
        break;
    case HELP_OPTION:
        usage ();
        check_stdout ();
        return EXIT_SUCCESS;
    case HORIZON_LINES_OPTION:
        numval = strtoumax (optarg, &numend, 10);
        if (*numend)
            try_help ("invalid horizon length "S", optarg);
        horizon_lines = MAX (horizon_lines, MIN (numval, LIN_MAX));
        break;
    case IGNORE_FILE_NAME_CASE_OPTION:
        ignore_file_name_case = true;
        break;
    case INHIBIT_HUNK_MERGE_OPTION:
        /* This option is obsolete, but accept it for backward
           compatibility. */
        break;
    case LEFT_COLUMN_OPTION:
        left_column = true;
        break;
    case LINE_FORMAT_OPTION:
        specify_style (OUTPUT_IFDEF);
        for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
            specify_value (&line_format[i], optarg, "--line-format");
        break;
    case NO_DEREFERENCE_OPTION:
        no_dereference_symlinks = true;
        break;
    case NO_IGNORE_FILE_NAME_CASE_OPTION:
        ignore_file_name_case = false;
}
break;

case NORMAL_OPTION:
    specify_style (OUTPUT_NORMAL);
    break;

case SDIFF_MERGE_ASSIST_OPTION:
    specify_style (OUTPUT_SDIFF);
    sdiff_merge_assist = true;
    break;

case STRIP_TRAILING_CR_OPTION:
    strip_trailing_cr = true;
    break;

case SUPPRESS_BLANK_EMPTY_OPTION:
    suppress_blank_empty = true;
    break;

case SUPPRESS_COMMON_LINES_OPTION:
    suppress_common_lines = true;
    break;

case TABSIZE_OPTION:
    numval = strtoumax (optarg, &numend, 10);
    if (! (0 < numval && numval <= SIZE_MAX) || *numend)
        try_help ("invalid tabsize \"%s\"", optarg);
    if (tabsize != numval)
    {
        if (tabsize)
            fatal ("conflicting tabsize options");
        tabsize = numval;
    }
    break;

case TO_FILE_OPTION:
    specify_value (&to_file, optarg, "--to-file");
    break;

case UNCHANGED_LINE_FORMAT_OPTION:
    case OLD_LINE_FORMAT_OPTION:
    case NEW_LINE_FORMAT_OPTION:
        specify_style (OUTPUT_IFDEF);
        c -= UNCHANGED_LINE_FORMAT_OPTION;
        specify_value (&line_format[c], optarg, line_format_option[c]);
        break;

case UNCHANGED_GROUP_FORMAT_OPTION:
case OLD_GROUP_FORMAT_OPTION:
case NEW_GROUP_FORMAT_OPTION:
case CHANGED_GROUP_FORMAT_OPTION:
    specify_style (OUTPUT_IFDEF);
    c -= UNCHANGED_GROUP_FORMAT_OPTION;
    specify_value (&group_format[c], optarg, group_format_option[c]);
    break;

default:
    try_help (NULL, NULL);
    }
    prev = c;
    }

if (output_style == OUTPUT_UNSPECIFIED)
    {
    if (show_c_function)
    {
        specify_style (OUTPUT_CONTEXT);
        if (ocontext < 0)
            context = 3;
    }
    else
        specify_style (OUTPUT_NORMAL);
    }

if (output_style != OUTPUT_CONTEXT || hard_locale (LC_TIME))
    {
    #if (defined STAT_TIMESPEC || defined STAT_TIMESPEC_NS \\
        || defined HAVE_STRUCT_STAT_ST_SPARE1)
    time_format = "%Y-%m-%d %H:%M:%S,%N %z";
    #else
    time_format = "%Y-%m-%d %H:%M:%S %z";
    #endif
    }
    else
    { /* See POSIX 1003.1-2001 for this format. */
        time_format = "%a %b %e %T %Y";
    }

if (0 <= ocontext
    && (output_style == OUTPUT_CONTEXT
    || output_style == OUTPUT_UNIFIED)
    && (context < ocontext
    || (ocontext < context && ! explicit_context)))
    context = ocontext;
if (!tabsize)
tabsize = 8;
if (!width)
width = 130;
{
/* Maximize first the half line width, and then the gutter width,
   according to the following constraints:

1. Two half lines plus a gutter must fit in a line.
2. If the half line width is nonzero:
   a. The gutter width is at least GUTTER_WIDTH_MINIMUM.
   b. If tabs are not expanded to spaces,
      a half line plus a gutter is an integral number of tabs,
      so that tabs in the right column line up. */

    intmax_t t = expand_tabs ? 1 : tabsize;
    intmax_t w = width;
    intmax_t off = (w + t + GUTTER_WIDTH_MINIMUM) / (2 * t) * t;
    sdiff_half_width = MAX (0, MIN (off - GUTTER_WIDTH_MINIMUM, w - off)),
    sdiff_column2_offset = sdiff_half_width ? off : w;
}

/* Make the horizon at least as large as the context, so that
   shift_boundaries has more freedom to shift the first and last hunks. */
if (horizon_lines < context)
    horizon_lines = context;

summarize_regexp_list (&function_regexp_list);
summarize_regexp_list (&ignore_regexp_list);

if (output_style == OUTPUT_IFDEF)
{
    for (i = 0; i < sizeof line_format / sizeof line_format[0]; i++)
    if (!line_format[i])
        line_format[i] = "%\n";
    if (!group_format[OLD])
        group_format[OLD] = group_format[CHANGED] ? group_format[CHANGED] : "%<";
    if (!group_format[NEW])
        group_format[NEW] = group_format[CHANGED] ? group_format[CHANGED] : "%>";
    if (!group_format[UNCHANGED])
        group_format[UNCHANGED] = "=";
    if (!group_format[CHANGED])
        group_format[CHANGED] = concat (group_format[OLD],
            group_format[NEW], "");
}
no_diff_means_no_output =
(output_style == OUTPUT_IFDEF ?
(!*group_format[UNCHANGED]
 || (STREQ (group_format[UNCHANGED], "%=")
 && !*line_format[UNCHANGED]))
 : (output_style != OUTPUT_SDIFF) | suppress_common_lines);

files_can_be_treated_as_binary =
(brief & binary
 && ~ (ignore_blank_lines | ignore_case | strip_trailing_cr
 || (ignore_regexp_list.regexps || ignore_white_space)));

switch_string = option_list (argv + 1, optind - 1);

if (from_file)
{
    if (to_file)
fatal ("--from-file and --to-file both specified");
else
for (; optind < argc; optind++)
{
    int status = compare_files (NULL, from_file, argv[optind]);
    if (exit_status < status)
        exit_status = status;
}
}
else
{
    if (to_file)
for (; optind < argc; optind++)
{
    int status = compare_files (NULL, argv[optind], to_file);
    if (exit_status < status)
        exit_status = status;
}
else
{
    if (argc - optind != 2)
    {
        if (argc - optind < 2)
            try_help ("missing operand after "s", argv[argc - 1]);
        else
            try_help ("extra operand "s", argv[optind + 2]);
    }

    exit_status = compare_files (NULL, argv[optind], argv[optind + 1]);
}
/* Print any messages that were saved up for last. */
print_message_queue();
check_stdout();
exit (exit_status);
return exit_status;
}

/* Append to REGLIST the regexp PATTERN. */

static void
add_regexp (struct regexp_list *reglist, char const *pattern)
{
  size_t patlen = strlen (pattern);
  char const *m = re_compile_pattern (pattern, patlen, reglist->buf);
  if (m != 0)
    error (0, 0, "%s: %s", pattern, m);
  else
    {
      char *regexps = reglist->regexps;
      size_t len = reglist->len;
      bool multiple_regexps = reglist->multiple_regexps = regexps != 0;
      size_t newlen = reglist->len = len + 2 * multiple_regexps + patlen;
      size_t size = reglist->size;
      if (size <= newlen)
        {
          if (!size)
            size = 1;
          do size *= 2;
          while (size <= newlen);
          reglist->size = size;
          reglist->regexps = regexps = xrealloc (regexps, size);
        }
      if (multiple_regexps)
        {
          regexps[len++] = '\';
          regexps[len++] = '|';
        }
      memcpy (regexps + len, pattern, patlen + 1);
    }
}
N_("-n, --rcs output an RCS format diff"),
N_("-y, --side-by-side output in two columns"),
N_("-W, --width=NUM output at most NUM (default 130) print columns"),
N_("--left-column output only the left column of common lines"),
N_("--suppress-common-lines do not output common lines"),

N_("-p, --show-c-function show which C function each change is in"),
N_("-F, --show-function-line=RE show the most recent line matching RE"),
N_("--label LABEL use LABEL instead of file name\n" (can be repeated)"),

N_("-t, --expand-tabs expand tabs to spaces in output"),
N_("-T, --initial-tab make tabs line up by prepending a tab"),
N_("--tabsize=NUM tab stops every NUM (default 8) print columns"),
N_("--suppress-blank-empty suppress space or tab before empty output lines"),
N_("--paginate pass output through 'pr' to paginate it"),

N_("--recursive recursively compare any subdirectories found"),
N_("--no-dereference don't follow symbolic links"),
N_("--new-file treat absent files as empty"),
N_("--unidirectional-new-file treat absent first files as empty"),
N_("--ignore-file-name-case ignore case when comparing file names"),
N_("--no-ignore-file-name-case consider case when comparing file names"),
N_("--exclude=PAT exclude files that match PAT"),
N_("--exclude-from=FILE exclude files that match any pattern in FILE"),
N_("--starting-file=FILE start with FILE when comparing directories"),
N_("--from-file=FILE1 compare FILE1 to all operands;\n" FILE1 can be a directory"),
N_("--to-file=FILE2 compare all operands to FILE2;\n" FILE2 can be a directory"),

N_("--ignore-case ignore case differences in file contents"),
N_("--ignore-tab-expansion ignore changes due to tab expansion"),
N_("--ignore-trailing-space ignore white space at line end"),
N_("--ignore-space-change ignore changes in the amount of white space"),
N_("--ignore-all-space ignore all white space"),
N_("--ignore-blank-lines ignore changes where lines are all blank"),
N_("--ignore-matching-lines=RE ignore changes where all lines match RE"),

N_("--text treat all files as text"),
N_("--strip-trailing-cr strip trailing carriage return on input"),
#if O_BINARY
N_("--binary read and write data in binary mode"),
#endif

N_("--ifdef=NAME output merged file with '#ifdef NAME' diffs"),
N_("--GTYPE-group-format=GFMT format GTYPE input groups with GFMT"),
N_("--line-format=LFMT format all input lines with LFMT"),
--LTYPE-line-format=LFMT format LTYPE input lines with LFMT
" These format options provide fine-grained control over the output
" of diff, generalizing -D/--ifdef.
LTYPE is 'old', 'new', or 'unchanged'. GTYPE is LTYPE or 'changed'.
GFMT (only) may contain:
%< lines from FILE1
>% lines from FILE2
%= lines common to FILE1 and FILE2
%-[\[][WIDTH][.[PREC]][(doxX)]LETTER printf-style spec for LETTER
LETTERs are as follows for new group, lower case for old group:
F first line number
L last line number
N number of lines = L-F+1
E F-1
M L+1
%(A=B?T:E) if A equals B then T else E
LFMT (only) may contain:
%L contents of line
%l contents of line, excluding any trailing newline
%-[\[][WIDTH][.[PREC]][(doxX)]n printf-style spec for input line number
Both GFMT and LFMT may contain:
%% %
%c'C' the single character C
%c'O00' the character with octal code OOO
C the character C (other characters represent themselves)
",-d, --minimal try hard to find a smaller set of changes
--horizon-lines=NUM keep NUM lines of the common prefix and suffix
--speed-large-files assume large files and many scattered small changes
--help display this help and exit
--version output version information and exit
"FILES are 'FILE1 FILE2' or 'DIR1 DIR2' or 'DIR FILE...' or 'FILE... DIR'."
"If --from-file or --to-file is given, there are no restrictions on FILE(s)."
"If a FILE is '-', read standard input."
"Exit status is 0 if inputs are the same, 1 if different, 2 if trouble."

static void
usage (void)
{
char const * const *p;

printf ("Usage: %s [OPTION]... FILES\n", program_name);
printf ("%s\n", _("Compare FILES line by line.");}
```
fpuses(_."\nMandatory arguments to long options are mandatory for short options too.\n") , stdout);

for (p = option_help_msgid; *p; p++)
{
  if (!*p)
    putchar ("\n");
  else
  {
    char const *msg = _(*p);
    char const *nl;
    while ((nl = strchr (msg, 'n')))
    {
      int msglen = nl + 1 - msg;
      printf ("  %.s", msglen, msg);
      msg = nl + 1;
    }

    printf ("  %s\n" + 2 * (*msg != ' ' && *msg != '-'), msg);
  }
}
emit_bug_reporting_address();

/* Set VAR to VALUE, reporting an OPTION error if this is a
   conflict. */
static void
specify_value (char const **var, char const *value, char const *option)
{
  if (*var && !STREQ (*var, value))
  {
    error (0, 0, _("conflicting %s option value '%s'"), option, value);
    try_help (NULL, NULL);
  }
  *var = value;
}

/* Set the output style to STYLE, diagnosing conflicts. */
static void
specify_style (enum output_style style)
{
  if (output_style != style)
  {
    if (output_style != OUTPUT_UNSPECIFIED)
      try_help ("conflicting output style options", NULL);
    output_style = style;
  }
```
static void
set_mtime_to_now (struct stat *st)
{
#ifdef STAT_TIMESPEC
    gettime (&STAT_TIMESPEC (st, st_mtim));
#else
    struct timespec t;
    gettime (&t);
    st->st_mtime = t.tv_sec;
    # if defined STAT_TIMESPEC_NS
    STAT_TIMESPEC_NS (st, st_mtim) = t.tv_nsec;
    #elif defined HAVE_STRUCT_STAT_ST_SPARE1
    st->st_spare1 = t.tv_nsec / 1000;
    # endif
#endif
}

/* Compare two files (or dirs) with parent comparison PARENT
   and names NAME0 and NAME1.
   (If PARENT is null, then the first name is just NAME0, etc.)
   This is self-contained; it opens the files and closes them.

   Value is EXIT_SUCCESS if files are the same, EXIT_FAILURE if
different, EXIT_TROUBLE if there is a problem opening them. */

static int
compare_files (struct comparison const *parent,
               char const *name0,
               char const *name1)
{
    struct comparison cmp;
    #define DIR_P(f) (S_ISDIR (cmp.file[f].stat.st_mode) != 0)
    register int f;
    int status = EXIT_SUCCESS;
    bool same_files;
    char *free0;
    char *free1;

    /* If this is directory comparison, perhaps we have a file
       that exists only in one of the directories.
       If so, just print a message to that effect. */
    if (! ((name0 && name1)
           || (unidirectional_new_file && name1)
new_file))
{
    char const *name = name0 ? name0 : name1;
    char const *dir = parent->file[!name0].name;

    /* See POSIX 1003.1-2001 for this format. */
    message("Only in %s: %s\n", dir, name);

    /* Return EXIT_FAILURE so that diff_dirs will return
    EXIT_FAILURE ("some files differ"). */
    return EXIT_FAILURE;
}

memset(cmp.file, 0, sizeof cmp.file);
cmp.parent = parent;

/* cmp.file[f].desc markers */
#define NONEXISTENT (-1) /* nonexistent file */
#define UNOPENED (-2) /* unopened file (e.g. directory) */
#define ERRNO_ENCODE(errno) (-3 - (errno)) /* encoded errno value */
#define ERRNO_DECODE(desc) (-3 - (desc)) /* inverse of ERRNO_ENCODE */

cmp.file[0].desc = name0 ? UNOPENED : NONEXISTENT;
cmp.file[1].desc = name1 ? UNOPENED : NONEXISTENT;

/* Now record the full name of each file, including nonexistent ones. */
if (!name0)
    name0 = name1;
if (!name1)
    name1 = name0;

if (!parent)
{
    free0 = NULL;
    free1 = NULL;
    cmp.file[0].name = name0;
    cmp.file[1].name = name1;
}
else
{
    cmp.file[0].name = free0
    = file_name_concat(parent->file[0].name, name0, NULL);
    cmp.file[1].name = free1
    = file_name_concat(parent->file[1].name, name1, NULL);
}
for (f = 0; f < 2; f++)
{
    if (cmp.file[f].desc != NONEXISTENT)
    {
        if (f && file_name_cmp (cmp.file[f].name, cmp.file[0].name) == 0)
            cmp.file[f].desc = cmp.file[0].desc;
        cmp.file[f].stat = cmp.file[0].stat;
    }
    else if (STREQ (cmp.file[f].name, "-"))
    {
        cmp.file[f].desc = STDIN_FILENO;
        if (binary && ! isatty (STDIN_FILENO))
            set_binary_mode (STDIN_FILENO, O_BINARY);
        if (fstat (STDIN_FILENO, &cmp.file[f].stat) != 0)
            cmp.file[f].desc = ERRNO_ENCODE (errno);
    }
    else if ((no_dereference_symlinks
        ? lstat (cmp.file[f].name, &cmp.file[f].stat)
        : stat (cmp.file[f].name, &cmp.file[f].stat))
        != 0)
        cmp.file[f].desc = ERRNO_ENCODE (errno);
}
/* POSIX 1003.1-2001 requires current time for stdin. */
set_mtime_to_now (&cmp.file[f].stat);
else if (((no_dereference_symlinks
    ? lstat (cmp.file[f].name, &cmp.file[f].stat)
    : stat (cmp.file[f].name, &cmp.file[f].stat))
    != 0)
    cmp.file[f].desc = ERRNO_ENCODE (errno);
/* Mark files as nonexistent as needed for -N and -P, if they are inaccessible empty regular files (the kind of files that 'patch' creates to indicate nonexistent backups), or if they are top-level files that do not exist but their counterparts do exist. */
for (f = 0; f < 2; f++)
    if ((new_file || (f == 0 && unidirectional_new_file))
        && (cmp.file[f].desc == UNOPENED
            ? (S_ISREG (cmp.file[f].stat.st_mode)
                && ! (cmp.file[f].stat.st_mode & (S_IRWXU | S_IRWXG | S_IRWXO))
                && cmp.file[f].stat.st_size == 0)
            : ((cmp.file[f].desc == ERRNO_ENCODE (ENOENT)
                && ! parent
                && (cmp.file[1 - f].desc == UNOPENED
                    || cmp.file[1 - f].desc == STDIN_FILENO)))
            cmp.file[f].desc = NONEXISTENT;

for (f = 0; f < 2; f++)
    if (cmp.file[f].desc == NONEXISTENT)
        { memset (&cmp.file[f].stat, 0, sizeof cmp.file[f].stat);
            cmp.file[f].stat.st_mode = cmp.file[1 - f].stat.st_mode;
        }

for (f = 0; f < 2; f++)
    { int e = ERRNO_DECODE (cmp.file[f].desc);
        if (0 <= e)
            { errno = e;
                perror_with_name (cmp.file[f].name);
                status = EXIT_TROUBLE;
            }
    }

if (status == EXIT_SUCCESS && ! parent && ! DIR_P (0) != DIR_P (1))
    { /* If one is a directory, and it was specified in the command line,
       use the file in that dir with the other file's basename. */

        int fnm_arg = DIR_P (0);
        int dir_arg = 1 - fnm_arg;
        char const *fnm = cmp.file[fnm_arg].name;
        char const *dir = cmp.file[dir_arg].name;
        char const *filename = cmp.file[dir_arg].name = free0
            = find_dir_file_pathname (dir, last_component (fnm));

        if (! STREQ (fnm, "-"))
            fatal ("cannot compare '-' to a directory");

        if (! dereference_symlinks)
            lstat (filename, &cmp.file[dir_arg].stat)
if (status != EXIT_SUCCESS)
{
    /* One of the files should exist but does not. */
}
else if (cmp.file[0].desc == NONEXISTENT
    && cmp.file[1].desc == NONEXISTENT)
{
    /* Neither file "exists", so there's nothing to compare. */
}
else if (same_files
    = (cmp.file[0].desc != NONEXISTENT
        && cmp.file[1].desc != NONEXISTENT
        && 0 < same_file(&cmp.file[0].stat, &cmp.file[1].stat)
        && same_file_attributes(&cmp.file[0].stat, &cmp.file[1].stat))
    && no_diff_means_no_output)
{
    /* The two named files are actually the same physical file.
    We know they are identical without actually reading them. */
}
else if (DIR_P(0) & DIR_P(1))
{
    if (output_style == OUTPUT_IFDEF)
        fatal("-D option not supported with directories");

    /* If both are directories, compare the files in them. */

    if (parent && !recursive)
    {
        /* But don't compare dir contents one level down
         unless -r was specified.
         See POSIX 1003.1-2001 for this format. */
        message("Common subdirectories: %s and %s
", cmp.file[0].name, cmp.file[1].name);
    }
    else
        status = diff_dirs(&cmp, compare_files);
}
else if ((DIR_P(0) | DIR_P(1))
|| (parent
&& !(S_ISREG (cmp.file[0].stat.st_mode)
|| S_ISLNK (cmp.file[0].stat.st_mode))
&& !(S_ISREG (cmp.file[1].stat.st_mode)
|| S_ISLNK (cmp.file[1].stat.st_mode)))
{
    if (cmp.file[0].desc == NONEXISTENT || cmp.file[1].desc == NONEXISTENT)
    {
        /* We have a subdirectory that exists only in one directory. */
        if ((DIR_P (0) | DIR_P (1))
            && recursive
            && (new_file
                || directional_new_file
                && cmp.file[0].desc == NONEXISTENT))
            status = diff_dirs (&cmp, compare_files);
        else
            {
            char const *dir;

            /* PARENT must be non-NULL here. */
            assert (parent);
            dir = parent->file[cmp.file[0].desc == NONEXISTENT].name;

            /* See POSIX 1003.1-2001 for this format. */
            message5 ("Only in %s: %s\n", dir, name0);
            status = EXIT_FAILURE;
            }
    }
    else
    {
        /* We have two files that are not to be compared. */

        /* See POSIX 1003.1-2001 for this format. */
        message5 ("File %s is a %s while file %s is a %s\n", 
                   file_label[0] ? file_label[0] : cmp.file[0].name, 
                   file_type (&cmp.file[0].stat), 
                   file_type (&cmp.file[1].stat));

        /* This is a difference. */
        status = EXIT_FAILURE;
    }
}
else if (S_ISLNK (cmp.file[0].stat.st_mode)
         || S_ISLNK (cmp.file[1].stat.st_mode))
{
    /* We get here only if we use lstat(), not stat(). */
assert (no_dereference_symlinks);

if (S_ISLNK (cmp.file[0].stat.st_mode)
&& S_ISLNK (cmp.file[1].stat.st_mode))
{
/* Compare the values of the symbolic links. */
char *link_value[2] = { NULL, NULL };

for (f = 0; f < 2; f++)
{
    link_value[f] = xreadlink (cmp.file[f].name);
    if (link_value[f] == NULL)
    {
        perror_with_name (cmp.file[f].name);
        status = EXIT_TROUBLE;
        break;
    }
}
if (status == EXIT_SUCCESS)
{
    if ( ! STREQ (link_value[0], link_value[1]))
    {
        message ("Symbolic links %s and %s differ
", cmp.file[0].name, cmp.file[1].name);
        /* This is a difference. */
        status = EXIT_FAILURE;
    }
}
for (f = 0; f < 2; f++)
    free (link_value[f]);
else
{
/* We have two files that are not to be compared, because
one of them is a symbolic link and the other one is not. */

message5 ("File %s is a %s while file %s is a %s
", file_label[0] ? file_label[0] : cmp.file[0].name,
    file_type (&cmp.file[0].stat),
    file_type (&cmp.file[1].stat));

/* This is a difference. */
status = EXIT_FAILURE;
}

else if (files_can_be_treated_as_binary
    & S_ISREG (cmp.file[0].stat.st_mode)
& S_ISREG(cmp.file[1].stat.st_mode)
& & cmp.file[0].stat.st_size != cmp.file[1].stat.st_size)
 {
  message("Files %s and %s differ\n",
    file_label[0] ? file_label[0] : cmp.file[0].name,
  status = EXIT_FAILURE;
}
else
{
  /* Both exist and neither is a directory. */

  /* Open the files and record their descriptors. */

  int oflags = O_RDONLY | (binary ? O_BINARY : 0);

  if (cmp.file[0].desc == UNOPENED)
    if ((cmp.file[0].desc = open(cmp.file[0].name, oflags, 0)) < 0)
      {
        perror_with_name(cmp.file[0].name);
        status = EXIT_TROUBLE;
      }
  if (cmp.file[1].desc == UNOPENED)
    {
      if (same_files)
        cmp.file[1].desc = cmp.file[0].desc;
      else if ((cmp.file[1].desc = open(cmp.file[1].name, oflags, 0)) < 0)
        {
          perror_with_name(cmp.file[1].name);
          status = EXIT_TROUBLE;
        }
    }
  /* Compare the files, if no error was found. */

  if (status == EXIT_SUCCESS)
    status = diff_2_files(&cmp);

  /* Close the file descriptors. */

  if (0 <= cmp.file[0].desc && close(cmp.file[0].desc) != 0)
    {
      perror_with_name(cmp.file[0].name);
      status = EXIT_TROUBLE;
    }
  if (0 <= cmp.file[1].desc && cmp.file[0].desc != cmp.file[1].desc
        && close(cmp.file[1].desc) != 0)
    {

perror_with_name (cmp.file[1].name);
status = EXIT_TROUBLE;
}

/* Now the comparison has been done, if no error prevented it,
and STATUS is the value this function will return. */

if (status == EXIT_SUCCESS)
{
    if (report_identical_files && !DIR_P (0))
message ("Files %s and %s are identical\n", file_label[0] ? file_label[0] : cmp.file[0].name,
}
else
{
    /* Flush stdout so that the user sees differences immediately.
This can hurt performance, unfortunately. */
    if (fflush (stdout) != 0)
pfatal_with_name (_("standard output"));
}

free (free0);
free (free1);

return status;

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1.2155 micrometer-core 1.3.15

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* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-jar/io/micrometer/core/instrument/binder/httpcomponents/MicrometerHttpRequestExecutor.java

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  * /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources.jar/io/micrometer/core/instrument/binder/jvm/JvmMemory.java
  * /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources.jar/io/micrometer/core/instrument/Timer.java
  * /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources.jar/io/micrometer/core/instrument/binder/mongodb/MongoMetricsCommandListener.java
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  jar/io/micrometer/core/util/internal/logging/JdkLoggerFactory.java
* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-
  jar/io/micrometer/core/util/internal/logging/Slf4JLoggerFactory.java
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* /opt/cola/permits/1118783019_1608609041_66/0/micrometer-core-1-3-15-sources-jar/io/micrometer/core/instrument/composite/CompositeCustomMeter.java
* /opt/cola/permits/1118783019_1608609041_66/0/micrometer-core-1-3-15-sources-jar/io/micrometer/core/instrument/composite/CumulativeTimer.java
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* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-jar/io/micrometer/core/instrument/composite/CompositeFunctionCounter.java
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* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-jar/io/micrometer/core/instrument/config/InvalidConfigurationException.java
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*/opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-jar/io/micrometer/core/instrument/push/PushMeterRegistry.java
*/opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-jar/io/micrometer/core/instrument/ipc/http/HttpStatusClass.java
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*/opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-jar/io/micrometer/core/instrument/util/MeterPartition.java

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jar/io/micrometer/core/ipc/http/HttpUrlConnectionSender.java
* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-
jar/io/micrometer/core/instrument/binder/kafka/KafkaConsumerMetrics.java
* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-
jar/io/micrometer/core/instrument/push/PushRegistryConfig.java
* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-
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* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-
jar/io/micrometer/core/ipc/http/HttpSender.java
* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-
jar/io/micrometer/core/instrument/util/NamedThreadFactory.java
* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-
jar/io/micrometer/core/instrument/util/JsonUtils.java
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* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources.jar/io/micrometer/core/util/internal/logging/InternalLogger.java
* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources.jar/io/micrometer/core/util/internal/logging/JdkLogger.java

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  jar/io/micrometer/core/util/internal/logging/MessageFormatter.java
* /opt/cola/permits/1118783019_1608609041.66/0/micrometer-core-1-3-15-sources-
  jar/io/micrometer/core/util/internal/logging/FormattingTuple.java

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1.2163 springfox-swagger-common 2.8.0

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* /opt/cola/permits/1001071298_1646171623.27/0/springfox-swagger-common-2-8-0-sources-jar/springfox/documentation/swagger/readers/operation/OperationSummaryReader.java
* /opt/cola/permits/1001071298_1646171623.27/0/springfox-swagger-common-2-8-0-sources-jar/springfox/documentation/swagger/readers/operation/OperationNotesReader.java
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* /opt/cola/permits/1001071298_1646171623.27/0/springfox-swagger-common-2-8-0-sources-
jar/springfox/documentation/swagger/web/UiConfiguration.java
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jar/springfox/documentation/swagger/web/ApiResourceController.java
* /opt/cola/permits/1001071298_1646171623.27/0/springfox-swagger-common-2-8-0-sources-
jar/springfox/documentation/swagger/readers/operation/SwaggerOperationResponseClassReader.java

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* /opt/cola/permits/1001071298_1646171623.27/0/springfox-swagger-common-2-8-0-sources-
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jar/springfox/documentation/swagger/readers/parameter/ApiParamParameterBuilder.java
* /opt/cola/permits/1001071298_1646171623.27/0/springfox-swagger-common-2-8-0-sources-
jar/springfox/documentation/swagger/schema/ApiModelProperties.java

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* /opt/cola/permits/1001071298_1646171623.270/springfox-swagger-common-2-8-0-sources-
  jar/springfox/documentation/swagger/web/ModelRendering.java
* /opt/cola/permits/1001071298_1646171623.270/springfox-swagger-common-2-8-0-sources-
  jar/springfox/documentation/swagger/web/DocExpansion.java
* /opt/cola/permits/1001071298_1646171623.270/springfox-swagger-common-2-8-0-sources-
  jar/springfox/documentation/swagger/web/UiConfigurationBuilder.java
* /opt/cola/permits/1001071298_1646171623.270/springfox-swagger-common-2-8-0-sources-
  jar/springfox/documentation/swagger/web/OperationsSorter.java
* /opt/cola/permits/1001071298_1646171623.270/springfox-swagger-common-2-8-0-sources-
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  jar/springfox/documentation/swagger/web/SwaggerApiListingReader.java
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* /opt/cola/permits/1265207459_1643912713.51/0/wildfly-elytron-ssl-1-11-2-final-sources-jar/org/wildfly/security/ssl/SNISSLContext.java
jar/org/wildfly/security/ssl/SNIContextMatcher.java
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Ty Coon, President of Vice
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However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

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/**
* XSLT-driven View that allows for response context to be rendered as the
* result of an XSLT transformation.
* *
* <p>The XSLT Source object is supplied as a parameter in the model and then
* {@link #locateSource detected} during response rendering. Users can either specify
* a specific entry in the model via the {@link #setSourceKey sourceKey} property or
* have Spring locate the Source object. This class also provides basic conversion
* of objects into Source implementations. See {@link #getSourceTypes() here}
All model parameters are passed to the XSLT Transformer as parameters.

In addition the user can configure `@link #setOutputProperties output properties`

to be passed to the Transformer.

@since 2.0

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* 
* @author Rossen Stoyanchev
* @since 3.1
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/views/XmlViewResolver.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/views/contentNegotiatingViewResolver.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/views/feed/AbstractAtomFeedView.java
* /optws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/tags/MessageTag.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/theme/CookieThemeResolver.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/view/xml/MarshallingView.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/view/freemarker/FreeMarkerView.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/tags/form/AbstractHtmlElementBodyTag.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/resource/ResourceTransformerChain.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/config/annotation/ViewResolverRegistry.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/tags/form/AbstractDataBoundFormElementTag.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/resource/ResourceResolverChain.java
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/config/ScriptTemplateConfigurerBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/mvc/condition/AbstractMediaTypeExpression.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/config/InterceptorRegistry.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/config/GroovyMarkupConfigurerBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/view/BeanNameViewResolver.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/view/json/AbstractJackson2View.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/support/WebContentGenerator.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/resource/DefaultResourceResolverChain.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/tags/form/AbstractFormTag.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/tags/form/FormTag.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/tags/form/AbstractSingleCheckedElementTag.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfigurer.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/ModelAndViewDefiningException.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/HandlerExceptionResolver.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/view/xml/MappingJackson2XmlView.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/config/ViewResolversBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/handler/HandlerMethodMappingNamingStrategy.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/HandlerAdapter.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/mvc/view/xml/MappingJackson2XmlView.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1.jar/org/springframework/web/servlet/config/ViewResolversBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
jar/org/springframework/web/servlet/support/AbstractAnnotationConfigDispatcherServletInitializer.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/tags/form/ErrorsTag.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/tags/form/OptionsTag.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/i18n/AcceptHeaderLocaleResolver.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/tags/ParamTag.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/resource/TransformedResource.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/support/BindStatus.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/config/annotation/CorsRegistration.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/FrameworkServlet.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/MatrixVariableMapMethodArgumentResolver.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/config/TilesConfigurerBeanDefinitionParser.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/view/script/RenderingContext.java
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  jar/org/springframework/web/servlet/theme/AbstractThemeResolver.java
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  jar/org/springframework/web/servlet/theme/ThemeChangeInterceptor.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
  jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-
  jar/org/springframework/web/servlet/tags/form/HiddenInputTag.java
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1.2177 commons-cli 1.0

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 * $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/PatternOptionBuilder.java,v
 * 1.2 2002/06/06 22:49:36 bayard Exp $
 * $Revision: 1.2 $
 * $Date: 2002/06/06 22:49:36 $
 * 
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* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/FlashMapManager.java
* /opt/ws_local/PERMITS_SQL/1068290228_1594347506.98/0/spring-webmvc-5-2-2-release-sources-1-jar/org/springframework/web/servlet/tags/form/PasswordInputTag.java

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* /opt/cola/permits/1136279811_1613727097.48/0/commons-cli-1-0-sources-1-
  jar/org/apache/commons/cli/PatternOptionBuilder.java
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/*
* $Header: /home/cvs/jakarta-commons-
  sandbox/cli/src/java/org/apache/commons/cli/AlreadySelectedException.java,v 1.4 2002/06/06 09:37:26 jstrachan
Exp $ 
* $Revision: 1.4 $ 
* $Date: 2002/06/06 09:37:26 $ 
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  jar/org/apache/commons/cli/AlreadySelectedException.java

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/*
* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/ParseException.java,v 1.2
* 2002/06/06 09:37:26 jstrachan Exp $
* $Revision: 1.2 $
* $Date: 2002/06/06 09:37:26 $
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* jar/org/apache/commons/cli/ParseException.java
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* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/CommandLine.java,v 1.4
* 2002/06/06 22:32:37 bayard Exp $ 
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* jar/org/apache/commons/cli/PosixParser.java
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* $Header: /home/cvs/jakarta-commons/cli/src/java/org/apache/commons/cli/CommandLineParser.java,v 1.4
* 2002/09/19 22:59:43 jkeyes Exp $
* $Revision: 1.4 $
* $Date: 2002/09/19 22:59:43 $
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  jar/org/apache/commons/cli/Options.java

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/*
* $Header: /home/cvs/jakarta-commons-sandbox/cli/src/java/org/apache/commons/cli/Option.java,v 1.6 2002/06/06
22:50:14 bayard Exp $
* $Revision: 1.6 $
* $Date: 2002/06/06 22:50:14 $
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* $Id: Option.java,v 1.6 2002/06/06 22:50:14 bayard Exp $
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jar/org/apache/commons/cli/Option.java
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  jar/org/apache/commons/cli/UnrecognizedOptionException.java

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 * 22:59:43 jkeyes Exp $
 * $Revision: 1.3 $
 * $Date: 2002/09/19 22:59:43 $
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 * $Revision: 1.2 $
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1.2191 jackson-datatype-jdk8 2.9.9

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1.2192 wget 3.2

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No license file was found, but licenses were detected in source scan.

Metadata-Version: 1.1
Name: wget
Version: 3.2
Summary: pure python download utility
Home-page: http://bitbucket.org/techtonik/python-wget/
Author: anatoly techtonik <techtonik@gmail.com>
Author-email: UNKNOWN
License: Public Domain
Description: Usage

=====

python -m wget [options] <URL>

options:
-0 --output FILE|DIR output filename or directory

API Usage

========

>>> import wget
>>> url = 'http://www.futurecrew.com/skaven/song_files/mp3/razorback.mp3'
>>> filename = wget.download(url)
100% [..............................] 3841532 / 3841532>
>> filename
'razorback.mp3'

The skew that you see above is a documented side effect.

Alternative progress bar:

>>> wget.download(url, bar=bar_thermometer)

ChangeLog

============

3.2 (2015-10-22)
* download(url) can again be unicode on Python 2.7
https://bitbucket.org/techtonik/python-wget/issues/8

3.1 (2015-10-18)
* it saves unknown files under download.wget filename
  https://bitbucket.org/techtonik/python-wget/issues/6
* it prints unicode chars to Windows console
* it downloads unicode urls with Python 3

3.0 (2015-10-17)
* it can download and save unicode filenames
  https://bitbucket.org/techtonik/python-wget/issues/7

2.2 (2014-07-19)
* it again can download without -o option

2.1 (2014-07-10)
* it shows command line help
* -o option allows to select output file/directory

  * download(url, out, bar) contains out parameter

2.0 (2013-04-26)
* it shows percentage
* it has usage examples
* it changes if being used as a library

  * download shows progress bar by default
  * bar_adaptive gets improved algorithm
  * download(url, bar) contains bar parameter
  * bar(current, total)
  * progress_callback is named callback_progress

1.0 (2012-11-13)
* it runs with Python 3

0.9 (2012-11-13)
* it renames file if it already exists
* it can be used as a library

  * download(url) returns filename
  * bar_adaptive() draws progress bar
  * bar_thermometer() simplified bar

0.8 (2011-05-03)
* it detects filename from HTTP headers

0.7 (2011-03-01)
* compatibility fix for Python 2.5
* limit width of progress bar to 100 chars

0.6 (2010-04-24)
* it detects console width on POSIX

0.5 (2010-04-23)
* it detects console width on Windows

0.4 (2010-04-15)
* it shows cute progress bar

0.3 (2010-04-05)
* it creates temp file in current dir

0.2 (2010-02-16)
* it tries to detect filename from URL

0.1 (2010-02-04)
* it can download file

Release Checklist
=================

| [ ] update version in wget.py |
| [x] update description in setup.py |
| [ ] python setup.py check -mrs |
| [ ] python setup.py sdist upload |
| [ ] tag hg version |

--
anatoly techtonik <techtonik@gmail.com>

Platform: UNKNOWN
Classifier: Environment :: Console
Classifier: License :: Public Domain
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 3
Classifier: Topic :: Software Development :: Libraries :: Python Modules
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Classifier: Topic :: Utilities

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* /opt/cola/permits/1159252381_1620104563.84/0/wget-3-2-1-zip/wget-3.2/PKG-INFO

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1.2194 dc 1.3

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DCPathButton-39be410/Example-Swift/DCPathButton/Classes/DCPathItemButton.h
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-
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* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-
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* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-
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DCPathButton-39be410/DCPathButton/Classes/DCPathButtonItem.h
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Example/AppDelegate.m
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Example/AppDelegate.h
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Example/main.m
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/ExampleTests/ExampleTests.m
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/DCPathButton/Classes/DCPathButtonItem.h
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Pods/DCPathButton/DCPathButton/Classes/DCPathButtonItem.h
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Pods/DCPathButton/DCPathButton/Classes/DCPathButtonItem.m
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Swift/DCPathButton/Classes/DCPathButtonItem.h
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Swift/DCPathButton/Classes/DCPathButtonItem.m
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Example-Pods/Target Support Files/Pods/Pods-acknowledgements.plist
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example-Pods/Target Support Files/Pods/Pods-acknowledgements.plist

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DCPathButton-39be410/Example-Swift/Example-Swift/AppDelegate.swift

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Pod::Spec.new do |
  s.name = "DCPathButton"
  s.version = "2.1.1"
  s.summary = "A beautiful button copy from Path®"

  s.description = <<-DESC
DCPathButton is a menu button, design by an famous App Path®.
Since Path® 4.0, it return to use a tab bar instead of a side bar,
and also change the menu button. So I try to implement it and then
the DCPathButton born :) 
DESC

  s.homepage = "https://github.com/Tangdixi/DCPathButton"

  s.license = {
    :type => 'MIT',
    :text => 'The DCPathButton use the MIT license'
  }

  s.author = {
    "Tangdixi" => "Tangdixi@gmail.com"
  }

  s.platform = :ios, '7.0'

  s.source = {
    :git => "https://github.com/Tangdixi/DCPathButton.git",
    :tag => "2.1.1"
  }

  s.source_files = 'DCPathButton/Classes/*.h,m'

  s.resources = ['DCPathButton/Sounds/*']

  s.frameworks = 'QuartzCore','AudioToolbox'

  s.requires_arc = true

end

Found in path(s):
* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-
DCPathButton-39be410/DCPathButton.podspec

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<label opaque="NO" clipsSubviews="YES" userInteractionEnabled="NO" contentMode="left" horizontalHuggingPriority="251" verticalHuggingPriority="251" text=" Copyright (c) 2015 DC. All rights reserved." textAlignment="center" lineBreakMode="tailTruncation" baselineAdjustment="alignBaselines" minimumFontSize="9" translatesAutoresizingMaskIntoConstraints="NO" id="8ie-xW-0ye">

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* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/README.md

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* /opt/cola/permits/1125758851_1613553092.69/0/tangdixi-dcpathbutton-2-1-3-0-ge4b13fb-tar-gz/Tangdixi-DCPathButton-39be410/Example/Example/BarButtonItemViewController.m

1.2195 wildfly-elytron-credential-source-deprecated 1.11.2.Final

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* /opt/cola/permits/1265207998_1643912237.54/0/wildfly-elytron-credential-source-deprecated-1-11-2-final-sources-jar/org/wildfly/security/credential/source/CommandCredentialSource.java
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* /opt/cola/permits/1265207998_1643912237.54/0/wildfly-elytron-credential-source-deprecated-1-11-2-final-sources-jar/org/wildfly/security/credential/source/CallbackHandlerCredentialSource.java

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6. Google double-conversion

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## -*-makefile-*-

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### Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

### Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

### Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

### Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

### Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

### Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

### Shared object suffix
SO = so

### Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<
%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$($SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "s/\(\$\*)\.o[ :]*\$\@ . o \$/\1.o $@ : /g\" > $@; \
[ -s $@ ]|| rm -f $@
%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$($SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "s/\(\$\*)\.o[ :]*\$\@ . o \$/\1.o $@ : /g\" > $@; \
[ -s $@ ]|| rm -f $@

## Versioned libraries rules
%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references
# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic
# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup
1.2197 pip 19.0.3

1.2197.1 Available under license:

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

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file (certdata.txt). This file can be found in the mozilla source tree:
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
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* /opt/cola/permits/1110676534_1606843119.14/0/undertow-server-1-2-3-final-sources-1.jar/org/wildfly/elytron/web/undertow/server/ElytronAccount.java
* /opt/cola/permits/1110676534_1606843119.14/0/undertow-server-1-2-3-final-sources-1.jar/org/wildfly/elytron/web/undertow/server/ElytronRunAsHandler.java
* /opt/cola/permits/1110676534_1606843119.14/0/undertow-server-1-2-3-final-sources-1.jar/org/wildfly/elytron/web/undertow/server/SecurityContextImpl.java
* /opt/cola/permits/1110676534_1606843119.14/0/undertow-server-1-2-3-final-sources-1.jar/org/wildfly/elytron/web/undertow/server/ElytronHttpExchange.java
* /opt/cola/permits/1110676534_1606843119.14/0/undertow-server-1-2-3-final-sources-1.jar/org/wildfly/elytron/web/undertow/server/package-info.java

1.2204 jline-reader 3.5.2

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* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/EOFError.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/SyntaxError.java

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* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/Buffer.java
* /opt/cola/permits/1265207603_1643914672.3/0/jline-reader-3-5-2-sources-jar/org/jline/reader/impl/SimpleMaskingCallback.java
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## Special Recognition ##

One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve the overall build, test and validate process we were using. This build machine he donated to the project was about 5 times more capable than the entire buildsystem we had. And he did this out of his own pocket, from his own time, and has since upgraded the machine as well. It's now a 128GB, 48 core machine, with 4 SSD's and 4 sata disks : but the key metric is
that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix, AZ, USA for his continued support for the project.

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The Red Hat developers, without whom CentOS would look very different

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  jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1148130736_1623988489.09/0/asm-util-6-2-1-sources-4-
  jar/org/objectweb/asm/util/CheckModuleAdapter.java
* /opt/cola/permits/1148130736_1623988489.09/0/asm-util-6-2-1-sources-4-
  jar/org/objectweb/asm/util/TraceModuleVisitor.java
* /opt/cola/permits/1148130736_1623988489.09/0/asm-util-6-2-1-sources-4-
  jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /opt/cola/permits/1148130736_1623988489.09/0/asm-util-6-2-1-sources-4-
  jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1148130736_1623988489.09/0/asm-util-6-2-1-sources-4-
  jar/org/objectweb/asm/util/CheckSignatureAdapter.java
* /opt/cola/permits/1148130736_1623988489.09/0/asm-util-6-2-1-sources-4-
  jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /opt/cola/permits/1148130736_1623988489.09/0/asm-util-6-2-1-sources-4-
  jar/org/objectweb/asm/util/TraceFieldVisitor.java

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1.2215 swagger-parser 1.0.21
1.2215.1 Available under license :  
   No license file was found, but licenses were detected in source scan.

   public License license(ObjectNode node, String location, ParseResult result) {

   Found in path(s):
   * /opt/cola/permits/1261933213_1643332039.7/0/swagger-parser-1-0-21-sources-
   jar/io/swagger/parser/util/SwaggerDeserializer.java

1.2216 lvm2 1.02.158-2.el7atomix1
1.2216.1 Available under license :  
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*/opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-jar/org/springframework/aop/aspectj/annotation/InstantiationModelAwarePointcutAdvisorImpl.java
*/opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-jar/org/springframework/aop/intercceptor/CustomizableTraceInterceptor.java
*/opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-jar/org/springframework/aop/target/CommonsPool2TargetSource.java
*/opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-jar/org/springframework/aop/config/AspectComponentDefinition.java
*/opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-jar/org/springframework/aop/aspectj/autoproxy/AspectJPrecedenceComparator.java
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* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-jar/org/springframework/aop/aspectj/AspectJWeaverMessageHandler.java
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* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-jar/org/springframework/aop/support/NameMatchMethodPointcutAdvisor.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-jar/org/springframework/aop/framework/AdvisorChainFactory.java
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* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/AopMethodInvocation.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/Advised.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/DefaultAopProxyFactory.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/aspectj/annotation/PrototypeAspectInstanceFactory.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/aspectj/annotation/SingletonAspectInstanceFactory.java

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* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/AopContext.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/TargetSourceCreator.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/autoproxy/TargetSourceCreator.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/interceptor/AsyncUncaughtExceptionHandler.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/oauth/Interceptor.java
* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/interceptor/Joinpoint.java
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* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1.jar/org/springframework/aop/framework/oauth/AspectInvocation.java
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* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-
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* /opt/cola/permits/1110675836_1606843668.64/0/spring-aop-5-0-8-release-sources-1-
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 */
/**
 * A {@link WebApplicationContext} that can be used to bootstrap itself from a contained
 *  {@link ServletWebServerFactory} bean.
 * <p>
 * This context will create, initialize and run an {@link WebServer} by searching for a
 *  single {@link ServletWebServerFactory} bean within the {@link ApplicationContext}
 *  itself. The {@link ServletWebServerFactory} is free to use standard Spring concepts
 *  (such as dependency injection, lifecycle callbacks and property placeholder variables).
 *  <p>
 *  In addition, any {@link Servlet} or {@link Filter} beans defined in the context will be
 *  automatically registered with the web server. In the case of a single Servlet bean, the
 *  '/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
 *  name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
 *  always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').
 *  <p>
 *  For more advanced configuration, the context can instead define beans that implement
 *  the {@link ServletContextInitializer} interface (most often

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* {@link ServletRegistrationBean}s and/or {@link FilterRegistrationBean}s). To prevent double registration, the use of {@link ServletContextInitializer} beans will disable automatic Servlet and Filter bean registration.

* &lt;p&gt;
* Although this context can be used directly, most developers should consider using the
* {@link AnnotationConfigServletWebServerApplicationContext} or
* {@link XmlServletWebServerApplicationContext} variants.
* 
* @author Phillip Webb
* @author Dave Syer
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

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* /opt/cola/permits/1136220897_1613710183.26/0/spring-boot-2-1-6-release-sources-2-jar/org/springframework/boot/env/RandomValuePropertySource.java
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* /opt/cola/permits/1136220897_1613710183.26/0/spring-boot-2-1-6-release-sources-2-jar/org/springframework/boot/jta/atomikos/AtomikosConnectionFactoryBean.java
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1.2225 netty-buffer 4.1.34.Final

1.2226 netty-resolver 4.1.24.Final

1.2227 curvesapi 1.06
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* /opt/cola/permits/1003993495_1646171700.49/0/curvesapi-1-06-sources-jar/com/graphbuilder/geom/Point3d.java
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* /opt/cola/permits/1003993495_1646171700.49/0/curvesapi-1-06-sources-
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jar/com/graphbuilder/math/DivNode.java
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1.2228 wayland 1.15.0 1.el7

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1.2229 python-setuptools 38.4.0
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1.2230 relaxngdatatype 2011.1
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* This method is introduced to support the RELAX NG DTD
* compatibility spec. (Of course it's always free to use
* this method for other purposes.)
*<p>
* If you are implementing a datatype library and have no idea about
* the "RELAX NG DTD compatibility" thing, just return
* <code>ID_TYPE_NULL</code> is fine.
* @return
*If this datatype doesn't have any ID/IDREF semantics, *it returns [@link #ID_TYPE_NULL]. If it has such a semantics *(for example, XSD:ID, XSD:IDREF and comp:ID type), then *it returns [@link #ID_TYPE_ID], [@link #ID_TYPE_IDREF] or *[@link #ID_TYPE_IDREFS].
*/

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## 1.2231 wildfly-http-naming-client 1.0.12.Final

## 1.2232 ip-address 5.0.2

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## 1.2233 iproute 4.11.0-30.el7

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1.2239 go-runtime 1.12.3

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1.2247 tomcat-embed-websocket 8.5.32

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cmd/krb5/slave/kpropd_rpc.c
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The implementations of GSSAPI mechglue in GSSAPI-SPNEGO in "src/lib/gssapi", including the following files:

lib/gssapi/generic/gssapi_err_generic.et
lib/gssapi/mechglue/g_accept_sec_context.c
lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
lib/gssapi/spnego/spnego_mech.c

and the initial implementation of incremental propagation, including the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
kprop/kproplog.c

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1.2256 cal10n 0.8.1

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1.2257 sqlparse 0.2.4

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1.2258 cglib 2.2.2

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  Development Status :: 5 - Production/Stable
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[options]
packages = find:
package_dir = src
include_package_data = true
python_requires = >= 3.6

[options.packages.find]
where = src

[tool:pytest]
testpaths = tests
filterwarnings = error

[coverage:run]
branch = True
source =
flask_wtf
tests

[coverage:paths]
source =
src*/site-packages

[flake8]
select = B, E, F, W, B9, ISC
ignore =
E203
E501
E722
W503
max-line-length = 80
per-file-ignores =
src/flask_wtf/__init__.py: F401
src/flask_wtf/recaptcha/__init__.py: F401

[egg_info]
tag_build =
tag_date = 0

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* /opt/cola/permits/1245917641_1639949872.71/0/flask-wtf-1-0-0.tar.gz/Flask-WTF-1.0.0/setup.cfg
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Links

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* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/META-
INF/maven/org.springframework.boot/spring-boot/pom.xml
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 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/error/ErrorController.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/server/Jsp.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/logging/logback/DebugLogbackConfigurator.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/event/ApplicationContextInitializedEvent.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/convert/StringToDurationConverter.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/source/InvalidConfigurationPropertyNameException.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/validation/MessageInterpolatorFactory.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/admin/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/bind/BeanPropertyBinder.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/StartupInfoLogger.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/system/JavaVersion.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/jta/atomikos/AtomikosXAConnectionFactoryWrapper.java

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* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/reactive/context/AnnotationConfigReactiveWebServerApplicationContext.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/server/WebServerException.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/bind/handler/IgnoreTopLevelConverterNotFoundBindHandler.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/origin/PropertySourceOrigin.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/DeprecatedConfigurationProperty.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/server/WebServer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/diagnostics/analyzer/InvalidConfigurationPropertyNameFailureAnalyzer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/embedded/jetty/JettyEmbeddedErrorHandler.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/view/MustacheViewResolver.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/diagnostics/analyzer/BindFailureAnalyzer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/diagnostics/analyzer/BindFailureAnalyzer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/jdbc/EmbeddedDatabaseConnection.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/logging/logback/Log4j2/Log4j2LoggingSystem.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/jdbc/metadata/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/orm/jpa/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/convert/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/context/WebServerApplicationContext.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/bind/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/server/StaticResourceJars.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/jta/bitronix/PoolingDataSourceBean.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/source/ConfigurationPropertyNameAliases.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/bind/validation/ValidationBindHandler.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/embedded/jetty/SslServerCustomizer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/embedded/jetty/JasperInitializer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/server/ServletListenerRegistrationBean.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/SpringBootBanner.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/embedded/tomcat/LazySessionIdGenerator.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/ExitCodeGenerators.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/system/ApplicationPid.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/embedded/netty/CompressionCustomizer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/server/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/client/RootUriTemplateHandler.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/jdbc/DataSourceInitializationMode.java
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* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/ImageBanner.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/web/context/WebServerPortFileWriter.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/web/reactive/server/AbstractReactiveWebServerFactory.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/context/config/ConfigFileApplicationListener.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/ApplicationArguments.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/ansi/AnsiBackground.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/web/server/ErrorPageRegistrarBeanPostProcessor.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/web/reactive/context/AnnotationConfigReactiveWebApplicationContext.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/info/InfoProperties.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/task/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/jdbc/SchemaManagement.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/web/server/WebServerFactoryCustomizer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/diagnostics/analyzer/BeanCurrentlyInCreationFailureAnalyzer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources.jar/org/springframework/boot/web/reactive/context/ConfigurableReactiveWebEnvironment.java
The document contains a list of files from the directory `/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar`. These files include various Java classes from the Spring Boot framework. The classes listed are part of the Spring Boot project, which is an open-source framework that provides a single dependency for a server-side web application. The classes listed cover a wide range of functionalities, including database handling, logging, web server configuration, and security management.
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/ConfigurationWarningsApplicationContextInitializer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/support/SpringBootServletInitializer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/WebListenerHandler.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/embedded/tomcat/TomcatConnectorCustomizer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/ServletComponentHandler.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/bind/JavaBeanBinder.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/embedded/netty/SslServerCustomizer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/ServletRegistrationBean.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/json/JsonParseException.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/view/MustacheView.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/filter/ApplicationContextHeaderFilter.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/environment/OriginTrackedMapPropertySource.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/source/ConfigurationPropertySourcesPropertySource.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/liquibase/LiquibaseServiceLocatorApplicationListener.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/properties/source/ConfigurationPropertySources.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/ansi/AnsiPropertySource.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/diagnostics/analyzer/BeanDefinitionOverrideFailureAnalyzer.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/server/SessionStoreDirectory.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/context/AnnotationConfigServletWebServerApplicationContext.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/web/HiddenHttpMethodFilter.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/context/ClassReading/package-info.java
*/opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/WebServletHandler.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/task/TaskExecutorBuilder.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/context/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/logging/logback/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/jta/atomikos/AtomikosXADataSourceWrapper.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/context/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/ServletContextInitializer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/diagnostics/analyzer/BeanNotOfTypeFailureAnalyzer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/servlet/ServletContextInitializer.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/context/package-info.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/context/event/SpringApplicationEvent.java
* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-jar/org/springframework/boot/web/context/event/AggregateElementBinder.java

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 */
* A [@link WebApplicationContext] that can be used to bootstrap itself from a contained
* [@link ServletWebServerFactory] bean.
* <p>
* This context will create, initialize and run an [@link WebServer] by searching for a
* single [@link ServletWebServerFactory] bean within the [@link ApplicationContext]
* itself. The [@link ServletWebServerFactory] is free to use standard Spring concepts
* (such as dependency injection, lifecycle callbacks and property placeholder variables).
* <p>
* In addition, any [@link Servlet] or [@link Filter] beans defined in the context will be
* automatically registered with the web server. In the case of a single Servlet bean, the
* '/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
* name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
* always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').
* <p>
* For more advanced configuration, the context can instead define beans that implement
* the [@link ServletContextInitializer] interface (most often
* [@link ServletRegistrationBean]s and/or [@link FilterRegistrationBean]s). To prevent
* double registration, the use of [@link ServletContextInitializer] beans will disable
* automatic Servlet and Filter bean registration.
* <p>
* Although this context can be used directly, most developers should consider using the
* [@link AnnotationConfigServletWebServerApplicationContext] or
* [@link XmlServletWebServerApplicationContext] variants.
* *
* @author Phillip Webb
* @author Dave Syer
* @since 2.0.0
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

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* /opt/ws_local/PERMITS_SQL/1069147510_1594514618.5/0/spring-boot-2-1-8-release-sources-
jar/org/springframework/boot/web/servlet/context/ServletWebServerApplicationContext.java

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1.2265 netty-codec-http 4.1.24.Final

1.2266 open-ldap 2.4.48

1.2267 evolution-data-server 3.28.5-5.el7

1.2267.1 Available under license:

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* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-jar/org/springframework/web/bind/annotation/ValueConstants.java
* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
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* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-jar/org/springframework/web/bind/ServletRequestBindingException.java
* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-jar/org/springframework/web/jsf/DelegatingPhaseListenerMulticaster.java
* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-jar/org/springframework/remoting/jaxws/JaxWsSoapFaultException.java
* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-jar/org/springframework/remoting/httpinvoker/HttpInvokerClientConfiguration.java
* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-jar/org/springframework/http/client/AbstractClientHttpResponse.java
* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-jar/org/springframework/web/util/IntrospectorCleanupListener.java
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  jar/org/springframework/web/context/request/DestructionCallbackBindingListener.java
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 */
/**
 * Return the web session for the current request. Always guaranteed to
 * return an instance either matching to the session id requested by the
 * client, or with a new session id either because the client did not
 * specify one or because the underlying session had expired. Use of this
 * method does not automatically create a session. See { @link WebSession}
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 */

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#
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# A type that has no unique extension can be ignored -- they are listed
# here to guide configurations toward known types and to make it easier to
# identify "new" types. File extensions are also commonly used to indicate
# content languages and encodings, so choose them carefully.
#
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# MIME type (lowercased)Extensions
# ================
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-insetez
```
# application/applefile
application/applixware
# application/atf
# application/atfx
application/atom+xml
application/atomcat+xml
# application/atomdeleted+xml
# application/atomicmail
application/atomsvc+xml
# application/atxml
# application/auth-policy+xml
# application/bacnet-xdd+zip
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# application/beep+xml
# application/calendar+xml
# application/calendar+xml
# application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
application/ccxml+xml
# application/cdfx+xml
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application/cdmi-container
application/cdmi-domain
application/cdmi-object
application/cdmi-queue
# application/cdni
# application/cea
# application/cea-2018+xml
# application/cellml+xml
# application/cfw
# application/cms
# application/cnrp+xml
# application/coap-group+json
# application/commonground
# application/conference-info+xml
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# application/dskpp+xml
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# application/emergencycalldata.serviceinfo+xml
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application/exi
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# application/fits
# application/font-sfnt
application/font-tdpfrpf
application/font-woffwoff
# application/framework-attributes+xml
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# application/ibe-pkg-reply+xml
# application/ibe-pp-data
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# application/im-iscomposing+xml
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# application/index.obj
# application/index.response
# application/index.vnd
application/inkml+xml				ink inkml
# application/iotp
application/ipfix				ipfix
# application/ipp
# application/isup
# application/its+xml
application/java-archive			jar
application/java-serialized-object		ser
application/java-vm				class
application/javascript				js
# application/jose
# application/jose+json
# application/jrd+json
application/jsonjson
# application/json-patch+json
# application/json-seq
application/jsonml+xml
# application/jwk+json
# application/jwk-set+json
# application/jwt
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# application/lgr+xml
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# application/lostsync+xml
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# video/celb
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video/x-ms-wxwvx
video/x-msvideoavi
video/x-sgi-moviemovie
video/x-smvsmv
x-conference/x-cooltalkice

Found in path(s):
* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-
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* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-
  jar/org/springframework/web/HttpMediaTypeException.java
* /opt/cola/permits/1148130919_1646350085.89/0/spring-web-5-1-4-release-sources-2-
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1.2273 jackson-datatype-jdk8 2.10.5
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Manifest-Version: 1.0
Bnd-LastModified: 1595301005506
Build-Jdk: 1.8.0_162
Built-By: tatu
Bundle-Description: Add-on module for Jackson (http://jackson.codehaus.org) to support JDK 8 data types.
Bundle-DocURL: https://github.com/FasterXML/jackson-modules-java8/jackson-datatype-jdk8
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Jackson datatype: jdk8
Bundle-SymbolicName: com.fasterxml.jackson.datatype.jackson-datatype-jdk8
Bundle-Vendor: FasterXML
Bundle-Version: 2.10.5
Created-By: Apache Maven Bundle Plugin
Implementation-Build-Date: 2020-07-21 03:09:44+0000
Implementation-Title: Jackson datatype: jdk8
Implementation-Vendor: FasterXML
Implementation-Vendor-Id: com.fasterxml.jackson.datatype
Implementation-Version: 2.10.5
Import-Package: com.fasterxml.jackson.core;version="[2.10,3)";com.fasterxml.jackson.core.io;version="[2.10,3)";com.fasterxml.jackson.core.util;version="[2.10,3)";com.fasterxml.jackson.databind;version="[2.10,3)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Specification-Title: Jackson datatype: jdk8
Specification-Vendor: FasterXML
Specification-Version: 2.10.5
Tool: Bnd-4.2.0.201903051501
X-Compile-Source-JDK: 1.8
X-Compile-Target-JDK: 1.8

Found in path(s):
* /opt/cola/permits/1154615874_1618867970.74/0/jackson-datatype-jdk8-2-10-5-5-jar/META-INF/MANIFEST.MF

1.2274 classmate 1.3.4
1.2274.1 Available under license:
Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

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1.2275 ldns 1.6.16 10.el7
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1.2284 jackson-dataformat-yaml 2.9.9
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  * /opt/cola/permits/1001068486_1646171596.08/0/jetty-webapp-9-3-9-v20160517-sources-jar/org/eclipse/jetty/webapp/Configuration.java
  * /opt/cola/permits/1001068486_1646171596.08/0/jetty-webapp-9-3-9-v20160517-sources-jar/org/eclipse/jetty/webapp/WebAppContext.java
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.. _contrib:

=============

click-contrib

=============

As the userbase of Click grows, more and more major feature requests pop up in Click's bugtracker. As reasonable as it may be for those features to be bundled with Click instead of being a standalone project, many of those requested features are either highly experimental or have unproven practical use, while potentially being a burden to maintain.

This is why click-contrib exists. The GitHub organization is a collection of possibly experimental third-party packages whose featureset does not belong into Click, but also a playground for major features that may be added to Click in the future. It is also meant to coordinate and concentrate effort on writing third-party extensions for Click, and to ease the effort of searching for such extensions. In that sense it could be described as a low-maintenance alternative to extension repositories of other frameworks.

Please note that the quality and stability of those packages may be different.
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-r-xr-xr-x  1 0 0 [LSN 27]  0 Mar 05 2005 15:26:00  Copy2
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> !! This document applies to the next version under development.
# Features include:

* __Generating all necessary Java-Classes__ using JAX-B from your WSDL/XSDs (using the complementing Maven plugin [cxf-spring-boot-starter-maven-plugin]

* Booting up Apache CXF within Spring Context with ___100% pure Java-Configuration___

* __Complete automation of Endpoint initialization__ - no need to configure Apache CXF Endpoints, thats all done for you automatically based upon the WSDL and the generated Java-Classes (bringing up a nice [Spring Boot 1.4.x Failure Message](http://docs.spring.io/spring-boot/docs/current/reference/html/boot-features-spring-application.html#_startup_failure) if you missed something :) )

* Customize SOAP service URL and the title of the CXF generated Service site

* __Configures CXF to use slf4j__ and serve Logging-Interceptors, to log only the SOAP-Messages onto console

* __Extract the SoapMessages__ for processing in __ELK-Stack__, like [docker-elk](https://github.com/jonashackt/docker-elk)

* Tailor your own __custom SOAP faults__, that comply with the exceptions defined inside your XML schema

* SOAP Testing-Framework: With __XmlUtils__ to easy your work with JAX-B class handling & a __SOAP Raw Client__ to Test malformed XML against your Endpoints

# Documentation

Theres also an blog post describing this project: [Spring Boot & Apache CXF SOAP on steroids fueled by cxf-spring-boot-starter](https://blog.codecentric.de/en/2016/10/spring-boot-apache-cxf-spring-boot-starter/)

### Initial Setup

* Create a Spring Boot maven project. Use the __spring-boot-starter-parent__ as a parent and the __spring-boot-maven-plugin__ as a build plugin (you could speed that up, if you use the [Spring Initializr](https://start.spring.io/)).

* Then append cxf-spring-boot-starter as dependency and the [cxf-spring-boot-starter-maven-plugin] as build-plugin (see the example [cxf-boot-simple]):

```xml
<dependencies>
  <dependency>
    <groupId>de.codecentric</groupId>
    <artifactId>cxf-spring-boot-starter</artifactId>
    <version>2.1.2.RELEASE</version>
  </dependency>
</dependencies>
```

```xml
<build>
  <plugins>
```
```
<plugin>
  <groupId>de.codecentric</groupId>
  <artifactId>cxf-spring-boot-starter-maven-plugin</artifactId>
  <version>2.0.0.RELEASE</version>
  <executions>
    <execution>
      <goals>
        <goal>generate</goal>
      </goals>
    </execution>
  </executions>
</plugin>
</plugins>
</build>
```

* place your .wsdl-File (and all the imported XSDs) into a folder somewhere under __src/main/resources__ (see [cxf-spring-boot-starter-maven-plugin] for details)
* run __mvn generate-sources__ to generate all necessary Java-Classes from your WSDL/XSD
* Implement the [javax.jws.WebService](http://docs.oracle.com/javaee/7/api/javax/jws/WebService.html) annotated Interface (your generated __Service Endpoint Interface (SEI)__ ) - it is the starting point for your development and is needed to autoconfigure your Endpoints. See the [WeatherServiceEndpoint](https://github.com/codecentric/spring-samples/blob/master/cxf-boot-simple/src/main/java/de/codecentric/soap_endpoint/WeatherServiceEndpoint.java) class inside the [cxf-boot-simple] project.
* Thats it

### Additional Configuration Options

#### Customize URL, where your SOAP services are published

* create a application.properties and set the BaseURL of your Webservices via __soap.service.base.url=/yourUrlHere__

#### Customize title of generated CXF-site

* place a __cxf.servicelist.title=Your custom title here__ in application.properties

#### SOAP-Message-Logging

Activate SOAP-Message-Logging just via Property __soap.messages.logging=true__ in application.properties (no more configuration on the Endpoint needed)

SOAP-Messages will be logged only and printed onto STDOUT/Console for fast analysis in development.
### Extract the SoapMessages for processing in ELK-Stack

The cxf-spring-boot-starter brings some nice features, you can use with an ELK-Stack to monitor your SOAP-Service-Calls:

* Extract SOAP-Service-Method for Loganalysis (based on WSDL 1.1 spec, 1.2 not supported for now - because this is read from the HTTP-Header field SoapAction, which isn mandatory in 1.2 any more)
* Dead simple Calltime-Logging
* Correlate all Log-Messages (Selfmade + ApacheCXFs SOAP-Messages) within the Scope of one Service-Consumer’s Call in Kibana via logbacks [MDC], placed in a Servlet-Filter

##### HowTo use

* Activate via Property __soap.messages.extract=true__ in application.properties
* Add a __logback-spring.xml__ file to __src/main/resources__ (otherwise the feature will not be activated) and configure the [logstash-logback-encoder] (which is delivered with this spring-boot-starter), like:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<configuration>
  <include resource="org/springframework/boot/logging/logback/base.xml"/>
  <logger name="org.springframework" level="WARN"/>
  <!-- more logging config here -->
  <appender name="logstash" class="net.logstash.logback.appender.LogstashTcpSocketAppender">
    <destination>192.168.99.100:5000</destination>
    <encoder class="net.logstash.logback.encoder.LogstashEncoder">
      <includeCallerData>true</includeCallerData>
      <fieldNames>
        <message>log-msg</message>
        </fieldNames>
    </encoder>
    <keepAliveDuration>5 minutes</keepAliveDuration>
  </appender>
  <root level="INFO">...
  </configuration>
</xml>
```

Set the SystemProperty with

```
env LOGANALYSIS_HOST={ loganalysis.host }
```

e.g. in a service.upstart.conf.j2, when using Ansible and deploying to Ubuntu

<destination>192.168.99.100:5000</destination> as discribed here:

http://logback.qos.ch/manual/configuration.html#defaultValuesForVariables

---

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* Now some fields will become available in your kibana dashboard (in other words in your elasticsearch index), e.g. soap-message-inbound contains the Inbound Message
* see all of them here [ElasticsearchField.java](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/src/main/java/de/codecentric/cxf/logging/ElasticsearchField.java)
* Additionally [Spring Cloud Sleuth](http://cloud.spring.io/spring-cloud-sleuth/) will provide detailed tracing information of your services. Sleuth will populate the Logback MDC automatically with the tracing information. You can for example retrieve the Trace-Id of the current call via `MDC.get("X-B3-TraceId")`.
* The default is to use the ELK stack for log analysis. With further configuration you can even extend the tracing infrastructure to use more tailored tracing tools like [Zipkin](http://zipkin.io/).

### Custom SOAP faults for XML Schema Validation Errors

The standard behavior of Apache CXF with XML validation errors (non schema compliant XML or incorrect XML itself) is to return a SOAP fault including the corresponding exception in CXF:

```
<soap:Envelope xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
  <soap:Body>
    <soap:Fault>
      <faultcode>soap:Server</faultcode>
      <faultstring>wrong number of arguments while invoking public de.codecentric.namespace.weatherservice.general.ForecastRequest de.codecentric.cxf.WeatherServiceEndpoint.getCityForecastByZIP(de.codecentric.namespace.weatherservice.general.ForecastRequest) throws net.bipro.namespace.BiproException with params null.</faultstring>
    </soap:Fault>
  </soap:Body>
</soap:Envelope>
```

Many SOAP based standards demand a custom SOAP-Fault, that should be delivered in case of XML validation errors. To Implement that behavior, you have to:
* Override Method `createCustomFaultMessage(FaultType faultContent)` an give back appropriate Messages you want to see in faultstring: `<soap:Fault><faultstring>YOUR CUSTOM MESSAGE HERE</faultstring>`
* Override Method `createCustomFaultDetail(String originalFaultMessage, FaultType faultContent)` and return the JAX-B generated Object, that represents your WebService Fault-Details (be really careful to take the right one!!, often the term 'Exception' is used twice... - e.g. with the [BiPro]-Services)
* Configure your Implementation as @Bean - only then, XML Schema Validation will be activated

### Testing SOAP web services
##### Create a WebService Client

* If you instantiate a JaxWsProxyFactoryBean, you need to set an Address containing your configured (or the standard) soap.service.base.url. To get the correct path, just autowire the CxfAutoConfiguration like:

```java
@Autowired
private CxfAutoConfiguration cxfAutoConfiguration;
```

and obtain the __base.url__ and the __serviceUrlEnding__ (this one is derived from the wsdl:service name attribute of your WSDL) by calling

```java
cxfAutoConfiguration.getBaseAndServiceEndingUrl()
```

##### Integrate real XML test files into your Unit-, Integration- or SingleSystemIntegrationTests

As described [in this blogpost](https://blog.codecentric.de/en/2016/06/spring-boot-apache-cxf-testing-soap-webservices/) the best gut feeling one could get while writing SOAP Tests, is the usage of real XML test files. To easilymarshall these into your Java classes with JAX-B, this starter brings a utility class [de.codecentric.cxf.common.XmlUtils](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/src/main/java/de/codecentric/cxf/common/XmlUtils.java) with lots of useful methods like __readSoapMessageFromStreamAndUnmarshallBody2Object(java.io.InputStream fileStream, Class<T> jaxbClass)__. Then you could do things inside your testcases like:

```java
@Value(value="classpath:requests/GetCityForecastByZIPTest.xml")
private org.springframework.core.io.Resource GetCityForecastByZIPTestXml;

@Test
public void getCityForecastByZIP() throws WeatherException, BootStarterCxfException, IOException {
    GetCityForecastByZIP getCityForecastByZIP =
        XmlUtils.readSoapMessageFromStreamAndUnmarshallBody2Object(GetCityForecastByZIPTestXml.getInputStream(), GetCityForecastByZIP.class);
    ...
}
```

##### SOAP Raw client

Enables automatic testing of malformed XML Requests (e.g. for Testing your Custom SOAP faults) with the [de.codecentric.cxf.soaprawclient.SoapRawClient](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/src/main/java/de/codecentric/cxf/soaprawclient/SoapRawClient.java). To use it in your Testcases, initialize the SoapRawClient inside a @Configuration annotated Class like this:

```java
```

---

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@Bean
public SoapRawClient soapRawClient() throws BootStarterCxfException {
    return new SoapRawClient(buildUrl(), YourServiceInterface.class);
}

public String buildUrl() {
    // return something like http://localhost:8084/soap-api/WeatherSoapService
    return "http://localhost:8084" + cxfAutoConfiguration.getBaseAndServiceEndingUrl();
}

@Autowired
private CxfAutoConfiguration cxfAutoConfiguration;
```.

### Running Client-only mode

If you'd like to run Apache CXF only to call other SOAP web services but don't want to provide one for yourself, than booting up a complete server is a bit to much for you. Therefore you're also able to deactivate the Complete automation of Endpoint initialization feature, which only makes sense if you have an Endpoint to fire up. You can deactivate it with the following property in your application.properties:

```
endpoint.autoinit=false
```.

# Concepts

### Complete automation of Endpoint initialization

#### 100% contract first approach

Taking into account a __100% contract first development approach__ there shouldn't be a single reason, why one has to manually configure Endpoints in Apache CXF - because pretty much every piece of information that is necessary to configure them should be available through the WSDL. Since the start of this spring-boot-starter project, this was a thought that didn't let me go.

To understand, how the complete automation of Endpoint initialization is implemented in the cxf-spring-boot-starter, lets first have a look on how the initialization works without the help of the starter. To instantiate & publish a `org.apache.cxf.jaxws.EndpointImpl`, we need the SEI implementing class and the generated WebServiceClient annotated class. In a non-automated way to use Apache CXF to fire up JAX-WS endpoints, this is done with code like this:

```
@Bean
public WeatherService weatherService() {
    return new WeatherServiceEndpoint();
}
```.
@Bean
public Endpoint endpoint() {
    EndpointImpl endpoint = new EndpointImpl(springBus(), weatherService());
    endpoint.setServiceName(weather().getServiceName());
    endpoint.setWsdlLocation(weather().getWSDLDocumentLocation().toString());
    endpoint.publish(serviceUrlEnding());
    return endpoint;
}

@Bean
public Weather weather() {
    // Needed for correct ServiceName & WSDLLocation to publish contract first incl. original WSDL
    return new Weather();
}
```
The easier parts are the SpringBus, which we already have instantiated in our[CxfAutoConfiguration](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/src/main/java/de/codecentric/cxf/configuration/CxfAutoConfiguration.java), and the serviceUrlEnding, which is constructed from the configurable base url and the WSDL tags `service name` content.
To instantiate the EndpointImpl, set the service name and the WSDL location correctly, we need the __SEI implementing class__ (which you have to write yourself, because its the starting point for your implementation) and the generated __WebServiceClient annotated class__.

```
#### Scanning...

Because a spring-boot-starter is a generic thing everybody can use just via including it in the pom, these two classes are not fixed - they are always generated or derived from generated classes. Therefore we have to search for them - according to some things we know. The search is done with the help of Springs[ClassPathScanningCandidateComponentProvider](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.html) (instead of using the really nice [fast-classpath-scanner](http://stackoverflow.com/questions/259140/scanning-java-annotations-at-runtime/1415338#comment70214187_1415338), which didnt work well in this use case).

Either scanning framework you use, self written or library - any of them will be much faster, if you have the package names of the searched classes. In some scenarios -especially with theClassPathScanningCandidateComponentProvider used here - you __have to know__ the packages, otherwise scanning will fail (because it tries to double-scan [the package org.springframework itself](https://github.com/spring-projects/spring-boot/issues/3850)). So to search for the WebServiceClient annotated class and the SEI itself (which we need to scan for the SEI implementation, which is only characterized due to the fact of implementing the SEI), we need to somehow know their package beforehand.

Here [cxf-spring-boot-starter-maven-plugin](https://github.com/codecentric/cxf-spring-boot-starter-maven-plugin) comes to our rescue. With the new 1.0.8s feature [Extract the targetNamespace from the WSDL, generate the SEI and WebServiceClient annotated classes package names from it & write it together with the projects package name into a cxf-spring-boot-maven.properties](https://github.com/codecentric/cxf-spring-boot-starter-maven-plugin/issues/6) the package names are extracted into a __cxf-spring-boot-maven.properties__ file inside your
The package name of the WebServiceClient annotated class and the SEI are derived from the WSDL:

> To get this 100% right, we need to use the same mechanism as the [jaxws-maven-plugin](https://github.com/mojohaus/jaxws-maven-plugin), which itself uses [WSimportTool](https://github.com/gf-metro/jaxws/blob/master/jaxws-ri/tools/wcompile/src/main/java/com/sun/tools/ws/wcompile/WsimportTool.java) of the [JAXWS-RI implementation](https://github.com/gf-metro/jaxws), to obtain the package-Name from the WSDL file, where the classes are generated to. The `targetNamespace` of the WSDL is used to generate the package name. If you have `targetNamespace="http://www.codecentric.de/namespace/weatherservice/"` for example, your package will be `de.codecentric.namespace.weatherservice`. One can find the code used to generate the package name in the [WSDLModeler](https://github.com/gf-metro/jaxws/blob/master/jaxws-ri/tools/wcompile/src/main/java/com/sun/tools/ws/processor/modeler/wsdldl/WSDLModeler.java) at line 2312 (This algorithm is specified in the JAXB spec. So we rely onto it):

```java
String wsdlUri = document.getDefinitions().getTargetNamespaceURI();
return XJC.getDefaultPackageName(wsdlUri);
```

The package name of the SEI implementing class is a bit more of a guesswork, because this class could literally reside everywhere. BUT: If you start a project to use a spring-boot-starter, the 99,9% case will be to start with a Maven pom - and even faster through the usage of the [Spring initializr](http://start.spring.io/). It should be safe to rely on that and just guess the package name from your projects pom. This will in 99,9% of all cases contain your SEI implementing class, which is youre entry point to develop a SOAP web service with this starter and CXF.

#### Auto initialize the Endpoint!

![Complete automation of endpoint initialization](https://github.com/codecentric/cxf-spring-boot-starter/blob/master/completeAutomationOfEndpointInitialization.png)

Now having the package names of every needed class residing in the `__cxf-spring-boot-maven.properties__` file after a run of `mvn generate-sources`, using Springs

[ClassPathScanningCandidateComponentProvider](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.html) to scan for the WebServiceClient annotated class is easy - just adding a new

[AnnotationTypeFilter](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/core/type/filter/AnnotationTypeFilter.html) and voila weve got the class. Obtaining the class of an interface which has some annotation isn't possible with the Spring scanner at first sight (and therefore we had a [long experimenting phase with the fast-classpath-scanner](https://github.com/codecentric/cxf-spring-boot-starter/issues/6)). But looking a bit deeper, this is also possible - just via a [really small hack :)](http://stackoverflow.com/questions/17477255/component-scan-for-custom-annotation-on-interface/41504372#41504372), which only means to override the

[ClassPathScanningCandidateComponentProvider](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.html):

```java
ClassPathScanningCandidateComponentProvider scanningProvider = new
ClassPathScanningCandidateComponentProvider(false) {
  @Override
```
Now were able to scan for the SEI. And with that and adding the
[AssignableTypeFilter](http://docs.spring.io/spring/docs/current/javadoc-api/org/springframework/core/type/filter/AssignableTypeFilter.html) we also get the needed SEI implementing class.

Having all the three necessary classes at hand, we can easily and automatically fire up a
`org.apache.cxf.jaxws.EndpointImpl`!

If you start your Spring Boot application and everything went fine, then you should see some of those log messages inside your console:

```
[...] INFO 83684 --- [ost-startStop-1] d.c.c.a.WebServiceAutoDetector           : Found WebServiceClient class:
 'de.codecentric.namespace.weatherservice.Weather'
[...] INFO 83684 --- [  restartedMain] d.c.c.a.WebServiceAutoDetector           : Found SEI implementing class:
 'de.codecentric.soap.endpoint.WeatherServiceEndpoint'
```

#### Deactivate autoinitialization

Although it should be a great feature to be able to work 100% contract first, there might be situations, where one wants to deactivate it. E.g. while running in [client-only mode](https://github.com/codecentric/cxf-spring-boot-starter#running-client-only-mode).

Because there is (& sadly will be) [no @ConditionalOnMissingProperty in Spring Boot](https://github.com/spring-projects/spring-boot/issues/4938), we need to use a workaround:

```
@Bean
@ConditionalOnProperty(name = "endpoint.autoinit", matchIfMissing = true)
public Endpoint endpoint() throws BootStarterCxfException ...
```

To get the desired deactivation flag nevertheless, we need to use the
[@ConditionalOnProperty](http://docs.spring.io/spring-boot/docs/current/api/org/springframework/bootstrap/autoconfigure/condition/ConditionalOnProperty.html) in an interesting way :) With the usage of `matchIfMissing = true` and `name = "endpoint.autoinit"` the autoinitialization feature is activated in situations, where the property is missing or is set to `true`. Only, if `endpoint.autoinit=false` the feature is disabled (which is quite ok in our use-case).
Setting the URL of the endpoint

You can manually specify the url of the Service Endpoint using the spring property: `soap.service.publishedEndpointUrl`. This can be handy if your application is behind a reverse proxy and the resulting WSDLs don't reflect that.

# Known limitations

### Using devtools with mvn spring-boot:run

If you want to use the well known [Spring Boot Developer Tools (devtools)](http://docs.spring.io/spring-boot/docs/current/reference/html/using-boot-devtools.html) - no problem. As long as you don't want to use `mvn spring-boot:run`. Because of the devtools make usage of the [2 separate classloaders](http://docs.spring.io/spring-boot/docs/1.4.2.RELEASE/reference/htmlsingle/#using-boot-devtools-restart) the scanned, found and instantiated classes aren't valid inside the other classloader and you could get into [trouble](https://github.com/codecentric/cxf-spring-boot-starter/issues/6). This is only in combination with the [Complete automation of Endpoint initialization feature](https://github.com/codecentric/cxf-spring-boot-starter#complete-automation-of-endpoint-initialization) and the starting method `mvn spring-boot:run`. All the other starting mechanisms of Spring Boot will work as expected (`java -jar service.jar`, Starting inside the IDE via `Run as...` or in `mvn test`).

# Contribution

If you want to know more or even contribute to this Spring Boot Starter, maybe you need some information like:

* [The Missing piece - how @Conditional is also needed for your own custom spring boot starter](https://www.packtpub.com/books/content/writing-custom-spring-boot-starters)
* [Boot your own Infrastructure - JavaMagazin](https://public.centerdevice.de/a10fb484-49a8-4a70-ada9-5eeda8c69465)

[BiPro]:https://bipro.net
[logstash-logback-encoder]:https://github.com/logstash/logstash-logback-encoder
[MDC]:http://logback.qos.ch/manual/mdc.html
[cxf-boot-simple]:https://github.com/codecentric/spring-samples/tree/master/cxf-boot-simple

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   analysis/common/src/resources/org/apache/lucene/analysis/bg/stopwords.txt,
   analysis/common/src/resources/org/apache/lucene/analysis/hi/stopwords.txt,
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   analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
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1.2344 wildfly-elytron-jwt 1.11.2.Final

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* /opt/cola/permits/1265207288_1643915048.19/0/wildfly-elytron-jwt-1-11-2-final-sources-jar/org/wildfly/security/mp/jwt/JWTCDIExtension.java

1.2345 enum34 1.1.6

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1.2346 docopt 0.6.2

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1.2347 jinja2 2.11.2

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```python
import io
import re

from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
    readme = f.read()

with io.open("src/jinja2/__init__.py", "rt", encoding="utf8") as f:
    version = re.search(r'__version__ = "(.*)"', f.read(), re.M).group(1)

setup(
    name="Jinja2",
    version=version,
    project_urls={
        "Documentation": "https://jinja.palletsprojects.com/",
        "Code": "https://github.com/pallets/jinja",
        "Issue tracker": "https://github.com/pallets/jinja/issues",
    },
    license="BSD-3-Clause",
    author="Armin Ronacher",
    author_email="armin.ronacher@active-4.com",
    maintainer="Pallets",
    maintainer_email="contact@palletsprojects.com",
    description="A very fast and expressive template engine.",
    long_description=readme,
    classifiers=[
        "Development Status :: 5 - Production/ Stable",
        "Environment :: Web Environment",
        "Intended Audience :: Developers",
        "License :: OSI Approved :: BSD License",
        "Operating System :: OS Independent",
        "Programming Language :: Python",
        "Programming Language :: Python :: 2",
        "Programming Language :: Python :: 2.7",
        "Programming Language :: Python :: 3",
        "Programming Language :: Python :: 3.5",
        "Programming Language :: Python :: 3.6",
        "Programming Language :: Python :: 3.7",
```
"Programming Language :: Python :: 3.8",
"Programming Language :: Python :: Implementation :: CPython",
"Programming Language :: Python :: Implementation :: PyPy",
"Topic :: Internet :: WWW/HTTP :: Dynamic Content",
"Topic :: Software Development :: Libraries :: Python Modules",
"Topic :: Text Processing :: Markup :: HTML",
],
packages=find_packages("src"),
package_dir={"": "src"},
include_package_data=True,
python_requires=">=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*",
install_requires=["MarkupSafe>=0.23"],
extras_require={"i18n": ["Babel>=0.8"]},
entry_points={"babel.extractors": ["jinja2 = jinja2.ext:babel_extract[i18n]"]},
)

Found in path(s):
* /opt/cola/permits/1160880513_1620412497.03/0/jinja2-2-11-2-1-tar-gz/Jinja2-2.11.2/setup.py
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It includes:

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- Define and import macros within templates.
- HTML templates can use autoescaping to prevent XSS from untrusted user input.
- A sandboxed environment can safely render untrusted templates.
- AsyncIO support for generating templates and calling async functions.
- I18N support with Babel.
- Templates are compiled to optimized Python code just-in-time and cached, or can be compiled ahead-of-time.
- Exceptions point to the correct line in templates to make debugging easier.
- Extensible filters, tests, functions, and even syntax.

Jinja's philosophy is that while application logic belongs in Python if possible, it shouldn't make the template designer's job difficult by restricting functionality too much.
Install and update using `pip`:

.. code-block:: text

    $ pip install -U Jinja2


In A Nutshell
-------------

.. code-block:: jinja

    {% extends "base.html" %}
    {% block title %}Members{% endblock %}
    {% block content %}
    <ul>
    {% for user in users %}
    <li><a href="{{ user.url }}">{{ user.username }}</a></li>
    {% endfor %}
    </ul>
    {% endblock %}

Links
-----

- Website: https://palletsprojects.com/p/jinja/
- Documentation: https://jinja.palletsprojects.com/
- Releases: https://pypi.org/project/Jinja2/
- Code: https://github.com/pallets/jinja
- Issue tracker: https://github.com/pallets/jinja/issues
- Test status: https://dev.azure.com/pallets/jinja/_build
- Official chat: https://discord.gg/t6rrQZH

Platform: UNKNOWN
Classifier: Development Status :: 5 - Production/Stable
Classifier: Environment :: Web Environment
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
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Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 2.7
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1.2348 gawk 4.0.2 4.el7_3.1

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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* /opt/cola/permits/1003523487_1646171696.02/0/plexus-interactivity-api-1-0-alpha-4-sources-jar/org/codehaus/plexus/components/interactivity/DefaultPrompter.java
* /opt/cola/permits/1003523487_1646171696.02/0/plexus-interactivity-api-1-0-alpha-4-sources-jar/org/codehaus/plexus/components/interactivity/OutputHandler.java
* /opt/cola/permits/1003523487_1646171696.02/0/plexus-interactivity-api-1-0-alpha-4-sources-jar/org/codehaus/plexus/components/interactivity/AbstractInputHandler.java
* /opt/cola/permits/1003523487_1646171696.02/0/plexus-interactivity-api-1-0-alpha-4-sources-jar/org/codehaus/plexus/components/interactivity/PrompterException.java
* /opt/cola/permits/1003523487_1646171696.02/0/plexus-interactivity-api-1-0-alpha-4-sources-jar/org/codehaus/plexus/components/interactivity/PrompterException.java
* /opt/cola/permits/1003523487_1646171696.02/0/plexus-interactivity-api-1-0-alpha-4-sources-
1.2358 libao 1.1.0 8.el7

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* /opt/ws_local/PERMITS_SQL/1074378306_1597130251.36/0/sl4j-log4j12-1-5-8-sources-
jar/org/slf4j/impl/Log4jLoggerAdapter.java

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* /opt/ws_local/PERMITS_SQL/1074378306_1597130251.36/0/slf4j-log4j12-1-5-8-sources-
  jar/org/slf4j/impl/StaticLoggerBinder.java

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* /opt/ws_local/PERMITS_SQL/1074378306_1597130251.36/0/slf4j-log4j12-1-5-8-sources-jar/org/slf4j/impl/StaticMarkerBinder.java

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* /opt/ws_local/PERMITS_SQL/1074378306_1597130251.36/0/slf4j-log4j12-1-5-8-sources-jar/org/slf4j/impl/Log4jLoggerFactory.java

1.2367 lombok 1.18.12
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## -*-makefile-*-
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
## Commands to generate dependency files
GEN_DEPS.c=\$(CC) -E -MM \$(DEFS) \$(CPPFLAGS)
GEN_DEPS.cc=\$(CXX) -E -MM \$(DEFS) \$(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir \$(MIDDLE_SO_TARGET))
## Shared library options

LD_SOPTIONS= -Wl,-Wsymbolic

## Shared object suffix

SO = so

## Non-shared intermediate object suffix

STATIC_O = ao

## Compilation rules

%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<

%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<

%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules

%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec "$ (GEN_DEPS.c) $< \ 
| sed "\(\$*\)\.o[ :]*/$\n" > $@; \
[ -s $@ ] || rm -f $@’

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec "$ (GEN_DEPS.cc) $< \ 
| sed "\(\$*\)\.o[ :]*/$\n" > $@; \
[ -s $@ ] || rm -f $@’

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s $< $@

%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s $< $@

## End FreeBSD-specific setup

1.2369 berkeley-db 5.3.21 25.el7
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1.2370 libidn 1.28-4.el7.0atomix1

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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Version 3, 29 June 2007

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/support/SessionFlashMapManager.java
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  * @since 3.1
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* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/view/ViewResolverComposite.java
* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurerComposite.java
* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/mvc/condition/RequestCondition.java
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* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurerAdapter.java
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* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/config/annotation/RedirectViewControllerRegistration.java
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* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/NoHandlerFoundException.java
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The XSLT Source object is supplied as a parameter in the model and then detected during response rendering. Users can either specify a specific entry in the model via the sourceKey property or have Spring locate the Source object. This class also provides basic conversion of objects into Source implementations. See here for more details.

All model parameters are passed to the XSLT Transformer as parameters. In addition the user can configure output properties to be passed to the Transformer.

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* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/tags/ParamAware.java
* /opt/cola/permits/1135892597_1613626904.48/0/spring-webmvc-5-2-10-release-sources-1-jar/org/springframework/web/servlet/SmartView.java
1.2376 springfoxswagger 2.9.2

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* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/InheritanceDeterminer.java
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* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/ModelMapper.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/OAuth2AuthFactory.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/ParameterMapper.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/configuration/Swagger2JacksonModule.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/ApiKeyAuthFactory.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/BasicAuthFactory.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/VendorExtensionsMapper.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/SerializableParameterFactories.java
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* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-
  jar/springfox/documentation/swagger2/mappers/LicenseMapper.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-
  jar/springfox/documentation/swagger2/mappers/SecuritySchemeFactory.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-
  jar/springfox/documentation/swagger2/annotations/EnableSwagger2.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-
  jar/springfox/documentation/swagger2/mappers/ServiceModelToSwagger2Mapper.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-
  jar/springfox/documentation/swagger2/configuration/Swagger2DocumentationConfiguration.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-
  jar/springfox/documentation/swagger2/mappers/SerializableParameterFactory.java

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* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/EnumMapper.java
* /opt/cola/permits/1177939619_1625570713.75/0/springfox-swagger2-2-9-2-sources-3-jar/springfox/documentation/swagger2/mappers/Properties.java

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1.2377 extract 1.0

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Metadata-Version: 1.0
Name: Extract
Version: 1.0
Summary: Extraction tool for model and observed data intercomparison
Home-page: https://bitbucket.org/luizirber/extract
Author: Luiz Irber
Author-email: luiz.irber@gmail.com
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  jar/org/apache/commons/logging/LogFactory.java
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* @author:     zhang
* @version:    $Revision$
* @created:    Apr 24, 2009
* 
* Description: A class to decode PEM files
* 
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*
**************************************************************************
*
*@author:     zhang
*@version:    $Revision$
*@created:    Apr 24, 2009
*
*Description: A KeySpec for PKCS#1 encoded RSA private key
*
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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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1.2384 opensaml-soap-impl 3.3.0

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* /opt/cola/permits/1000966704_1646171541.29/0/java-support-7-1-1-sources-jar/net/shibboleth/utilities/java/support/logic/package-info.java
* /opt/cola/permits/1000966704_1646171541.29/0/java-support-7-1-1-sources-jar/net/shibboleth/utilities/java/support/collection/LazyList.java
* /opt/cola/permits/1000966704_1646171541.29/0/java-support-7-1-1-sources-jar/net/shibboleth/utilities/java/support/logic/FunctionSupport.java

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* /opt/cola/permits/1000966704_1646171541.29/0/java-support-7-1-1-sources-jar/net/shibboleth/utilities/java/support/net/IPRange.java
* /opt/cola/permits/1000966704_1646171541.29/0/java-support-7-1-1-sources-jar/net/shibboleth/utilities/java/support/net/URIComparator.java
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* /opt/cola/permits/1000966704_1646171541.29/0/java-support-7-1-1-sources-jar/net/shibboleth/utilities/java/support/security/DataExpiredException.java
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* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-
jar/org/springframework/cglib/proxy/Enhancer.java
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* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/core/io/support/ResourcePatternResolver.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-jar/org/springframework/core/type/filter/RegexPatternTypeFilter.java
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jar/org/springframework/core/codec/Encoder.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-
jar/org/springframework/core/support/SpringFactoriesLoader.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-
jar/org/springframework/core/io/CompositeIterator.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-
jar/org/springframework/core/io/FileUrlResource.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-
jar/org/springframework/core/io/support/SpringFactoriesLoader.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-
jar/org/springframework/core/io/buffer/DataBufferFactory.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-
jar/org/springframework/core/io/support/LocalizedResourceHelper.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-
jar/org/springframework/core/OrderComparator.java
* /opt/ws_local/PERMITS_SQL/1069262461_1594595111.79/0/spring-core-5-1-9-release-sources-
jar/org/springframework/core/task/AsyncTaskExecutor.java
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.
If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

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util/unlink.py
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backport frop python3 Lib/test/support.py

1.2411 jetty-io 9.4.20.v20190813

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish
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The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

Oracle OpenJDK

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util
org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

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Assorted

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* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/ASMContentHandler.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXAdapter.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
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* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/signature/SignatureVisitor.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/util/TraceSignatureVisitor.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/ByteVector.java
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* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/analysis/Analyzer.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/analysis/Interpreter.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/MethodWriter.java
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* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/util/TraceAbstractVisitor.java
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* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-
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* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-
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* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/FieldNode.java
* /opt/cola/permits/1135891771_1613626596.19/0/asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/analysis/BasicValue.java
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* /opt/cola/permits/1148130785_1638234342.73/0/spring-boot-autoconfigure-2-1-2-release-sources-1-
  jar/org/springframework/boot/autoconfigure/mail/MailSenderValidatorAutoConfiguration.java
* /opt/cola/permits/1148130785_1638234342.73/0/spring-boot-autoconfigure-2-1-2-release-sources-1-
  jar/org/springframework/boot/autoconfigure/condition/ResourceCondition.java
* /opt/cola/permits/1148130785_1638234342.73/0/spring-boot-autoconfigure-2-1-2-release-sources-1-
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* /opt/cola/permits/1148130785_1638234342.73/0/spring-boot-autoconfigure-2-1-2-release-sources-1-
  jar/org/springframework/boot/autoconfigure/flyway/package-info.java
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* /opt/cola/permits/1148130785_1638234342.73/0/spring-boot-autoconfigure-2-1-2-release-sources-1.jar/org/springframework/boot/autoconfigure/jms/artemis/ArtemisAutoConfiguration.java
* /opt/cola/permits/1148130785_1638234342.73/0/spring-boot-autoconfigure-2-1-2-release-sources-1.jar/org/springframework/boot/autoconfigure/jdbc/DataSourceBeanCreationFailureAnalyzer.java
* /opt/cola/permits/1148130785_1638234342.73/0/spring-boot-autoconfigure-2-1-2-release-sources-1.jar/org/springframework/boot/autoconfigure/mongo/MongoReactiveAutoConfiguration.java

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* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/ByteCollections.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/LongObjectHashMap.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/IntObjectMap.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/IntCollections.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/CharObjectHashMap.java
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* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/ShortCollections.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/CharCollections.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/ShortObjectMap.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/ByteObjectMap.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/INTERNAL/ObjectUtil.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/IntObjectHashMap.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/collection/IntObjectMap.java
jar/io/netty/util/collection/ByteObjectHashMap.java
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jar/io/netty/util/concurrent/PromiseAggregator.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-
jar/io/netty/util/Mapping.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-
jar/io/netty/util/internal/UnpaddedInternalThreadLocalMap.java
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* /opt/cola/permissions/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-
jar/io/netty/util/concurrent/OrderedEventExecutor.java
* /opt/cola/permissions/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-
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* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/internal/package-info.java
* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/internal/logging/CommonsLoggerFactory.java
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* /opt/cola/permits/1068323193_1612592657.51/0/netty-common-4-1-31-final-sources-jar/io/netty/util/internal/LongCounter.java
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXFFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.S(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.S(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "\"s/\(\#\)\?OW/ /g\" > $@; \
[ -s $@ ] || rm -f $@

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "\"s/\(\#\)\?OW/ /g\" > $@; \
[ -s $@ ] || rm -f $@

## Versioned libraries rules
%.S(SO).$(SO_TARGET_VERSION_MAJOR): %.S(SO).$(SO_TARGET_VERSION) $(RM) $@ && ln -s ${<F} $@
%.S(SO): %.S(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.${(SO).$(SO_TARGET_VERSION)} $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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1.2439 passwd 0.79 6.el7

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1.2441 glibc 2.17-316.el7

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting 
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands 
as a successor of a language called ABC. Guido remains Python's 
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for 
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) 
in Reston, Virginia where he released several versions of the 
software.

In May 2000, Guido and the Python core development team moved to 
BeOpen.com to form the BeOpen PythonLabs team. In October of the same 
year, the PythonLabs team moved to Digital Creations, which became 
Zope Corporation. In 2001, the Python Software Foundation (PSF, see 
https://www.python.org/psf/) was formed, a non-profit organization 
created specifically to own Python-related Intellectual Property. 
Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for 
the Open Source Definition). Historically, most, but not all, Python 
releases have also been GPL-compatible; the table below summarizes 
the various releases.

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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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 *
 * $Id: sha1.h 347 2003-02-23 22:11:49Z asaddi $
 */
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private boolean isDefault;

public Permission() {
}

public Permission(String permission, String description) {
    this.description = description;
    this.permission = permission;
}

public String getDescription() {
    return description;
}

public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

}
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 */

package org.apache.cxf.io;
import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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* /opt/cola/permits/1138130470_1614265816.92/0/jcommander-1-12-sources-2-jar/com/beust/jcommander/ResourceBundle.java
* /opt/cola/permits/1138130470_1614265816.92/0/jcommander-1-12-sources-2-jar/com/beust/jcommander/converters/StringConverter.java
* /opt/cola/permits/1138130470_1614265816.92/0/jcommander-1-12-sources-2-jar/com/beust/jcommander/internal/Sets.java
* /opt/cola/permits/1138130470_1614265816.92/0/jcommander-1-12-sources-2-jar/com/beust/jcommander/defaultprovider/PropertyFileDefaultProvider.java
* /opt/cola/permits/1138130470_1614265816.92/0/jcommander-1-12-sources-2-jar/com/beust/jcommander/IStringConverter.java
* /opt/cola/permits/1138130470_1614265816.92/0/jcommander-1-12-sources-2-jar/com/beust/jcommander/ParameterException.java
* /opt/cola/permits/1138130470_1614265816.92/0/jcommander-1-12-sources-2-jar/com/beust/jcommander/Parameter.java
* /opt/cola/permits/1138130470_1614265816.92/0/jcommander-1-12-sources-2-jar/com/beust/jcommander/converters/IntegerConverter.java
* /opt/cola/permits/1138130470_1614265816.92/0/jcommander-1-12-sources-2-jar/com/beust/jcommander/Parameters.java
1.2453 wildfly-protocol 6.0.2.Final

1.2454 elasticsearch 2.3.3
1.2454.1 Available under license:

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 * and limitations under the License.
 */
/**
 * <p>
 * Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible Elasticsearch
 * version.
 * </p>
 * @param upgradeElasticsearchDomainRequest
 * Container for request parameters to <code><a>UpgradeElasticsearchDomain</a></code> operation.
 * @return A Java Future containing the result of the UpgradeElasticsearchDomain operation returned by the service.<br/>
 * The CompletableFuture returned by this method can be completed exceptionally with the following
* exceptions.
* </ul>
* </li>
* <li>BaseException An error occurred while processing the request.</li>
* <li>ResourceNotFoundException An exception for accessing or deleting a resource that does not exist.
* Gives http status code of 400.</li>
* <li>ResourceAlreadyExistsException An exception for creating a resource that already exists. Gives http
* status code of 400.</li>
* <li>DisabledOperationException An error occurred because the client wanted to access a not supported
* operation. Gives http status code of 409.</li>
* <li>ValidationException An exception for missing / invalid input fields. Gives http status code of 400.</li>
* <li>InternalException The request processing has failed because of an unknown error, exception or failure
* (the failure is internal to the service). Gives http status code of 500.</li>
* <li>ElasticsearchException Base class for all exceptions that can be thrown by the SDK (both service and client).
* Can be used for catch all scenarios.</li>
* <li>SdkClientException If any client side error occurs such as an IO related failure, failure to get
* credentials, etc.</li>
* <li>ElasticsearchException Base class for all service exceptions. Unknown exceptions will be thrown as an
* instance of this type.</li>
* </ul>
*/

Found in path(s):
  * /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchAsyncClient.java
  * /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchAsyncClient.java

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Found in path(s):
  * /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/META-INF/maven/software.amazon.awssdk/elasticsearch/pom.xml

No license file was found, but licenses were detected in source scan.
"customizationConfig" : {
  "attachPayloadTraitToMember" : [ ],
  "blacklistedSimpleMethods" : [ ],
  "calculateCrc32FromCompressedData" : false,
  "convenienceTypeOverloads" : [ ],
  "customErrorCodeFieldName" : null,
  "customProtocolFactoryFqcn" : null,
  "customResponseMetadata" : null,
  "customRetryPolicy" : null,
  "customServiceMetadata" : null,
  "defaultSimpleMethodTestRegion" : null,
  "deprecatedOperations" : [ ],
  "deprecatedShapes" : [ ],
  "excludeClientCreateMethod" : false,
  "modelMarshallerDefaultValueSupplier" : [ ],
  "operationModifiers" : null,
  "renameShapes" : null,
  "sdkModeledExceptionBaseClassName" : null,
  "sdkRequestBaseClassName" : null,
  "sdkResponseBaseClassName" : null,
  "serviceSpecificClientConfigClass" : null,
  "serviceSpecificHttpConfig" : null,
  "shapeModifiers" : null,
  "shapeSubstitutions" : null,
  "shareModelConfig" : null,
  "skipSyncClientGeneration" : false,
  "useAutoConstructList" : true,
  "useAutoConstructMap" : true,
  "verifiedSimpleMethods" : [ "deleteElasticsearchServiceRole" ]
},
"metadata" : {
  "apiVersion" : "2015-01-01",
  "asyncBuilder" : "DefaultElasticsearchAsyncClientBuilder",
  "asyncBuilderInterface" : "ElasticsearchAsyncClientBuilder",
  "asyncClient" : "DefaultElasticsearchAsyncClient",
  "asyncInterface" : "ElasticsearchAsyncClient",
  "authPolicyPackageName" : null,
  "authType" : "V4",
  "baseBuilder" : "DefaultElasticsearchBaseClientBuilder",
  "baseBuilderInterface" : "ElasticsearchBaseClientBuilder",
  "baseExceptionName" : "ElasticsearchException",
  "baseRequestName" : "ElasticsearchRequest",
  "baseResponseName" : "ElasticsearchResponse",
  "cborProtocol" : false,
  "serviceName" : "elasticsearch",
  "contentType" : null,
  "defaultEndpoint" : null,
  "defaultEndpointWithoutHttpProtocol" : null,
"defaultRegion": null,
"descriptiveServiceName": "Amazon Elasticsearch Service",
"documentation": "<fullname>Amazon Elasticsearch Configuration Service</fullname> <p>Use the Amazon Elasticsearch configuration API to create, configure, and manage Elasticsearch domains.</p> <p>The endpoint for configuration service requests is region-specific: es.<i>region</i>.amazonaws.com. For example, es.us-east-1.amazonaws.com. For a current list of supported regions and endpoints, see <a href="http://docs.aws.amazon.com/general/latest/gr/rande.html#elasticsearch-service-regions" target="_blank">Regions and Endpoints</a>.</p>
"endpointPrefix": "es",
"fullAuthPolicyPackageName": "software.amazon.awssdk.services",
"fullClientPackageName": "software.amazon.awssdk.services.elasticsearch",
"fullModelPackageName": "software.amazon.awssdk.services.elasticsearch.model",
"fullPaginatorsPackageName": "software.amazon.awssdk.services.elasticsearch.paginators",
"fullRequestTransformPackageName": "software.amazon.awssdk.services.elasticsearch.transform",
"fullTransformPackageName": "software.amazon.awssdk.services.elasticsearch.transform",
"ionProtocol": false,
"jsonProtocol": true,
"jsonVersion": "1.1",
"modelPackageName": "elasticsearch.model",
"paginatorsPackageName": "elasticsearch.paginators",
"protocol": "rest-json",
"requestTransformPackageName": "elasticsearch.transform",
"requiresApiKey": false,
"requiresIamSigners": false,
"rootPackageName": "software.amazon.awssdk.services",
"serviceName": "Elasticsearch",
"signingName": "es",
"syncBuilder": "DefaultElasticsearchClientBuilder",
"syncBuilderInterface": "ElasticsearchClientBuilder",
"syncClient": "DefaultElasticsearchClient",
"syncInterface": "ElasticsearchClient",
"transformPackageName": "elasticsearch.transform",
"uid": "es-2015-01-01",
"xmlProtocol": false
},
"operations": {
"AddTags": {
"authenticated": true,
"deprecated": false,
"documentation": "<p>Attaches tags to an existing Elasticsearch domain. Tags are a set of case-sensitive key value pairs. An Elasticsearch domain may have up to 10 tags. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-awsresorctagging" target="_blank"> Tagging Amazon Elasticsearch Service Domains for more information</a>.</p>
"endpointTrait": null,
"exceptions": [
"exceptionName": "BaseException",
"documentation": "An error occurred while processing the request."],
"httpStatusCode" : null
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  "exceptionName" : "LimitExceededException",
  "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.</p>",
  "httpStatusCode" : 409
],
  
  "exceptionName" : "ValidationException",
  "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
  "httpStatusCode" : 400
],
  
  "exceptionName" : "InternalException",
  "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
  "httpStatusCode" : 500
},
  
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "AddTagsRequest",
    "variableName" : "addTagsRequest",
    "variableType" : "AddTagsRequest",
    "documentation" : "<p>Container for the parameters to the <code>AddTags</code> operation. Specify the tags that you want to attach to the Elasticsearch domain.</p>",
    "simpleType" : "AddTagsRequest",
    "variableSetterType" : "AddTagsRequest"
  },
  "methodName" : "addTags",
  "operationName" : "AddTags",
  "paginated" : false,
  "returnType" : {
    "returnType" : "AddTagsResponse",
    "documentation" : null
  },
  "syncReturnType" : "AddTagsResponse"
},
  "CancelElasticsearchServiceSoftwareUpdate" : {
    "authenticated" : true,
    "deprecated" : false,
    "documentation" : "<p>Cancels a scheduled service software update for an Amazon ES domain. You can only perform this operation before the <code>AutomatedUpdateDate</code> and when the <code>UpdateStatus</code> is in the <code>PENDING_UPDATE</code> state.</p>",
    "endpointTrait" : null,
    "exceptions" : [
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        "exceptionName" : "BaseException",
        "documentation" : "<p>An error occurred while processing the request.</p>",
        "httpStatusCode" : null
      },
      {
        "exceptionName" : "InternalException",
        "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
        "httpStatusCode" : 500
      }
    ]}
"documentation": "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.",
"httpStatusCode": 500
},
{ "exceptionName": "ResourceNotFoundException",
"documentation": "An exception for accessing or deleting a resource that does not exist. Gives http status code of 409.",
"httpStatusCode": 409
},
{ "exceptionName": "ValidationException",
"documentation": "An exception for missing / invalid input fields. Gives http status code of 400.",
"httpStatusCode": 400
}
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"hasBlobMemberAsPayload": false,
"input": {
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"variableName": "cancelElasticsearchServiceSoftwareUpdateRequest",
"variableType": "CancelElasticsearchServiceSoftwareUpdateRequest",
"documentation": "Container for the parameters to the <code><a>CancelElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the Elasticsearch domain that you wish to cancel a service software update on.",
"simpleType": "CancelElasticsearchServiceSoftwareUpdateRequest",
"variableSetterType": "CancelElasticsearchServiceSoftwareUpdateRequest"
},
"methodName": "cancelElasticsearchServiceSoftwareUpdate",
"operationName": "CancelElasticsearchServiceSoftwareUpdate",
"paginated": false,
"returnType": {
"returnType": "CancelElasticsearchServiceSoftwareUpdateResponse",
"documentation": "The result of a <code>CancelElasticsearchServiceSoftwareUpdate</code> operation. Contains the status of the update.",
"syncReturnType": "CancelElasticsearchServiceSoftwareUpdateResponse"
}
,"CreateElasticsearchDomain": {
"authenticated": true,
"deprecated": false,
"documentation": "Creates a new Elasticsearch domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.",
"endpointTrait": null,
"exceptions": [{
"exceptionName": "BaseException",
"documentation": "An error occurred while processing the request.",
"httpStatusCode": null
},
{ "exceptionName": "DisabledOperationException",}]
}
An error occurred because the client wanted to access a not supported operation. Gives HTTP status code of 409.

```
"httpStatusCode" : 409
```

An exception for trying to create or access sub-resource that is either invalid or not supported. Gives HTTP status code of 409.

```
"httpStatusCode" : 409
```

An exception for trying to create more than allowed resources or sub-resources. Gives HTTP status code of 409.

```
"httpStatusCode" : 409
```

An exception for creating a resource that already exists. Gives HTTP status code of 400.

```
"httpStatusCode" : 409
```

An exception for missing / invalid input fields. Gives HTTP status code of 400.

```
"httpStatusCode" : 400
```

--

hasBlobMemberAsPayload" : false,
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  "documentation" : ",
  "simpleType" : "CreateElasticsearchDomainRequest",
  "variableSetterType" : "CreateElasticsearchDomainRequest"
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"methodName" : "createElasticsearchDomain",
"operationName" : "CreateElasticsearchDomain",
"paginated" : false,
"returnType" : {
  "returnType" : "CreateElasticsearchDomainResponse",
  "documentation" : "The result of a <code>CreateElasticsearchDomain</code> operation. Contains the status of the newly created Elasticsearch domain.
"}
}
"syncReturnType" : "CreateElasticsearchDomainResponse"
}
"DeleteElasticsearchDomain" : {
Open Source Used In Data Center Network Manager 11 11.5(4) 22694

"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Permanently deletes the specified Elasticsearch domain and all of its data. Once a domain
is deleted, it cannot be recovered.</p>",
"endpointTrait" : null,
"exceptions" : [ {
"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
}, {
"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode" : 500
}, {
"exceptionName" : "ResourceNotFoundException",
"documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>",
"httpStatusCode" : 409
}, {
"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
} ],
"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "DeleteElasticsearchDomainRequest",
"variableName" : "deleteElasticsearchDomainRequest",
"variableType" : "DeleteElasticsearchDomainRequest",
"documentation" : "<p>Container for the parameters to the <code><a>DeleteElasticsearchDomain</a></code>
operation. Specifies the name of the Elasticsearch domain that you want to delete.</p>",
"simpleType" : "DeleteElasticsearchDomainRequest",
"variableSetterType" : "DeleteElasticsearchDomainRequest"
},
"methodName" : "deleteElasticsearchDomain",
"operationName" : "DeleteElasticsearchDomain",
"paginated" : false,
"returnType" : {
"returnType" : "DeleteElasticsearchDomainResponse",
"documentation" : "<p>The result of a <code>DeleteElasticsearchDomain</code> request. Contains the status
of the pending deletion, or no status if the domain and all of its resources have been deleted.</p>",
"simpleType" : "DeleteElasticsearchDomainResponse"
},
"DeleteElasticsearchServiceRole" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Deletes the service-linked role that Elasticsearch Service uses to manage and maintain
VPC domains. Role deletion will fail if any existing VPC domains use the role. You must delete any such

```
"endpointTrait" : null,
"exceptions" : [ {
  "exceptionName" : "BaseException",
  "documentation" : "An error occurred while processing the request."",
  "httpStatusCode" : null
}, {
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  "documentation" : "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500."",
  "httpStatusCode" : 500
}, {
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  "httpStatusCode" : 400
} ],
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  "variableType" : "DeleteElasticsearchServiceRoleRequest",
  "documentation" : null,
  "simpleType" : "DeleteElasticsearchServiceRoleRequest",
  "variableSetterType" : "DeleteElasticsearchServiceRoleRequest"
},
"methodName" : "deleteElasticsearchServiceRole",
"operationName" : "DeleteElasticsearchServiceRole",
"paginated" : false,
"returnType" : {
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  "documentation" : null
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"syncReturnType" : "DeleteElasticsearchServiceRoleResponse"
```

```
"DescribeElasticsearchDomain" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "Returns domain configuration information about the specified Elasticsearch domain, including the domain ID, domain endpoint, and domain ARN."",
  "endpointTrait" : null,
  "exceptions" : [ {
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    "documentation" : "An error occurred while processing the request."",
    "httpStatusCode" : null
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"documentation": "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode": 500
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"exceptionName": "ResourceNotFoundException",
"documentation": "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
"httpStatusCode": 409
},

"exceptionName": "ValidationException",
"documentation": "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode": 400
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},

"hasBlobMemberAsPayload": false,

"input": {
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"variableName": "describeElasticsearchDomainRequest",
"variableType": "DescribeElasticsearchDomainRequest",
"documentation": "Container for the parameters to the <code><a>DescribeElasticsearchDomain</a></code> operation.
"simpleType": "DescribeElasticsearchDomainRequest",
"variableSetterType": "DescribeElasticsearchDomainRequest"
},

"methodName": "describeElasticsearchDomain",
"operationName": "DescribeElasticsearchDomain",
"paginated": false,

"returnType": {
"returnType": "DescribeElasticsearchDomainResponse",
"documentation": "The result of a <code>DescribeElasticsearchDomain</code> request. Contains the status of the domain specified in the request.
"syncReturnType": "DescribeElasticsearchDomainResponse"
},

"DescribeElasticsearchDomainConfig": {
"authenticated": true,
"deprecated": false,
"documentation": "Provides cluster configuration information about the specified Elasticsearch domain, such as the state, creation date, update version, and update date for cluster options.
"endpointTrait": null,

"exceptions": [{
"exceptionName": "BaseException",
"documentation": "<p>An error occurred while processing the request.</p>",
"httpStatusCode": null
},

"exceptionName": "InternalException",
"documentation": "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>"},
"httpStatusCode" : 500
], {
"exceptionName" : "ResourceNotFoundException",
"documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
"httpStatusCode" : 409
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"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
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"variableType" : "DescribeElasticsearchDomainConfigRequest",
"documentation" : "Container for the parameters to the <code>DescribeElasticsearchDomainConfig</code> operation. Specifies the domain name for which you want configuration information.</p>",
"simpleType" : "DescribeElasticsearchDomainConfigRequest",
"variableSetterType" : "DescribeElasticsearchDomainConfigRequest"
},
"methodName" : "describeElasticsearchDomainConfig",
"operationName" : "DescribeElasticsearchDomainConfig",
"paginated" : false,
"returnType" : {
"returnType" : "DescribeElasticsearchDomainConfigResponse",
"documentation" : "<p>The result of a <code>DescribeElasticsearchDomainConfig</code> request. Contains the configuration information of the requested domain.</p>",
"syncReturnType" : "DescribeElasticsearchDomainConfigResponse"
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"DescribeElasticsearchDomains" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Returns domain configuration information about the specified Elasticsearch domains, including the domain ID, domain endpoint, and domain ARN.</p>",
"endpointTrait" : null,
"exceptions" : [ {
"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
} ], {
"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode" : 500
} ]}
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"httpStatusCode": 400
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"input": {

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"variableName": "describeElasticsearchDomainsRequest",
"variableType": "DescribeElasticsearchDomainsRequest",
"documentation": "<p>Container for the parameters to the <code><a>DescribeElasticsearchDomains</a></code> operation. By default, the API returns the status of all Elasticsearch domains.</p>",

"simpleType": "DescribeElasticsearchDomainsRequest",
"variableSetterType": "DescribeElasticsearchDomainsRequest"
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"methodName": "describeElasticsearchDomains",
"operationName": "DescribeElasticsearchDomains",
"paginated": false,

"returnType": {

"returnType": "DescribeElasticsearchDomainsResponse",
"documentation": "<p>The result of a <code><a>DescribeElasticsearchDomains</a></code> request. Contains the status of the specified domains or all domains owned by the account.</p>"
},

"syncReturnType": "DescribeElasticsearchDomainsResponse"
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"DescribeElasticsearchInstanceTypeLimits": {

"authenticated": true,

"deprecated": false,

"documentation": "<p>Describe Elasticsearch Limits for a given InstanceType and ElasticsearchVersion. When modifying existing Domain, specify the <code><a>DomainName</a></code> to know what Limits are supported for modifying.</p>",

"endpointTrait": null,

"exceptions": [{

"exceptionName": "BaseException",

"documentation": "<p>An error occurred while processing the request.</p>",

"httpStatusCode": null
},

{ "exceptionName": "InternalException",

"documentation": "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",

"httpStatusCode": 500
},

{ "exceptionName": "InvalidTypeException",

"documentation": "<p>An exception for trying to create or access sub-resource that is either invalid or not supported. Gives http status code of 409.</p>",

"httpStatusCode": 409
},

{ "exceptionName": "LimitExceededException",

"documentation": "<p>An exception for trying to create or access sub-resource that is either invalid or not supported. Gives http status code of 409.</p>"}
"documentation" : "An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.\</p>"",
"httpStatusCode" : 409
},

{"exceptionName" : "ResourceNotFoundException",
"documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.\</p>"",
"httpStatusCode" : 409
},

{"exceptionName" : "ValidationException",
"documentation" : "An exception for missing / invalid input fields. Gives http status code of 400.\</p>"",
"httpStatusCode" : 400
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"variableType" : "DescribeElasticsearchInstanceTypeLimitsRequest",
"documentation" : "Container for the parameters to \code<br>\a>DescribeElasticsearchInstanceTypeLimits\</a> \</code> operation. \</p>"",

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"variableSetterType" : "DescribeElasticsearchInstanceTypeLimitsRequest"
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"operationName" : "DescribeElasticsearchInstanceTypeLimits",
"paginated" : false,

"returnType" : {

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"documentation" : "Container for the parameters received from \code<br>\a>DescribeElasticsearchInstanceTypeLimits\</a> \</code> operation. \</p>"",

"syncReturnType" : "DescribeElasticsearchInstanceTypeLimitsResponse"
},

"DescribeReservedElasticsearchInstanceOfferings" : {

"authenticated" : true,
"deprecated" : false,

"documentation" : "Lists available reserved Elasticsearch instance offerings.\</p>"",

"endpointTrait" : null,

"exceptions" : [

"exceptionName" : "ResourceNotFoundException",

"documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.\</p>"",

"httpStatusCode" : 409
],

"exceptionName" : "ValidationException",

"documentation" : "An exception for missing / invalid input fields. Gives http status code of 400.\</p>"",

"httpStatusCode" : 400
}]
}
"exceptionName" : "DisabledOperationException",
"documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
"httpStatusCode" : 409,
}

"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode" : 500,

"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
"variableName" : "describeReservedElasticsearchInstanceOfferingsRequest",
"variableType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
"documentation" : "<p>Container for parameters to <code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
"simpleType" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
"variableSetterType" : "DescribeReservedElasticsearchInstanceOfferingsRequest"
},

"methodName" : "describeReservedElasticsearchInstanceOfferings",
"operationName" : "DescribeReservedElasticsearchInstanceOfferings",
"paginated" : true,
"returnType" : {
"returnType" : "DescribeReservedElasticsearchInstanceOfferingsResponse",
"documentation" : "<p>Container for results from <code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
"syncReturnType" : "DescribeReservedElasticsearchInstanceOfferingsResponse"
},

"DescribeReservedElasticsearchInstances" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Returns information about reserved Elasticsearch instances for this account.</p>",
"endpointTrait" : null,
"exceptions" : [
  {
  "exceptionName" : "ResourceNotFoundException",
  "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
  "httpStatusCode" : 400,
  },
  {
  "exceptionName" : "InternalException",
  "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
  "httpStatusCode" : 500,
  },
  {
  "exceptionName" : "ValidationException",
  "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
  }]}
An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.

An error occurred while processing the request.

An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.

An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.
"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
},

"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode" : 500
]
}

"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "GetCompatibleElasticsearchVersionsRequest",
"variableName" : "getCompatibleElasticsearchVersionsRequest",
"variableType" : "GetCompatibleElasticsearchVersionsRequest",
"documentation" : "<p> Container for request parameters to <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p>",
"simpleType" : "GetCompatibleElasticsearchVersionsRequest",
"variableSetterType" : "GetCompatibleElasticsearchVersionsRequest"
},

"methodName" : "getCompatibleElasticsearchVersions",
"operationName" : "GetCompatibleElasticsearchVersions",
"paginated" : false,
"returnType" : {
"returnType" : "GetCompatibleElasticsearchVersionsResponse",
"documentation" : "<p> Container for response returned by <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p>",
"syncReturnType" : "GetCompatibleElasticsearchVersionsResponse"
},

"GetUpgradeHistory" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Retrieves the complete history of the last 10 upgrades that were performed on the domain.</p>",
"endpointTrait" : null,
"exceptions" : [
{
"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
},
{
"exceptionName" : "ResourceNotFoundException",
"documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
"httpStatusCode" : 409
},
{
"exceptionName" : "DisabledOperationException",
"documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives
"}
http status code of 409.

```

```

```
"exceptionName" : "DisabledOperationException",
"documentation" : "<p>An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.</p>",
"httpStatusCode" : 409
},

"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
},

"exceptionName" : "InternalException",
"documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
"httpStatusCode" : 500
},

"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "GetUpgradeStatusRequest",
"variableName" : "getUpgradeStatusRequest",
"variableType" : "GetUpgradeStatusRequest",
"documentation" : "Container for request parameters to <code><a>GetUpgradeStatus</a></code> operation. <p>"",
"simpleType" : "GetUpgradeStatusRequest",
"variableSetterType" : "GetUpgradeStatusRequest"
},

"methodName" : "getUpgradeStatus",
"operationName" : "GetUpgradeStatus",
"paginated" : false,
"returnType" : {
"returnType" : "GetUpgradeStatusResponse",
"documentation" : "Container for response returned by <code><a>GetUpgradeStatus</a></code> operation. <p>"
},

"syncReturnType" : "GetUpgradeStatusResponse"
},

"ListDomainNames" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Returns the name of all Elasticsearch domains owned by the current user's account.</p>",
"endpointTrait" : null,
"exceptions" : [
"exceptionName" : "BaseException",
"documentation" : "<p>An error occurred while processing the request.</p>",
"httpStatusCode" : null
],

"exceptionName" : "ValidationException",
"documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
"httpStatusCode" : 400
"hasBlobMemberAsPayload" : false,
"input" : {
  "variableDeclarationType" : "ListDomainNamesRequest",
  "variableName" : "listDomainNamesRequest",
  "variableType" : "ListDomainNamesRequest",
  "documentation" : null,
  "simpleType" : "ListDomainNamesRequest",
  "variableSetterType" : "ListDomainNamesRequest"
},
"methodName" : "listDomainNames",
"operationName" : "ListDomainNames",
"paginated" : false,
"returnType" : {
  "returnType" : "ListDomainNamesResponse",
  "documentation" : "The result of a ListDomainNames operation. Contains the names of all Elasticsearch domains owned by this account."
},
"syncReturnType" : "ListDomainNamesResponse"
},
"ListElasticsearchInstanceTypes" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "List all Elasticsearch instance types that are supported for given ElasticsearchVersion",
  "endpointTrait" : null,
  "exceptions" : [ { "exceptionName" : "BaseException",
    "documentation" : "An error occurred while processing the request.",
    "httpStatusCode" : null
  }, { "exceptionName" : "InternalException",
    "documentation" : "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.",
    "httpStatusCode" : 500
  }, { "exceptionName" : "ResourceNotFoundException",
    "documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.",
    "httpStatusCode" : 409
  }, { "exceptionName" : "ValidationException",
    "documentation" : "An exception for missing / invalid input fields. Gives http status code of 400.",
    "httpStatusCode" : 400
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "ListElasticsearchInstanceTypesRequest",
    "variableName" : "listElasticsearchInstanceTypesRequest",
    "variableType" : "ListElasticsearchInstanceTypesRequest",
    "documentation" : null,
    "simpleType" : "ListElasticsearchInstanceTypesRequest",
    "variableSetterType" : "ListElasticsearchInstanceTypesRequest"
  }
}
"variableName" : "listElasticsearchInstanceTypesRequest",
"variableType" : "ListElasticsearchInstanceTypesRequest",
"documentation" : "<p> Container for the parameters to the <code> <a>ListElasticsearchInstanceTypes</a> </code> operation. </p>",
"simpleType" : "ListElasticsearchInstanceTypesRequest",
"variableSetterType" : "ListElasticsearchInstanceTypesRequest"
},
"methodName" : "listElasticsearchInstanceTypes",
"operationName" : "ListElasticsearchInstanceTypes",
"paginated" : true,
"returnType" : {
   "returnType" : "ListElasticsearchInstanceTypesResponse",
   "documentation" : "<p> Container for the parameters returned by <code> <a>ListElasticsearchInstanceTypes</a> </code> operation. </p>
},
"syncReturnType" : "ListElasticsearchInstanceTypesResponse"
],
"ListElasticsearchVersions" : {
   "authenticated" : true,
   "deprecated" : false,
   "documentation" : "<p>List all supported Elasticsearch versions</p>",
   "endpointTrait" : null,
   "exceptions" : [ {
      "exceptionName" : "BaseException",
      "documentation" : "<p>An error occurred while processing the request.</p>",
      "httpStatusCode" : null
   }, {
      "exceptionName" : "InternalException",
      "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
      "httpStatusCode" : 500
   }, {
      "exceptionName" : "ResourceNotFoundException",
      "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 409.</p>",
      "httpStatusCode" : 409
   }, {
      "exceptionName" : "ValidationException",
      "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>",
      "httpStatusCode" : 400
   } ],
   "hasBlobMemberAsPayload" : false,
   "input" : {
      "variableDeclarationType" : "ListElasticsearchVersionsRequest",
      "variableName" : "listElasticsearchVersionsRequest",
      "variableType" : "ListElasticsearchVersionsRequest",
      "documentation" : "<p> Container for the parameters to the <code> <a>ListElasticsearchVersions</a> </code> operation. </p>
   } Use <code> <a>MaxResults</a> </code> to control the maximum number of results to retrieve in a
single call. Use NextToken in response to retrieve more results. If the received response does not contain a NextToken, then there are no more results to retrieve.

```
"simpleType" : "ListElasticsearchVersionsRequest",
"variableSetterType" : "ListElasticsearchVersionsRequest"
},
"methodName" : "listElasticsearchVersions",
"operationName" : "ListElasticsearchVersions",
"paginated" : true,
"returnType" : {
"returnType" : "ListElasticsearchVersionsResponse",
"documentation" : "Container for the parameters for response received from ListElasticsearchVersions operation."
},
"syncReturnType" : "ListElasticsearchVersionsResponse"
},
"ListTags" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "Returns all tags for the given Elasticsearch domain."
},
"endpointTrait" : null,
"exceptions" : [ {
"exceptionName" : "BaseException",
"documentation" : "An error occurred while processing the request."
}, {
"exceptionName" : "ResourceNotFoundException",
"documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400."
}, {
"exceptionName" : "ValidationException",
"documentation" : "An exception for missing / invalid input fields. Gives http status code of 400."
}, {
"exceptionName" : "InternalException",
"documentation" : "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500."
}],
"hasBlobMemberAsPayload" : false,
"input" : {
"variableDeclarationType" : "ListTagsRequest",
"variableName" : "listTagsRequest",
"variableType" : "ListTagsRequest",
"documentation" : "Container for the parameters to the ListTags operation. Specify the ARN for the Elasticsearch domain to which the tags are attached that you want to view are attached."
},
"simpleType" : "ListTagsRequest"
"variableSetterType" : "ListTagsRequest",
},
"methodName" : "listTags",
"operationName" : "ListTags",
"paginated" : false,
"returnType" : {
"returnType" : "ListTagsResponse",
"documentation" : "<p>The result of a <code>ListTags</code> operation. Contains tags for all requested Elasticsearch domains.</p>",
"syncReturnType" : "ListTagsResponse"
},
"PurchaseReservedElasticsearchInstanceOffering" : {
"authenticated" : true,
"deprecated" : false,
"documentation" : "<p>Allows you to purchase reserved Elasticsearch instances.</p>",
"endpointTrait" : null,
"exceptions" : [
"exceptionName" : "ResourceNotFoundException",
"documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 409.</p>",
"httpStatusCode" : 409
],
"hasBlobMemberAsPayload" : false,
"input": {
  "variableDeclarationType": "PurchaseReservedElasticsearchInstanceOfferingRequest",
  "variableName": "purchaseReservedElasticsearchInstanceOfferingRequest",
  "variableType": "PurchaseReservedElasticsearchInstanceOfferingRequest",
  "documentation": "Container for parameters to <code>PurchaseReservedElasticsearchInstanceOffering</code> operation.",
  "methodName": "purchaseReservedElasticsearchInstanceOffering",
  "operationName": "PurchaseReservedElasticsearchInstanceOffering",
  "paginated": false,
  "returnType": {
    "returnType": "PurchaseReservedElasticsearchInstanceOfferingResponse",
    "documentation": "Represents the output of a <code>PurchaseReservedElasticsearchInstanceOffering</code> operation.",
    "syncReturnType": "PurchaseReservedElasticsearchInstanceOfferingResponse"
  },
  "RemoveTags": {
    "authenticated": true,
    "deprecated": false,
    "documentation": "Removes the specified set of tags from the specified Elasticsearch domain.",
    "endpointTrait": null,
    "exceptions": [
      {
        "exceptionName": "BaseException",
        "documentation": "An error occurred while processing the request.",
        "httpStatusCode": null
      },
      {
        "exceptionName": "ValidationException",
        "documentation": "An exception for missing / invalid input fields. Gives http status code of 400.",
        "httpStatusCode": 400
      },
      {
        "exceptionName": "InternalException",
        "documentation": "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.",
        "httpStatusCode": 500
      }
    ],
    "hasBlobMemberAsPayload": false,
    "input": {
      "variableDeclarationType": "RemoveTagsRequest",
      "variableName": "removeTagsRequest",
      "variableType": "RemoveTagsRequest",
      "documentation": "Container for parameters to the <code>RemoveTags</code> operation. Specify the <code>ARN</code> for the Elasticsearch domain from which you want to remove the specified <code>TagKey</code>.",
      "simpleType": "RemoveTagsRequest",
      "variableSetterType": "RemoveTagsRequest"
    }
  }
}
"methodName" : "removeTags",
"operationName" : "RemoveTags",
"paginated" : false,
"returnType" : {
  "returnType" : "RemoveTagsResponse",
  "documentation" : null
},
"syncReturnType" : "RemoveTagsResponse"
},
"StartElasticsearchServiceSoftwareUpdate" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "Schedules a service software update for an Amazon ES domain.<p>Schedules a service software update for an Amazon ES domain.</p>",
  "endpointTrait" : null,
  "exceptions" : [ {
    "exceptionName" : "BaseException",
    "documentation" : "An error occurred while processing the request.<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
  },
  { "exceptionName" : "InternalException",
    "documentation" : "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.<p>The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.</p>",
    "httpStatusCode" : 500
  },
  { "exceptionName" : "ResourceNotFoundException",
    "documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>"
    "httpStatusCode" : 409
  },
  { "exceptionName" : "ValidationException",
    "documentation" : "An exception for missing / invalid input fields. Gives http status code of 400.<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>"
    "httpStatusCode" : 400
  } ],
  "hasBlobMemberAsPayload" : false,
  "input" : {
    "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateRequest",
    "variableName" : "startElasticsearchServiceSoftwareUpdateRequest",
    "variableType" : "StartElasticsearchServiceSoftwareUpdateRequest",
    "documentation" : "Container for the parameters to the operation. Specifies the name of the Elasticsearch domain that you wish to schedule a service software update on.<p>Container for the parameters to the operation. Specifies the name of the Elasticsearch domain that you wish to schedule a service software update on.</p>"
    "simpleType" : "StartElasticsearchServiceSoftwareUpdateRequest",
    "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateRequest"
  },
  "methodName" : "startElasticsearchServiceSoftwareUpdate",
  "operationName" : "StartElasticsearchServiceSoftwareUpdate",
  "paginated" : false,
"returnType" : { 
  "returnType" : "StartElasticsearchServiceSoftwareUpdateResponse",
  "documentation" : "<p>The result of a <code>StartElasticsearchServiceSoftwareUpdate</code> operation.
Contains the status of the update.</p>"
},
"syncReturnType" : "StartElasticsearchServiceSoftwareUpdateResponse"
},
"UpdateElasticsearchDomainConfig" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "<p>Modifies the cluster configuration of the specified Elasticsearch domain, setting as
setting the instance type and the number of instances.</p>",
  "endpointTrait" : null,
  "exceptions" : [ { 
    "exceptionName" : "BaseException",
    "documentation" : "<p>An error occurred while processing the request.</p>",
    "httpStatusCode" : null
  },
    "exceptionName" : "InternalException",
    "documentation" : "<p>The request processing has failed because of an unknown error, exception or failure (the
failure is internal to the service). Gives http status code of 500.</p>"
  },
  "httpStatusCode" : 500
},
  "exceptionName" : "InvalidTypeException",
  "documentation" : "<p>An exception for trying to create or access sub-resource that is either invalid or not
supported. Gives http status code of 409.</p>
  "httpStatusCode" : 409
},
  "exceptionName" : "LimitExceededException",
  "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives
http status code of 409.</p>"
  "httpStatusCode" : 409
},
  "exceptionName" : "ResourceNotFoundException",
  "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status
code of 400.</p>
  "httpStatusCode" : 409
},
  "exceptionName" : "ValidationException",
  "documentation" : "<p>An exception for missing / invalid input fields. Gives http status code of 400.</p>
  "httpStatusCode" : 400
} ],
hasBlobMemberAsPayload" : false,
"input" : {
  "variableDeclarationType" : "UpdateElasticsearchDomainConfigRequest",
  "variableName" : "updateElasticsearchDomainConfigRequest",
  "variableType" : "UpdateElasticsearchDomainConfigRequest",
  "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code>
operation. Specifies the type and number of instances in the domain cluster.</p>

"simpleType" : "UpdateElasticsearchDomainConfigRequest",
"variableSetterType" : "UpdateElasticsearchDomainConfigRequest"
],
"methodName" : "updateElasticsearchDomainConfig",
"operationName" : "UpdateElasticsearchDomainConfig",
"paginated" : false,
"returnType" : {
  "returnType" : "UpdateElasticsearchDomainConfigResponse",
  "documentation" : "The result of an <code>UpdateElasticsearchDomain</code> request. Contains the status of the Elasticsearch domain being updated."",
  "syncReturnType" : "UpdateElasticsearchDomainConfigResponse"
},
"UpgradeElasticsearchDomain" : {
  "authenticated" : true,
  "deprecated" : false,
  "documentation" : "Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible Elasticsearch version."",
  "endpointTrait" : null,
  "exceptions" : [
    {"exceptionName" : "BaseException",
     "documentation" : "An error occurred while processing the request."",
     "httpStatusCode" : null
    },
    {"exceptionName" : "ResourceNotFoundException",
     "documentation" : "An exception for accessing or deleting a resource that does not exist. Gives http status code of 400."",
     "httpStatusCode" : 409
    },
    {"exceptionName" : "ResourceAlreadyExistsException",
     "documentation" : "An exception for creating a resource that already exists. Gives http status code of 400."",
     "httpStatusCode" : 409
    },
    {"exceptionName" : "DisabledOperationException",
     "documentation" : "An error occurred because the client wanted to access a not supported operation. Gives http status code of 409."",
     "httpStatusCode" : 409
    },
    {"exceptionName" : "ValidationException",
     "documentation" : "An exception for missing / invalid input fields. Gives http status code of 400."",
     "httpStatusCode" : 400
    },
    {"exceptionName" : "InternalException",
     "documentation" : "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500."",
     "httpStatusCode" : 500
    }
  ]
}
"hasBlobMemberAsPayload" : false,
"input" : {
    "variableDeclarationType" : "UpgradeElasticsearchDomainRequest",
    "variableName" : "upgradeElasticsearchDomainRequest",
    "variableType" : "UpgradeElasticsearchDomainRequest",
    "documentation" : "<p> Container for request parameters to <code> <a>UpgradeElasticsearchDomain</a> </code> operation. </p>",
    "simpleType" : "UpgradeElasticsearchDomainRequest",
    "variableSetterType" : "UpgradeElasticsearchDomainRequest"
},
"methodName" : "upgradeElasticsearchDomain",
"operationName" : "UpgradeElasticsearchDomain",
"paginated" : false,
"returnType" : {
    "returnType" : "UpgradeElasticsearchDomainResponse",
    "documentation" : "<p> Container for response returned by <code> <a>UpgradeElasticsearchDomain</a> </code> operation. </p>"
},
"syncReturnType" : "UpgradeElasticsearchDomainResponse"
}

"shapes" : {
    "AccessPoliciesStatus" : {
        "c2jName" : "AccessPoliciesStatus",
        "customization" : {
            "artificialResultWrapper" : null,
            "skipGeneratingMarshaller" : false,
            "skipGeneratingModelClass" : false,
            "skipGeneratingUnmarshaller" : false,
            "staxTargetDepthOffset" : 0
        },
        "deprecated" : false,
        "documentation" : "<p>The configured access rules for the domain's document and search endpoints, and the current status of those rules.</p>",
        "enums" : null,
        "errorCode" : null,
        "event" : false,
        "eventStream" : false,
        "explicitEventPayloadMember" : null,
        "hasHeaderMember" : false,
        "hasPayloadMember" : false,
        "hasStatusCodeMember" : false,
        "hasStreamingMember" : false,
        "httpStatusCode" : null,
        "marshaller" : null,
        "members" : [ {
            "beanStyleGetterMethodName" : "getOptions",
            "customization" : {
                "artificialResultWrapper" : null,
                "skipGeneratingMarshaller" : false,
                "skipGeneratingModelClass" : false,
                "skipGeneratingUnmarshaller" : false,
                "staxTargetDepthOffset" : 0
            }
        }
    ]
}
The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.

When the `@link String#builder()` completes, the `@link String.Builder#build()` is called immediately and its result is passed to `@link #options(String)`.

**Returns**

A reference to this object so that method calls can be chained together.

```java
public PolicyDocument withOptions(String options)
```

**Type**

`null`

**Event Header**

`false`

**Event Payload**

`false`

**FLAT**

`false`

**HTTP**

`false`

**Additional Marshalling Path**

`null`

**Additional Unmarshalling Path**

`null`
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",
@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank"> Configuring Access Policies</a> for more information.
", "setterMethodName" : "setOptions",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "options",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "options",
"variableType" : "String",
"}.
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>
@param status The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. ".",
"setterMethodName" : "setStatus",
"setterModel" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : null,
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "OptionStatus",
 "variableName" : "status",
 "variableType" : "OptionStatus",
 "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>",
 "simpleType" : "OptionStatus",
 "variableSetterType" : "OptionStatus"
},
"fieldNameSpaceUri" : null
},
"membersAsMap" : {
 "Options" : {
 "beanStyleGetterMethodName" : "getOptions",
 "beanStyleSetterMethodName" : "setOptions",
 "c2jName" : "Options",
 "c2jShape" : "PolicyDocument",
 "defaultConsumerFluentSetterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href='http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-"}
The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.

```java
enumType = null,
"eventHeader" = false,
"eventPayload" = false,
"fluentEnumGetterMethodName" = null,
"fluentEnumSetterMethodName" = null,
"fluentGetterMethodName" = "options",
"fluentSetterDocumentation" = "The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.

```

```java
public String options(String options) {
    // Implementation...
    return this;
}
```

The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.
"marshallLocationName": "Options",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Options",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Options",
"setterDocumentation": "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank">Configuring Access Policies</a> for more information.</p>
@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank">Configuring Access Policies</a> for more information.",
"setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "options",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "options",
  "variableType": "String",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"Status": {
"marshallLocationName": "Options",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Options",
"uri": false
}
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. This is a convenience that creates an instance of the <code>@link OptionStatus.Builder</code> avoiding the need to create one manually via <code>@link OptionStatus#builder()</code>. When the <code>@link Consumer</code> completes, <code>@link OptionStatus.Builder#build()</code> is called immediately and its result is passed to <code>@link #status(OptionStatus)</code>. Return a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. 

@enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. 

@fluentSetterMethodName" : "status",
"getterDocumentation" : "The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. 

@GetterMethod" : {
    "returnType" : "OptionStatus",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
}
The status of the access policy for the Elasticsearch domain. See
for the status information that's included. @param status The status of the access policy for the Elasticsearch domain. See
for the status information that's included."

The status of the access policy for the Elasticsearch domain. See
for the status information that's included."

The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See Configuring Access Policies for more information. This is a convenience that creates an instance of the {} avoiding the need to create one manually via {}. When the {} completes, {} is called immediately and its result is passed to {} a consumer that will call methods on {}. return a reference to this object so that
method calls can be chained together.

```java
@see #options(String)"
```

"dePRECATED" : false,

@param options The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank"> Configuring Access Policies</a> for more information.
@return Returns a reference to this object so that method calls can be chained together.
```


@fluentEnum GetterMethodName" : "options",
"fluentEnum SetterMethodName" : null,
"fluentEnum GetterMethodName" : "options",

```

"getterDocumentation" : "<p>The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank"> Configuring Access Policies</a> for more information.</p>\n
@return The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies" target="_blank"> Configuring Access Policies</a> for more information.
```

"getter Model" : {
  "returnType" : "String",
  "documentation" : null
}

"http" : {
  "additional MarshallingPath" : null,
  "additional UnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshall Location" : "PAYLOAD",
  "marshall Location Name" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshall Location Name" : "Options",
  "uri" : false
The access policy configured for the Elasticsearch domain. Access policies may be resource-based, IP-based, or IAM-based. See [Configuring Access Policies](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-access-policies) for more information.

This is a convenience that...
creates an instance of the `@link OptionStatus.Builder` avoiding the need to create one manually via `@link OptionStatus.Builder#builder()`.

When the `@link Consumer` completes, `@link OptionStatus.Builder#build()` is called immediately and its result is passed to `@link status(OptionStatus)`.

@see #status(OptionStatus)

```
@link OptionStatus.Builder
```

@see #status(OptionStatus)

```
@link OptionStatus
```

<p>The status of the access policy for the Elasticsearch domain. See</p>

```
OptionStatus
```

for the status information that's included.

```
enumType
```

```
eventHeader
```

```
eventPayload
```

```
fluentEnumGetterMethodName
```

```
fluentEnumSetterMethodName
```

```
fluentGetterMethodName
```

```
fluentSetterMethodName
```

```
getterDocumentation
```

```
getterModel
```

```
http
```

```
additionalMarshallingPath
```

```
additionalUnmarshallingPath
```

```
flattened
```

```
greedy
```

```
header
```

```
isPayload
```

```
isStreaming
```

```
location
```

```
marshallLocation
```

```
marshallLocationName
```

```
queryString
```

```
statusCode
```

```
unmarshallLocationName
```

```
uri
```

```
idempotencyToken
```

```
isBinary
```

```
jsonValue
```

```
list
```

```
listModel
```

```
map
```

```

"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>@param status The status of the access policy for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>The status of the access policy for the Elasticsearch domain. See
<code>OptionStatus</code> for the status information that's included. </p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "AccessPoliciesStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPoliciesStatus",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : null,
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"wrapper" : false
},
"AddTagsRequest" : {


"c2jName" : "AddTagsRequest",
"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Container for the parameters to the <code>AddTags</code> operation. Specify the tags that you want to attach to the Elasticsearch domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "AddTags",
  "locationName" : null,
  "requestUri" : "/2015-01-01/tags",
  "target" : null,
  "verb" : "POST",
  "xmlNameSpaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String.Builder\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder\#build()\} is called immediately and its result is passed to \{@link String.Builder\#build()\}.\n\n@see #arn
\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #arn\n" defines parameter names and types. This can be used to generate Java code with the correct types.\n
"deprecated" : false,
"documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>","enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn"}
"fluentSetterDocumentation": "<p> Specify the <code>ARN</code> for which you want to add the tags. </p>
@param arn Specify the <code>ARN</code> for which you want to add the tags.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "arn",
"getterDocumentation": "<p> Specify the <code>ARN</code> for which you want to add the tags. </p>
@return Specify the <code>ARN</code> for which you want to add the tags.,
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ARN",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ARN",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ARN",
"setterDocumentation": "<p> Specify the <code>ARN</code> for which you want to add the tags. </p>
@param arn Specify the <code>ARN</code> for which you want to add the tags.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setArn",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "arn",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "arn",
    "variableType" : "String",
    "documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags. </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getTagList",
"beanStyleSetterMethodName" : "setTagList",
"c2jName" : "TagList",
"c2jShape" : "TagList",
"defaultValueSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>
This is a convenience that creates an instance of the {@link List<Tag>.Builder} avoiding the need to create one manually via {@link List<Tag>#builder()}. When the {@link Consumer} completes, {@link List<Tag>.Builder#build()} is called immediately and its result is passed to {@link #tagList(List<Tag>)}. Returns a reference to this object so that method calls can be chained together.";

deprecated" : false,
"documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>
@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return List of <code>Tag</code> that need to be added for the Elasticsearch domain.",
"getterModel" : {
    "returnType" : "java.util.List<Tag>",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagList",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [Tag.Builder] avoiding the need to create one manually via [Tag.builder()]. When the [Consumer] completes, [Tag.Builder.build()] is called immediately and its result is passed to [member(Tag)].

@see #member(Tag)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object."
@see #member(Tag)",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object."
@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "Tag",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "Tag",
  "variableName": "member",
  "variableType": "Tag",
  "documentation": null,
  "simpleType": "Tag",
  "variableSetterType": "Tag"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Tag",
  "variableName": "member",
  "variableType": "Tag",
  "documentation": "",
  "simpleType": "Tag",
  "variableSetterType": "Tag"
},
"xmlnsSpaceUri": null
},
"memberLocationName": null,
"memberType": "Tag",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p>List of &lt;code&gt;Tag&lt;/code&gt; that need to be added for the Elasticsearch domain.
</p>\n\n@\param tagList List of &lt;code&gt;Tag&lt;/code&gt; that need to be added for the Elasticsearch domain."
,"setterMethodName" : "setTagList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : null,
  "simpleType" : "List&lt;Tag&gt;",
  "variableSetterType" : "java.util.Collection&lt;Tag&gt;"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : <p>List of &lt;code&gt;Tag&lt;/code&gt; that need to be added for the Elasticsearch domain. </p>
, 
  "simpleType" : "List&lt;Tag&gt;",
  "variableSetterType" : "java.util.Collection&lt;Tag&gt;"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "ARN" : {
    "beanStyleGetterMethodName" : "getArn",
    "beanStyleSetterMethodName" : "setArn",
    "c2jName" : "ARN",
    "c2jShape" : "ARN",
    "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Specify the &lt;code&gt;ARN&lt;/code&gt; for which you want to add the tags.&lt;/p&gt;&lt;p&gt;This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #arn(String)].\n\n@\param arn a consumer that will call methods on [@link String.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #arn(String)"
, 
    "deprecated" : false,
    "documentation" : "&lt;p&gt;Specify the &lt;code&gt;ARN&lt;/code&gt; for which you want to add the tags.&lt;/p&gt;",
    "enumType" : null,
  }
}
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "Specify the <code>ARN</code> for which you want to add the tags.
@param arn Specify the <code>ARN</code> for which you want to add the tags.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "Specify the <code>ARN</code> for which you want to add the tags.
@return Specify the <code>ARN</code> for which you want to add the tags.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "Specify the <code>ARN</code> for which you want to add the tags.
@param arn Specify the <code>ARN</code> for which you want to add the tags.
@return Specify the <code>ARN</code> for which you want to add the tags.",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "arn",
"variableType" : "String",
"documentation" : "<p> Specify the <code>ARN</code> for which you want to add the tags.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"TagList" : {
"beanStyleGetterMethodName" : "getTagList",
"beanStyleSetterMethodName" : "setTagList",
"c2jName" : "TagList",
"c2jShape" : "TagList",
"defaultConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>\n\nThis is a convenience that creates an instance of the { @link List<Tag>.Builder} avoiding the need to create one manually via { @link List<Tag>#builder()}.\n\nWhen the { @link Consumer} completes, { @link List<Tag>.Builder#build()} is called immediately and its result is passed to { @link #tagList(List<Tag>)}.\n\n@see #tagList(List<Tag>)",
"deprecated" : false,
"documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>
\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@see #tagList(List<Tag>)",
"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. </p>\n\n@see #tagList(List<Tag>)",
"getterModel" : {
"returnType" : "java.util.List<Tag>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagList",
"uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {  
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {  
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "Tag",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the [Tag.Builder] avoiding the need to create one manually via [Tag.builder()].
When the [Consumer] completes, [Tag.Builder#build()] is called immediately and its result is passed to [Tag.Builder#member(Tag)].
The new value for the Member property for this object.
@returns a reference to this object so that method calls can be chained together.
@see #member(Tag)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.
@returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.
@returns The value of the Member property for this object.",
"getterModel" : {  
"returnType" : "Tag"},
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\",
"setterMethodName": "setMember",
"setterModel": {
"variableDeclarationType": "Tag",
"variableName": "member",
"variableType": "Tag",
"documentation": null,
"simpleType": "Tag",
"variableSetterType": "Tag"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "Tag",
"variableName": "member",
"variableType": "Tag",
"documentation": "",
"simpleType": "Tag",
"variableSetterType": "Tag"
}
"xmlNameSpaceUri" : null
],
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
],
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "List of <code>Tag</code> that need to be added for the Elasticsearch domain.
@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain."
,"setterMethodName" : "setTagList",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : null,
 "simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<Tag>",
 "variableName" : "tagList",
 "variableType" : "java.util.List<Tag>",
 "documentation" : "List of <code>Tag</code> that need to be added for the Elasticsearch domain."
,"simpleType" : "List<Tag>",
 "variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [ {
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",
 "defaultConsumerFluentSetterDocumentation" : "Specify the <code>ARN</code> for which you want to add the tags.
This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to
create one manually via `{@link String#builder()}.\n\nWhen the `{@link Consumer}` completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #arn(String)}`.\n\n@param arn a consumer that will call methods on `{@link String.Builder}` \n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #arn(String)",
"deprecated" : false,
"documentation" : "&lt;p&gt; Specify the &lt;code&gt;ARN&lt;/code&gt; for which you want to add the tags.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "&lt;p&gt; Specify the &lt;code&gt;ARN&lt;/code&gt; for which you want to add the tags.&lt;/p&gt;\n\n@param arn Specify the &lt;code&gt;ARN&lt;/code&gt; for which you want to add the tags.\n\n@return Returns a reference to this object so that method calls can be chained together."
,"fluentSetterMethodName" : "arn",
"getterDocumentation" : "&lt;p&gt; Specify the &lt;code&gt;ARN&lt;/code&gt; for which you want to add the tags.&lt;/p&gt;\n\n@return Specify the &lt;code&gt;ARN&lt;/code&gt; for which you want to add the tags.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "&lt;p&gt; Specify the &lt;code&gt;ARN&lt;/code&gt; for which you want to add the
tags.</p>
@param arn Specify the <code>ARN</code> for which you want to add the tags.

setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getTagList",
  "beanStyleSetterMethodName" : "setTagList",
  "c2jName" : "TagList",
  "c2jShape" : "TagList",
  "defaultValueConsumerFluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. This is a convenience that creates an instance of the \{@link List<Tag>.Builder\} avoiding the need to create one manually via \{@link List<Tag>#builder()\}. When the \{@link Consumer\} completes, \{@link List<Tag>.Builder#build()\} is called immediately and its result is passed to \{@link List<Tag>.Builder\}. @return Returns a reference to this object so that method calls can be chained together.\@see #tagList(List<Tag>)\",
  "dePRECATED" : false,
  "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. \</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "tagList",
  "fluentSetterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. \</p>\@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.\@return Returns a reference to this object so that method calls can be chained together.\"",
  "fluentSetterMethodName" : "tagList",
  "getterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. \</p>\@param tagList List of <code>Tag</code> that need to be added for the Elasticsearch domain.\@return Returns a reference to this object so that method calls can be chained together.\"",
  "getters" : null,
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "tagList",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
}
"getterModel" : {
    "returnType" :  "java.util.List<Tag>",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "TagList",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "TagList",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
        "beanStyleSetterMethodName" : "setMember",
        "c2jName" : "member",
        "c2jShape" : "Tag",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object. This is a convenience that creates an instance of the [@link Tag.Builder] avoiding the need to create one manually via
[@link Tag#builder()]. When the [@link Consumer] completes, [@link Tag.Builder#build()] is called immediately and its result is passed to
[@link #member(Tag)].

@see #member(Tag)",

"deprecated" : false,

"documentation" : "",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "member",

"fluentSetterDocumentation" : "Sets the value of the Member property for this object."

@see #member(Tag)

The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@see #member(Tag)",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "member",

"fluentSetterDocumentation" : "Sets the value of the Member property for this object."

@see #member(Tag)

The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@see #member(Tag)"
calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of
the Member property for this object.",
"getterModel" : {
  "returnType" : "Tag",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n@param member The new
value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag"}
"variableName" : "member",
"variableType" : "Tag",
"documentation" : "",
"simpleType" : "Tag",
"variableSetterType" : "Tag"
},
"xmlNameSpaceUri" : null
",
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>
",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. 

</p>

@Param <var> tagList </var> List of <code>Tag</code> that need to be added for the Elasticsearch domain. 

"setterMethodName" : "setTagList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : null,
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : "<p> List of <code>Tag</code> that need to be added for the Elasticsearch domain. 

</p>

"simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ARN", "TagList"]
"shapeName" : "AddTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "AddTagsRequest",
  "variableName" : "addTagsRequest",
  "variableType" : "AddTagsRequest",
  "documentation" : null,
  "simpleType" : "AddTagsRequest",
  "variableSetterType" : "AddTagsRequest"
},
"wrapper" : false
},
"AddTagsResponse" : {
  "c2jName" : "AddTagsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : null,
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "AddTagsResponse",
  "simpleMethod" : false,
  "unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
  },
  "variable" : { }
"variableDeclarationType" : "AddTagsResponse",
"variableName" : "addTagsResponse",
"variableType" : "AddTagsResponse",
"documentation" : null,
"simpleType" : "AddTagsResponse",
"variableSetterType" : "AddTagsResponse"
},
"wrapper" : false
},
"AdditionalLimit" : {
"c2jName" : "AdditionalLimit",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "List of limits that are specific to a given InstanceType and for each of it's <code>&lt;a&gt;InstanceRole&lt;/a&gt;</code>s. <br/>&lt;/p&gt;",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStreamingMember" : false,
"hasStatusCodeMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [
"
"beanStyleGetterMethodName" : "getLimitName",
"beanStyleSetterMethodName" : "setLimitName",
"c2jName" : "LimitName",
"c2jShape" : "LimitName",
"defaultConsumerFluentSetterDocumentation" : "Name of Additional Limit is specific to a given
InstanceType and for each of it's <code>&lt;a&gt;InstanceRole&lt;/a&gt;</code>s. Attributes and their details: <br/>
<ul>
<li>MaximumNumberOfDataNodesSupported</li>
This attribute will be present in Master node only to specify how much data nodes up to which given <code>&lt;a&gt;ESP</code> can support as master node. <br/>
</ul>
This attribute will be present in Data node only to specify how much data nodes of given <code>&lt;a&gt;ESPInstanceType&lt;/a&gt;</code> up to which you don't need any master nodes to govern them. <br/>

This is a convenience that creates an instance of the
{ @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. <br/>
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link
#limitName(String)}.

\n\n@see #limitName(String)"
Name of Additional Limit is specific to a given InstanceType and for each of it's InstanceRole etc. Attributes and their details:

- MaximumNumberOfDataNodesSupported: This attribute will be present in Master node only to specify how much data nodes up to which given ESPartitionInstanceType can support as master node.
- MaximumNumberOfDataNodesWithoutMasterNode: This attribute will be present in Data node only to specify how much data nodes of given ESPartitionInstanceType up to which you don't need any master nodes to govern them.

- MaximumNumberOfDataNodesSupported: This attribute will be present in Master node only to specify how much data nodes up to which given ESPartitionInstanceType can support as master node.
- MaximumNumberOfDataNodesWithoutMasterNode: This attribute will be present in Data node only to specify how much data nodes of given ESPartitionInstanceType up to which you don't need any master nodes to govern them.

- MaximumNumberOfDataNodesSupported: This attribute will be present in Master node only to specify how much data nodes up to which given ESPartitionInstanceType can support as master node.
- MaximumNumberOfDataNodesWithoutMasterNode: This attribute will be present in Data node only to specify how much data nodes of given ESPartitionInstanceType up to which you don't need any master nodes to govern them.

- MaximumNumberOfDataNodesSupported: This attribute will be present in Master node only to specify how much data nodes up to which given ESPartitionInstanceType can support as master node.
- MaximumNumberOfDataNodesWithoutMasterNode: This attribute will be present in Data node only to specify how much data nodes of given ESPartitionInstanceType up to which you don't need any master nodes to govern them.

- MaximumNumberOfDataNodesSupported: This attribute will be present in Master node only to specify how much data nodes up to which given ESPartitionInstanceType can support as master node.
- MaximumNumberOfDataNodesWithoutMasterNode: This attribute will be present in Data node only to specify how much data nodes of given ESPartitionInstanceType up to which you don't need any master nodes to govern them.
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "limitName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "limitName",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "limitName",
"setterDocumentation" : "<p>Name of Additional Limit is specific to a given InstanceType and for each of it's <code>InstanceRole</code> etc. <br/> Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code>ESPartitionInstanceType</code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code>ESPartitionInstanceType</code> upto which you don't need any master nodes to govern them. </ul>
@param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's <code>InstanceRole</code> etc. Attributes and their details: <br/> <ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code>ESPartitionInstanceType</code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code>ESPartitionInstanceType</code> upto which you don't need any master nodes to govern them. </ul>
"setterMethodName" : "setLimitName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "limitName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
}
**Documentation**

The Name of Additional Limit is specific to a given `InstanceType` and for each of it's `InstanceRole` attributes and their details.

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes up to which given `InstanceType` can support as master node.

- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given `InstanceType` you don't need any master nodes to govern them.

**Java Bean Style**

- `variableDeclarationType` : "String"
- `variableName` : "limitName"
- `variableType` : "String"
- `documentation` : "Name of Additional Limit is specific to a given `InstanceType` and for each of it's `InstanceRole` attributes and their details."
- `simpleType` : "String"
- `variableSetterType` : "String"

**Java Fluent Style**

- `getLimitValues` method returns a reference to this object so that method calls can be chained together.
- `setLimitValues` method attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

**Java Builder Style**

- A `List<String>` is a convenience that creates an instance of the `List<String>.Builder` avoiding the need to create one manually via `List<String>#builder()`. When the `List<String>.Builder#build()` is called immediately and its result is passed to `List<String>.Builder#build()`.

```
@see #limitValues(List<String>)
```

- `deprecated` : false
- `enumType` : null
- `eventHeader` : false
- `eventPayload` : false
- `fluentEnumGetterMethodName` : null
- `fluentEnumSetterMethodName` : null
- `getterModel` : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
}
- `http` : {
  "additionalMarshallingPath" : null
}

```
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```
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitValues",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitValues",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "LimitValue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}.

@see #member(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object. Returns a reference to this object so that method calls can be chained together. @see #member(String)",
  "getterDocumentation" : "Returns the value of the Member property for this object. The value of the Member property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "fluentSetterMethodName" : "member",
    "fluentSetterMethodParameterName" : null,
    "fluentSetterMethodParameterType" : null,
    "getterDocumentation" : "Returns the value of the Member property for this object."
  }}}}
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
  
  "setterMethodName" : "setMember",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : "p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
}
},

"membersAsMap" : {
"LimitName" : {
  "beanStyleGetterMethodName" : "getLimitName",
  "beanStyleSetterMethodName" : "setLimitName",
  "c2jName" : "LimitName",
  "c2jShape" : "LimitName",
  "defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. <br/> Attributes and their details: <br/> <ul> <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to

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specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node which you don't need any master nodes to govern them. `<ul>`

This is a convenience that creates an instance of the `[@link String.Builder]` avoiding the need to create one manually via `[@link String#builder()]`. When the `[@link Consumer]` completes, `[@link String.Builder#build()]` is called immediately and its result is passed to `[@link #limitName(String)]`. `\n`@param limitName a consumer that will call methods on `[@link String.Builder]`\n`@return Returns a reference to this object so that method calls can be chained together;`\n`\n`@see #limitName(String)`","deprecated" : false,
"documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`<li>`maximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` upto which you don't need any master nodes to govern them. `<ul>`

Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`<li>`maximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` upto which you don't need any master nodes to govern them. `<ul>`

Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`<li>`maximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` upto which you don't need any master nodes to govern them. `<ul>`

Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`<li>`maximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` upto which you don't need any master nodes to govern them. `<ul>`

Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`<li>`maximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` upto which you don't need any master nodes to govern them. `<ul>`

Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`<li>`maximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` upto which you don't need any master nodes to govern them. `<ul>`

Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`<li>`maximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` upto which you don't need any master nodes to govern them. `<ul>`

Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`<li>`maximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` upto which you don't need any master nodes to govern them. `<ul>`

Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`<li>`maximumNumberOfDataNodesSupported` This attribute will be present in Master node only to specify how much data nodes upto which given `<code>` <a>ESPartitionInstanceType</a>` </code>` can support as master node. `<li>`maximumNumberOfDataNodesWithoutMasterNode` This attribute will be present in Data node only to specify how much data nodes of given `<code>` <a>ESPartitionInstanceType</a>` </code>` upto which you don't need any master nodes to govern them. `<ul>`

Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` <a>InstanceRole</a>` </code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`
node only to specify how much data nodes of given `<code>` `<a>ESPartitionInstanceType</a>` `<code>` upto which you don't need any master nodes to govern them. `<ul>`

"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "LimitName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "LimitName",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"setterDocumentation" : "\n@param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's `<code>` `<a>InstanceRole</a>` `<code>` etc. `<br>` Attributes and their details: `<br>` `<ul>`

- `MaximumNumberOfDataNodesSupported`
- `MaximumNumberOfDataNodesWithoutMasterNode`

This attribute will be present in Master node only to specify how much data nodes of given `<code>` `<a>ESPartitionInstanceType</a>` `<code>` can support as master node. `<li>`

This attribute will be present in Data node only to specify how much data nodes of given `<code>` `<a>ESPartitionInstanceType</a>` `<code>` upto which you don't need any master nodes to govern them. `<ul>`

"setterMethodName" : "setLimitName",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "limitName",
}
Attributes and their details:

- **MaximumNumberOfDataNodesSupported**
  - This attribute will be present in Master node only to specify how much data nodes up to which given ESPartitionInstanceType can support as master node.
- **MaximumNumberOfDataNodesWithoutMasterNode**
  - This attribute will be present in Data node only to specify how much data nodes of given ESPartitionInstanceType up to which you don't need any master nodes to govern them.

```java
public class AdditionalLimit{
  public String getLimitName()
  public void setLimitName(String value)
  
  public LimitValues getLimitValues()
  public void setLimitValues(LimitValues limitValues)
}
```

- **LimitValues**
  - Value for given AdditionalLimit$LimitName.
  - This is a convenience that creates an instance of the List<String>.Builder avoiding the need to create one manually via List<String>#builder().
  - When the Consumer completes, List<String>.Builder#build() is called immediately and its result is passed to #limitValues(List<String>).

```java
public class LimitValues{
  public void accept(Consumer<List<String>> consumer)
}
```

- **AdditionalLimit$LimitName**
  - Value for given AdditionalLimit$LimitName.

```java
import java.util.List;
public interface Consumer<List<String>>
```
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Value for given code AdditionalLimit$LimitName.

getDefaultConsumerFluentSetterDocumentation:

This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String#builder(). When the Consumer completes, String.Builder#build() is called immediately and its result is passed to #member(String).

@see #member(String)
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@ Hammond The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@ Hammond The new value for the Member property for this object.

@param member

@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"}
],
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "LimitValues",
"setterDocumentation": "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .
@param limitValues Value for given <code> <a>AdditionalLimit$LimitName</a> </code> .",
"setterMethodName": "setLimitValues",
"setterModel": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "limitValues",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "limitValues",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
},
"xmlNameSpaceUri": null
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getLimitName",
  "beanStyleSetterMethodName" : "setLimitName",
  "c2jName" : "LimitName",
  "c2jShape" : "LimitName",
  "defaultConsumerFluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. Attributes and their details: <br/> <ul>
  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <br/> <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>

This is a convenience that creates an instance of the <code>String.Builder</code> avoiding the need to create one manually via <code>@link String#builder()</code>. When the <code>@link Consumer</code> completes, <code>@link String.Builder#build()</code> is called immediately and its result is passed to <code>@link #limitName(String)</code>.<br/>

"deprecated" : false,
  "documentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. Attributes and their details: <br/> <ul>
  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <br/> <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>

"enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "limitName",
  "fluentSetterMethodName" : "limitName",
  "fluentSetterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. Attributes and their details: <br/> <ul>
  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <br/> <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>

@link String.Builder#build() is called immediately and its result is passed to <code>@link #limitName(String)</code>.<br/>

"getterDocumentation" : "<p> Name of Additional Limit is specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> etc. Attributes and their details: <br/> <ul>
  <li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes upto which given <code> <a>ESPartitionInstanceType</a> </code> can support as master node. <br/> <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes of given <code> <a>ESPartitionInstanceType</a> </code> upto which you don't need any master nodes to govern them. </ul>

"return" Returns a reference to this object so that method calls can be chained together.:".
}]

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MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes up to which given <code>&lt;a&gt;ESPartitionInstanceType&lt;/a&gt;</code> can support as master node. <li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes up to which given <code>&lt;a&gt;ESPartitionInstanceType&lt;/a&gt;</code> can support as master node.

Attributes and their details: 
<ul>
<li>MaximumNumberOfDataNodesSupported</li> This attribute will be present in Master node only to specify how much data nodes up to which given <code>&lt;a&gt;ESPartitionInstanceType&lt;/a&gt;</code> can support as master node. 
<li>MaximumNumberOfDataNodesWithoutMasterNode</li> This attribute will be present in Data node only to specify how much data nodes up to which you don't need any master nodes to govern them.

```
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "LimitName",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "LimitName",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"JsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "LimitName",
"setterDocumentation": "\n\nName of Additional Limit is specific to a given InstanceType and for each of it's <code>&lt;a&gt;InstanceRole&lt;/a&gt;</code> etc. Attributes and their details: 
</ul>

\n\n@param limitName Name of Additional Limit is specific to a given InstanceType and for each of it's <code>&lt;a&gt;InstanceRole&lt;/a&gt;</code> etc. Attributes and their details:
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "LimitValues",
"fluentSetterDocumentation" : "<p>Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code>.<br/>
@param limitValues Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code>.<br/>
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "LimitValues",
"getterDocumentation" : "<p>Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code>.<br/>
<p>
Attempts to modify the collection returned by this method will result in an<br/>
UnsupportedOperationException.
</p>
@return Value for given <code>&lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt;</code>.
",
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitValues",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitValues",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "LimitValue",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create<br/>
one manually via {@link String#builder()}.\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to<br/>
{@link #member(String)}\n@param member a consumer that will call methods on {@link String#build()}\n@return Returns a reference to this object so
that method calls can be chained together.

@see #member(String)"

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "&lt;p&gt; Value for given &lt;code&gt; &lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt; &lt;/code&gt; .
&lt;p&gt;&lt;@param limitValues Value for given &lt;code&gt; &lt;a&gt;AdditionalLimit$LimitName&lt;/a&gt; &lt;/code&gt; .&quot;
,"setterMethodName" : "setLimitValues",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "limitValues",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "member",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
"variableName" : "limitValues",
"variableType" : "java.util.List<String>",
"documentation" : "<p> Value for given <code> <a>AdditionalLimit$LimitName</a> </code>. </p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
}
],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "AdditionalLimit",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "AdditionalLimit",
  "variableName" : "additionalLimit",
  "variableType" : "AdditionalLimit",
  "documentation" : null,
  "simpleType" : "AdditionalLimit",
  "variableSetterType" : "AdditionalLimit"
},
"wrapper" : false
},
"AdvancedOptionsStatus" : {
  "c2jName" : "AdvancedOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Status of the advanced options for the specified Elasticsearch domain. Currently, the following advanced options are available:<ul><li>Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options">Configuration Advanced Options</a> for more information.</li><li>Option to specify the percentage of heap space that is allocated to field data. By default, this setting is unbounded.</li></ul>For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options">Configuring Advanced Options</a>. </p>"
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain. 
</p>
This is a convenience that creates an instance of the \{ @link
Map<String,String>.Builder \} avoiding the need to create one manually via \{ @link
Map<String,String>#builder() \}.
When the \{ @link Consumer \} completes, \{ @link
Map<String,String>.Builder#build() \} is called immediately and its result is passed to \{ @link
#options(Map<String,String>) \}.
@param options a consumer that will call methods on \{ @link
Map<String,String>.Builder\}.
@return Returns a reference to this object so that method calls can be chained
together. @see #options(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain. 
</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain. 
</p>"
@param options Specifies the status of advanced options for the specified Elasticsearch domain.
@returns Returns a reference to this object so that method calls can be chained together. 
"fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain. 
</p>"
@Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException. 
@returns Specifies the status of advanced options for the specified Elasticsearch domain. 
"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},
  "http" : { 
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "key",
    "uri" : false
  },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
"xmlNameSpaceUri" : null
"ValueLocationName" : "value",
"ValueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #value(String) \}. \n@param value a consumer that will call methods on \{ @link String.Builder \} \n@return Returns a reference to this object so that method calls can be chained together. \n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object. The new value for the Value property for this object. \n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object. \n@return The value of the Value property for this object."
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@Param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {

  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>

@Param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {

  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>",
  "simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}. @param status a consumer that will call methods on {@link OptionStatus.Builder}.
@returns a reference to this object so that method calls can be chained together.
@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
@returns a reference to this object so that method calls can be chained together.
", 
"getterSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
@returns a reference to this object so that method calls can be chained together.
", 
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
} ]

"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "setterMethodName" : "setOptions",
    "setterModel" : {
      "variableDeclarationType" : "OptionStatus",
      "variableName" : "status",
      "variableType" : "OptionStatus",
      "documentation" : null,
      "simpleType" : "OptionStatus",
      "variableSetterType" : "OptionStatus"
    }
  }
}
"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified
Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link
Map<String,String>.Builder} avoiding the need to create one manually via { @link
Map<String,String>#builder()}. When the { @link Consumer} completes, { @link
Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link
#options(Map<String,String>)}. Returns a reference to this object so that method calls can be chained
together.@see #options(Map<String,String>)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.</p>
@param options Specifies the status of advanced options for the specified Elasticsearch
domain.
@return Returns a reference to this object so that method calls can be chained together.
@see #options(Map<String,String>)",
"getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch
domain.
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return Specifies the status of advanced options for the specified Elasticsearch
domain.
@see #options(Map<String,String>)",
"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
  "implType": "java.util.HashMap",
  "interfaceType": "java.util.Map",
  "keyLocationName": "key",
  "keyModel": {
    "beanStyleGetterMethodName": "getKey",
    "beanStyleSetterMethodName": "setKey",
    "c2jName": "key",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object.\nThis is a convenience that creates an instance of the \n{@link String.Builder} avoiding the need to create one manually via \n{@link String#builder()}.\nWhen the \n{@link Consumer} completes, \n{@link String.Builder#build()} is called immediately and its result is passed to \n{@link #key(String)}.\n@returns a reference to this object so that method calls can be chained \ntogether.\n@see #key(String)",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "key",
    "fluentSetterDocumentation": "Sets the value of the Key property for this object.\nThe new value for the Key property for this object.\n@returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName": "key",
    "getterDocumentation": "Returns the value of the Key property for this object.
Key property for this object.\n@returns The value of the Key property for this object.
getterModel": {
  "returnType": "String",
  "documentation": null
},
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD"}
"marshallLocationName": "key",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "key",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.\n\n\n@param key The new value for the Key property for this object.\n",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"}
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"}
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "String",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object.\n\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. \n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #value(String)}.\n@param value a
@link String.Builder\n\n@returns Returns a reference to this object so that method calls can be chained together.
\n@see #value(String)

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.
\n\n@returns Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.
\n\n@returns The value of the Value property for this object.
\n\n@getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.
\n\n@returns The new value for the Value property for this object.
\n\n@setterMethodName" : "setValue"
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>",
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>
@param options Specifies the status of advanced options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "options",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : null,
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "options",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : null,
    "simpleType" : "Map<String,String>",
    "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNameSpaceUri" : null
"Status" : {
    "beanStyleGetterMethodName" : "getStatus",
    "beanStyleSetterMethodName" : "setStatus",
    "c2jName" : "Status",
    "c2jShape" : "OptionStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the
{@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to @link status(OptionStatus)@. @param status a consumer that will call methods on {@link OptionStatus.Builder}@. @return Returns a reference to this object so that method calls can be chained together.@see #status(OptionStatus)@",
    "deprecated" : false,
    "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "status",
    "fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.@",
    "fluentSetterMethodName" : "status",
    "getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>
@return Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.@",
    "getterModel" : {
        "returnType" : "OptionStatus",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Status",
        "queryString" : false,
        "statusCode" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Status",
        "returnModel" : {
            "returnType" : "OptionStatus",
            "documentation" : null
        }
    }
}
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain."

"setterMethodName" : "setStatus",
"setterModel" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"XmlElementNamespaceUri" : null
}
)
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getOptions",
"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link Map<String,String>.Builder} avoiding the need to create one manually via {@link Map<String,String>#builder()}.\nWhen the {@link Consumer} completes, {@link Map<String,String>#builder()}.\nWhen the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #options(Map<String,String>)}.

@throws IOException if unable to write to the HTTP response stream.
@throws NullPointerException if any argument is null.
Map<String,String>.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #options(Map<String,String>)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.

@<p>\n@param options Specifies the status of advanced options for the specified Elasticsearch domain.

@<p>\n@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>

<p>Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.
</p>

@return Specifies the status of advanced options for the specified Elasticsearch domain.
",
"getterModel" : {
"returnType" : "java.util.Map<String,String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"mapType" : "java.util.Map<String,String>,
"type" : "java.util.Map<String,String>",
"types" : ["java.util.Map<String,String>",
"java.util.Map<String,String>"],
"values" : [null,null]
},
"values" : [null,null],
"version" : "1.0.0",
"versionId" : "1.0.0"

"keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}.
@param key a consumer that will call methods on {@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.
@param key The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.
@returns The value of the Key property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false
}
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}
,"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}
,"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the @{link String.Builder} avoiding the need to create one manually via @{link String.Builder#builder()}. When the @{link Consumer} completes, @{link String.Builder#build()} is called immediately and its result is passed to @{link #value(String)}. Returns a reference to this object so that method calls can be chained together.

@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : null,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
"fluentGetterMethodName": "value",
"fluentSetterDocumentation": "Sets the value of the Value property for this object.

@returns The new value for the Value property for this object.

@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "value",
"getterDocumentation": "Returns the value of the Value property for this object.

@returns The value of the Value property for this object.

getterModel": {
   "returnType": "String",
   "documentation": null
},
"http": {
   "additionalMarshallingPath": null,
   "additionalUnmarshallingPath": null,
   "flattened": false,
   "greedy": false,
   "header": false,
   "isPayload": false,
   "isStreaming": false,
   "location": null,
   "marshallLocation": "PAYLOAD",
   "marshallLocationName": "value",
   "queryString": false,
   "statusCode": false,
   "unmarshallLocationName": "value",
   "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.

@returns The new value for the Value property for this object.

setterMethodName": "setValue",
"setterModel": {
   "variableDeclarationType": "String",
   "variableName": "value",
   "variableType": "String",
   "documentation": null,
   "simpleType": "String",
   "variableSetterType": "String"
},
"simple": true,
"timestampFormat" : null,
"variable" : { 
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>
@param options Specifies the status of advanced options for the specified Elasticsearch domain."
,"setterMethodName" : "setOptions",
"setterModel" : { 
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : { 
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p> Specifies the status of advanced options for the specified Elasticsearch domain.</p>
@param status a consumer that will
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>

This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.

@n@param status a consumer that will
call methods on { @link OptionStatus.Builder }\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.\n\n@returns Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "status",
  "getterDocumentation" : "<p> Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>\n@return Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain."
},
  "getterModel" : {
    "returnType" : "OptionStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Status",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Status",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Status"
<p>Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain.</p>

@<p></p>

```json
"setterDocumentation" : "Specifies the status of <code>OptionStatus</code> for advanced options for the specified Elasticsearch domain."

"setterMethodName" : "setStatus",

"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},

"xmlNameSpaceUri" : null
}

"requestSignerAware" : false,

"requestSignerClassFqcn" : null,

"required" : [ "Options", "Status" ],

"shapeName" : "AdvancedOptionsStatus",

"simpleMethod" : false,

"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},

"variable" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptionsStatus",
  "variableType" : "AdvancedOptionsStatus",
  "documentation" : null,
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},

"wrapper" : false
}

"BaseException" : {
  "c2jName" : "BaseException",
  "customization" : {
    "artificialResultWrapper" : null,
```
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>An error occurred while processing the request.</p>",
"enums" : null,
"errorCode" : "BaseException",
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "BaseException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "BaseException",
  "variableName" : "baseException",
  "variableType" : "BaseException",
  "documentation" : null,
  "simpleType" : "BaseException",
  "variableSetterType" : "BaseException"
},
"wrapper" : false
},
"CancelElasticsearchServiceSoftwareUpdateRequest" : {
  "c2jName" : "CancelElasticsearchServiceSoftwareUpdateRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for the parameters to the
<code><a>CancelElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the Elasticsearch domain that you wish to cancel a service software update on.

```xml
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": {
  "action": "CancelElasticsearchServiceSoftwareUpdate",
  "locationName": null,
  "requestUri": "/2015-01-01/es/serviceSoftwareUpdate/cancel",
  "target": null,
  "verb": "POST",
  "xmlNameSpaceUri": null
},
"members": [
  {
    "beanStyleGetterMethodName": "getDomainName",
    "beanStyleSetterMethodName": "setDomainName",
    "c2jName": "DomainName",
    "c2jShape": "DomainName",
    "defaultConsumerFluentSetterDocumentation": "The name of the domain that you want to stop the latest service software update on.

This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String.builder(). When the Consumer completes, String.Builder#build() is called immediately and its result is passed to #domainName(String).

@see #domainName(String)",
  "deprecated": false,
  "documentation": "The name of the domain that you want to stop the latest service software update on.

@param domainName The name of the domain that you want to stop the latest service software update on.
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "domainName",
  "fluentSetterDocumentation": "The name of the domain that you want to stop the latest service software update on.

@param domainName The name of the domain that you want to stop the latest service software update on.
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
  "getterDocumentation": "The name of the domain that you want to stop the latest service software update on.

@param domainName The name of the domain that you want to stop the latest service software update on.
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
  "getterModel": {
```

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```
"returnType" : "String",
"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainName",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "DomainName",
 "setterDocumentation" : "The name of the domain that you want to stop the latest service software update on.\n\n@\n\n@param domainName The name of the domain that you want to stop the latest service software update on.\n",
 "setterMethodName" : "setDomainName",
 "setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
 },
 "simple" : true,
 "timestampFormat" : null,
 "variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "domainName",
 "variableType" : "String",
 "documentation" : "The name of the domain that you want to stop the latest service software update on."
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
] ],
"membersAsMap" : {
"DomainName" : {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #domainName(String)].

@see @link #domainName(String)
"deprecated" : false,
"documentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>",
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"marshallTypeAsMap" : {
"DomainName" : {
} }},
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>
@param domainName The name of the domain that you want to stop the latest service software update on.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>
"simple" : "String",
"variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
},

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to stop the latest service software update on.</p>
\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes,
The name of the domain that you want to stop the latest service software update on.

@link String.Builder#build() is called immediately and its result is passed to @link #domainName(String)\n@n@\n\nparam domainName a consumer that will call methods on @link String.Builder\n\n@n@\n\n@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)

@deprecated: false

@documentation: 

<p>The name of the domain that you want to stop the latest service software update on.</p>

@param domainName a consumer that will call methods on @link String.Builder\n\n@n@\n\n@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)

@fluentEnumGetterMethodName: null

@fluentEnumSetterMethodName: null

@fluentGetterMethodName: "domainName"

@fluentSetterDocumentation: 

<p>The name of the domain that you want to stop the latest service software update on.</p>

@param domainName The name of the domain that you want to stop the latest service software update on.

@n@\n\n@n@\n\n@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)

@getterDocumentation: 

<p>The name of the domain that you want to stop the latest service software update on.</p>

@return The name of the domain that you want to stop the latest service software update on.

@n@\n\n@n@\n\n@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)

@getterModel: 

{ "returnType": "String", 
  "documentation": null
}

@http: 

{ "additionalMarshallingPath": null, 
  "additionalUnmarshallingPath": null, 
  "flattened": false, 
  "greedy": false, 
  "header": false, 
  "isPayload": false, 
  "isStreaming": false, 
  "location": null, 
  "marshallLocation": "PAYLOAD", 
  "marshallLocationName": "DomainName", 
  "queryString": false, 
  "statusCode": false, 
  "unmarshallLocationName": "DomainName", 
  "uri": false
}

@idempotencyToken: false

@isBinary: false

@jsonValue: false

@list: false

@listModel: null

@map: false

@mapModel: null

@marshallingType: "STRING"

@name: "DomainName"
"setterDocumentation": "The name of the domain that you want to stop the latest service software update on."
@param domainName The name of the domain that you want to stop the latest service software update on.",
"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "The name of the domain that you want to stop the latest service software update on."
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": [ "DomainName" ],
"shapeName": "CancelElasticsearchServiceSoftwareUpdateRequest",
"simpleMethod": false,
"unmarshaller": null,
"variable": {
  "variableDeclarationType": "CancelElasticsearchServiceSoftwareUpdateRequest",
  "variableName": "cancelElasticsearchServiceSoftwareUpdateRequest",
  "variableType": "CancelElasticsearchServiceSoftwareUpdateRequest",
  "documentation": null,
  "simpleType": "CancelElasticsearchServiceSoftwareUpdateRequest",
  "variableSetterType": "CancelElasticsearchServiceSoftwareUpdateRequest"
},
"wrapper": false
},
"CancelElasticsearchServiceSoftwareUpdateResponse": {
  "c2jName": "CancelElasticsearchServiceSoftwareUpdateResponse",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset" : 0,
},
"deprecated" : false,
"documentation" : "<p>The result of a <code>CancelElasticsearchServiceSoftwareUpdate</code> operation. Contains the status of the update.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ { 
"beanStyleGetterMethodName" : "getServiceSoftwareOptions",
"beanStyleSetterMethodName" : "setServiceSoftwareOptions",
"c2jName" : "ServiceSoftwareOptions",
"c2jShape" : "ServiceSoftwareOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\nThis is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}.\n\nWhen the { @link Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"deprecated" : false,
"documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software update.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@return The current status of the Elasticsearch service software update.\n"getterModel" : { 
"returnType" : "ServiceSoftwareOptions",
"documentation" : null
},
"http" : { 
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ServiceSoftwareOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@param serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "ServiceSoftwareOptions" : [}
"beanStyleGetterMethodName" : "getServiceSoftwareOptions",
"beanStyleSetterMethodName" : "setServiceSoftwareOptions",
"c2jName" : "ServiceSoftwareOptions",
"c2jShape" : "ServiceSoftwareOptions",
"defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch service software update.
This is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. When the { @link Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to { @link ServiceSoftwareOptionsServiceSoftwareOptions}. a consumer that will call methods on { @link ServiceSoftwareOptions.Builder}.  
 @return Returns a reference to this object so that method calls can be chained together.
 @see #serviceSoftwareOptions(ServiceSoftwareOptions)"
"deprecated" : false,
"documentation" : "The current status of the Elasticsearch service software update."
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "The current status of the Elasticsearch service software update.
 @param serviceSoftwareOptions The current status of the Elasticsearch service software update.
 @return Returns a reference to this object so that method calls can be chained together.
 @see #serviceSoftwareOptions(ServiceSoftwareOptions)"
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "The current status of the Elasticsearch service software update."
"getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "isJsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@param
serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
"variableDeclarationType" : "ServiceSoftwareOptions",
"variableName" : "serviceSoftwareOptions",
"variableType" : "ServiceSoftwareOptions",
"documentation" : null,
"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ServiceSoftwareOptions",
"variableName" : "serviceSoftwareOptions",
"variableType" : "ServiceSoftwareOptions",
"documentation" : "<p>The current status of the Elasticsearch service software update.</p>
",n"simpleType" : "ServiceSoftwareOptions",
"variable SetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null,
"
"nonStreamingMembers" : [{
"beanStyleGetterMethodName" : "getServiceSoftwareOptions",
"beanStyleSetterMethodName" : "setServiceSoftwareOptions",
"c2jName" : "ServiceSoftwareOptions",
"c2jShape" : "ServiceSoftwareOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>

This is a convenience that creates an instance of the <code>@link ServiceSoftwareOptions.Builder</code> avoiding the need to create one manually via <code>@link ServiceSoftwareOptions#builder()</code>.

When the <code>@link Consumer</code> completes, <code>@link ServiceSoftwareOptions.Builder#build()</code> is called immediately and its result is passed to <code>@link #serviceSoftwareOptions(ServiceSoftwareOptions)</code>.

@param serviceSoftwareOptions a consumer that will call methods on <code>@link ServiceSoftwareOptions.Builder</code>

@return Returns a reference to this object so that method calls can be chained together.<n@see #serviceSoftwareOptions(ServiceSoftwareOptions)"
"deprecated" : false,
"documentation" : "<p>The current status of the Elasticsearch service software update.</p>
",n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.<p>\n@<param serviceSoftwareOptions The current status of the Elasticsearch service software update.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "<p>The current status of the Elasticsearch service software update.\n@return The current status of the Elasticsearch service software update."",
"getterModel" : {
"returnType" : "ServiceSoftwareOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ServiceSoftwareOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>\n@param serviceSoftwareOptions The current status of the Elasticsearch service software update."",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
"variableDeclarationType" : "ServiceSoftwareOptions",
"variableName" : "serviceSoftwareOptions",
"variableType" : "ServiceSoftwareOptions",
"documentation" : null,
"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
}
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CancelElasticsearchServiceSoftwareUpdateResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "variableName" : "cancelElasticsearchServiceSoftwareUpdateResponse",
  "variableType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "documentation" : null,
  "simpleType" : "CancelElasticsearchServiceSoftwareUpdateResponse",
  "variableSetterType" : "CancelElasticsearchServiceSoftwareUpdateResponse"
},
"wrapper" : false
},
"CognitoOptions" : {
  "c2jName" : "CognitoOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"marshaller" : null,
"members" : [
  {
    "beanStyleGetterMethodName" : "getEnabled",
    "beanStyleSetterMethodName" : "setEnabled",
    "c2jName" : "Enabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}.\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}.\n@see #enabled(Boolean)"
  },
  {
    "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.\nReturns a reference to this object so that method calls can be chained together.\n@see #enabled(Boolean)"
  },
  {
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "enabled",
    "fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.\nReturns a reference to this object so that method calls can be chained together.\n</p>\n@see #enabled(Boolean)"
  },
  {
    "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.\nReturns a reference to this object so that method calls can be chained together.\n</p>\n@see #enabled(Boolean)"
  },
  {
    "returnType" : "Boolean",
    "documentation" : null
  },
  {
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshalLocation" : "PAYLOAD",
      "marshalLocationName" : "Enabled",
      "queryString" : false,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshalLocation" : "PAYLOAD",
      "marshalLocationName" : "Enabled",
      "queryString" : false,
    }
  }
]
Specifies the option to enable Cognito for Kibana authentication.
@returns Returns a reference to this object so that method calls can be chained together.
@see #userPoolId(String)
"eventType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "userPoolId",
"fluentSetterDocumentation": "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>
@returns The Cognito user pool ID for Kibana authentication.
@function userPoolId
@returns A reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "userPoolId",
"getterDocumentation": "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>
@returns Specifies the Cognito user pool ID for Kibana authentication.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "UserPoolId",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "UserPoolId",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "UserPoolId",
"setterDocumentation": "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>
@returns Specifies the Cognito user pool ID for Kibana authentication.",
"setterMethodName": "setUserPoolId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "userPoolId",
  "variableType": "String"}
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "userPoolId",
  "variableType": "String",
  "documentation": "<p>SPECIFIES THE COGNITO USER POOL ID FOR KIBANA AUTHENTICATION.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
  {
    "beanStyleGetterMethodName": "getIdentityPoolId",
    "beanStyleSetterMethodName": "setIdentityPoolId",
    "c2jName": "IdentityPoolId",
    "c2jShape": "IdentityPoolId",
    "defaultConsumerFluentSetterDocumentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link IdentityPoolId(String)}. Returns a reference to this object so that method calls can be chained together.

@see #identityPoolId(String)",
  "deprecated": false,
  "documentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "identityPoolId",
  "fluentSetterDocumentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>

@see #identityPoolId(String)

@returns {String} Returns a reference to this object so that method calls can be chained together.

@see #identityPoolId(String)",
  "deprecated": false,
  "documentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "identityPoolId",
  "fluentSetterDocumentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>

@see #identityPoolId(String)

@returns {String} Returns a reference to this object so that method calls can be chained together.

@see #identityPoolId(String)",
  "deprecated": false,
  "documentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "identityPoolId",
  "fluentSetterDocumentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>

@see #identityPoolId(String)

@returns {String} Returns a reference to this object so that method calls can be chained together.

@see #identityPoolId(String)",
  "deprecated": false,
  "documentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "identityPoolId",
  "fluentSetterDocumentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>

@see #identityPoolId(String)

@returns {String} Returns a reference to this object so that method calls can be chained together.

@see #identityPoolId(String)",
  "deprecated": false,
  "documentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "identityPoolId",
  "fluentSetterDocumentation": "<p>SPECIFIES THE COGNITO identity pool ID FOR KIBANA authentication.</p>

@see #identityPoolId(String)

@returns {String} Returns a reference to this object so that method calls can be chained together.

@see #identityPoolId(String)",
  "deprecated": false,
  "documentation": null,
  "returnType": null,
  "flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "IdentityPoolId",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "IdentityPoolId",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "IdentityPoolId",
"setterDocumentation": "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@param
identityPoolId Specifies the Cognito identity pool ID for Kibana authentication."
,"setterMethodName": "setIdentityPoolId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "identityPoolId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "identityPoolId",
  "variableType": "String",
  "documentation": "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
{  
  "beanStyleGetterMethodName": "getRoleArn",
  "beanStyleSetterMethodName": "setRoleArn",
  "c2jName": "RoleArn",
  "c2jShape": "RoleArn"
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [RoleArn(String)].

@see #roleArn(String)

Returns a reference to this object so that method calls can be chained together.

@deprecated" : false,
"documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>

@enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "roleArn",
"fluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>

@fluentSetterMethodName" : "roleArn",
"getterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>

@getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RoleArn",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RoleArn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "RoleArn",
"setterDocumentation": "Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.
@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources."
"setterMethodName": "setRoleArn",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "roleArn",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "roleArn",
"variableType": "String",
"documentation": "Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.
@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources."
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"membersAsMap": {
"Enabled": {
"beanStyleGetterMethodName": "getEnabled",
"beanStyleSetterMethodName": "setEnabled",
"c2jName": "Enabled",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "Specifies the option to enable Cognito for Kibana authentication.
@param enabled a consumer that will call methods on \{ @link Boolean.Builder \} avoiding the need to create one manually via \{ @link Boolean.Builder\}.\n\nWhen the \{ @link Consumer \} completes, \{ @link Boolean.Builder#build\}() is called immediately and its result is passed to \{ @link #enabled(Boolean)\}.\n\n@Deprecated\n@see #enabled(Boolean)"
,"deprecated": false,
"documentation": "Specifies the option to enable Cognito for Kibana authentication."
,"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@param enabled Specifies the option to enable Cognito for Kibana authentication.
@return

Specifies the option to enable Cognito for Kibana authentication.

"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Enabled",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Enabled",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@param enabled Specifies the option to enable Cognito for Kibana authentication.

"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "enabled",
  "variableType": "Boolean",
  "documentation": "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null,
"IdentityPoolId": {
  "beanStyleGetterMethodName": "getIdentityPoolId",
  "beanStyleSetterMethodName": "setIdentityPoolId",
  "c2jName": "IdentityPoolId",
  "c2jShape": "IdentityPoolId",
  "defaultConsumerFluentSetterDocumentation": "<p>Specifies the Cognito identity pool ID for Kibana authentication. This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder]. When the [Consumer] completes, [String.Builder#build] is called immediately and its result is passed to [IdentityPoolId(String)].
  @param identityPoolId a consumer that will call methods on [String.Builder] a consumer that will call methods on [String.Builder]
  @return Returns a reference to this object so that method calls can be chained together. See #identityPoolId(String)",
  "deprecated": false,
  "documentation": "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "identityPoolId",
  "fluentSetterDocumentation": "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
  @param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.
  @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "identityPoolId",
  "getterDocumentation": "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
  @return Specifies the Cognito identity pool ID for Kibana authentication.",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "IdentityPoolId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "IdentityPoolId",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "IdentityPoolId",
"setterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@param
identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.",
"setterMethodName" : "setIdentityPoolId",
"setterModel" : {
  
  "variableDeclarationType" : "String",
  "variableName" : "identityPoolId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
  
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  
  "variableDeclarationType" : "String",
  "variableName" : "identityPoolId",
  "variableType" : "String",
  "documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
  
},
"xmlNameSpaceUri" : null
},
"RoleArn" : {
  "beanStyleGetterMethodName" : "getRoleArn",
  "beanStyleSetterMethodName" : "setRoleArn",
  "c2jName" : "RoleArn",
  "c2jShape" : "RoleArn",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}."

When the {@link
Consumer} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #roleArn(String)\}.

\@param roleArn a consumer that will call methods on \{@link String.Builder\}
\n@returns Returns a reference to this object so that method calls can be chained together.
\n@see #roleArn(String)

"deprecated" : false,

"documentation" : "\<p\>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\</p\>"

"enumType" : null,

"eventTypeHeader" : false,

"eventTypePayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "roleArn",

"fluentSetterDocumentation" : "\<p\>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\</p\>"

"getterDocumentation" : "\<p\>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.\</p\>"

"getterModel" : {

"returnType" : "String",

"documentation" : null
}

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "RoleArn",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "RoleArn",

"uri" : false
}

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",
"name" : "RoleArn",
"setterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing
Cognito resources.</p>
@param roleArn Specifies the role ARN that provides Elasticsearch permissions for
accessing Cognito resources.",
"setterMethodName" : "setRoleArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito
resources.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UserPoolId" : {
  "beanStyleGetterMethodName" : "getUserPoolId",
  "beanStyleSetterMethodName" : "setUserPoolId",
  "c2jName" : "UserPoolId",
  "c2jShape" : "UserPoolId",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana
authentication.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need
to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to {@link #userPoolId(String)}.

@defaultConsumerFluentSetter
@param userPoolId a consumer that will call methods on {@link String.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #userPoolId(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "userPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana
authentication.</p>
@defaultConsumerFluentSetter
@param userPoolId Specifies the Cognito user pool ID for Kibana authentication.
@return Returns a reference to this object so that method calls can be chained together.";
"fluentSetterMethodName" : "userPoolId",
"getterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>@return
Specifies the Cognito user pool ID for Kibana authentication.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UserPoolId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UserPoolId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UserPoolId",
"setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>@param
userPoolId Specifies the Cognito user pool ID for Kibana authentication.",
"setterMethodName" : "setUserPoolId",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "userPoolId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "userPoolId",
"variableType" : "String"}
"variableType" : "String",
"documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlnsSpaceUri" : null
}
],

"nonStreamingMembers" : [ 

"beanStyleGetterMethodName" : "getEnabled",
"beanStyleSetterMethodName" : "setEnabled",
"c2jName" : "Enabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}. When the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #enabled(Boolean)}. @param enabled a consumer that will call methods on { @link Boolean.Builder} @return Returns a reference to this object so that method calls can be chained together. @see #enabled(Boolean),
"deprecated" : false,
"documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@param enabled Specifies the option to enable Cognito for Kibana authentication.
@return Returns a reference to this object so that method calls can be chained together.,”,
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@link #enabled(Boolean) Specifies the option to enable Cognito for Kibana authentication. @return Returns a reference to this object so that method calls can be chained together.,”,
"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Enabled"
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Enabled",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>
@param enabled Specifies the option to enable Cognito for Kibana authentication."

"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specifies the option to enable Cognito for Kibana authentication.</p>"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getUserPoolId",
"beanStyleSetterMethodName" : "setUserPoolId",
"c2jName" : "UserPoolId",
"c2jShape" : "UserPoolId",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>"

This is a convenience that creates an instance of the {String.Builder} avoiding the need to create one manually via {String.Builder}. When the {Consumer} completes, {String.Builder#build()} is called immediately and its result is passed to {userPoolId(String)}. Returns a reference to this object so that method calls can be chained together.
"deprecated" : false,
"documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
"enumType" : null,
"eventName" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentSetterMethodName" : "userPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>
@param userPoolId Specifies the Cognito user pool ID for Kibana authentication.
@return
Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "userPoolId",
"getterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>
@return
Specifies the Cognito user pool ID for Kibana authentication.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UserPoolId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UserPoolId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UserPoolId",
"setterDocumentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>
@param userPoolId Specifies the Cognito user pool ID for Kibana authentication.
@return
Specifies the Cognito user pool ID for Kibana authentication.",
"setterMethodId" : "setUserPoolId",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "userPoolId"}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "userPoolId",
  "variableType" : "String",
  "documentation" : "<p>Specifies the Cognito user pool ID for Kibana authentication.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNamespaceUri" : null
},

"beanStyleGetterMethodName" : "getIdentityPoolId",
"beanStyleSetterMethodName" : "setIdentityPoolId",
"c2jName" : "IdentityPoolId",
"c2jShape" : "IdentityPoolId",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String#builder()}. When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #identityPoolId(String)}. A param identityPoolId a consumer that will call methods on {link String.Builder} a return Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "identityPoolId",
"fluentSetterDocumentation" : "<p>Specifies the Cognito identity pool ID for Kibana authentication.</p>
@param identityPoolId Specifies the Cognito identity pool ID for Kibana authentication.
@return Returns a reference to this object so that method calls can be chained together.
@see #identityPoolId(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
"c2jShape" : "RoleArn",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #roleArn(String)}.<p>@param roleArn a consumer that will call methods on { @link String.Builder}</p>@return Returns a reference to this object so that method calls can be chained together.<p>@see #roleArn(String)".

"deprecated" : false,
"documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "roleArn",
"fluentSetterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.
@return Returns a reference to this object so that method calls can be chained together.
@see #roleArn(String)",
"fluentSetterMethodName" : "roleArn",
"getterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
@return Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.
@see #roleArn(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RoleArn",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RoleArn",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"setterDocumentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
@param roleArn Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources."
"setterMethodName" : "setRoleArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "roleArn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the role ARN that provides Elasticsearch permissions for accessing Cognito resources.</p>
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
];
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CognitoOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"wrapper" : false
"CognitoOptionsStatus" : {
    "c2jName" : "CognitoOptionsStatus",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "Status of the Cognito options for the specified Elasticsearch domain."
},
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [
    {
        "beanStyleGetterMethodName" : "getOptions",
        "beanStyleSetterMethodName" : "setOptions",
        "c2jName" : "Options",
        "c2jShape" : "CognitoOptions",
        "defaultConsumerFluentSetterDocumentation" : "Specifies the Cognito options for the specified Elasticsearch domain. This is a convenience that creates an instance of the \{ @link CognitoOptions.Builder \} avoiding the need to create one manually via \{ @link CognitoOptions#builder() \}. When the \{ @link Consumer \} completes, \{ @link CognitoOptions.Builder#build() \} is called immediately and its result is passed to \{ @link CognitoOptions\}.\n@param options a consumer that will call methods on \{ @link CognitoOptions.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(CognitoOptions)",
        "deprecated" : false,
        "documentation" : "Specifies the Cognito options for the specified Elasticsearch domain."
    }
],
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "Specifies the Cognito options for the specified Elasticsearch domain.\n@param options Specifies the Cognito options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "Specifies the Cognito options for the specified Elasticsearch domain."
}
\texttt{return} Specifies the Cognito options for the specified Elasticsearch domain.

\texttt{getterModel} : {
  \texttt{returnType} : "CognitoOptions",
  \texttt{documentation} : null
},
\texttt{http} : {
  \texttt{additionalMarshallingPath} : null,
  \texttt{additionalUnmarshallingPath} : null,
  \texttt{flattened} : false,
  \texttt{greedy} : false,
  \texttt{header} : false,
  \texttt{isPayload} : false,
  \texttt{isStreaming} : false,
  \texttt{location} : null,
  \texttt{marshallLocation} : "PAYLOAD",
  \texttt{marshallLocationName} : "Options",
  \texttt{queryString} : false,
  \texttt{statusCode} : false,
  \texttt{unmarshallLocationName} : "Options",
  \texttt{uri} : false
},
\texttt{idempotencyToken} : false,
\texttt{isBinary} : false,
\texttt{jsonValue} : false,
\texttt{list} : false,
\texttt{listModel} : null,
\texttt{map} : false,
\texttt{mapModel} : null,
\texttt{marshallingType} : "SDK_POJO",
\texttt{name} : "Options",
\texttt{setterDocumentation} : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
\texttt{setterMethodName} : "setOptions",
\texttt{setterModel} : {
  \texttt{variableDeclarationType} : "CognitoOptions",
  \texttt{variableName} : "options",
  \texttt{variableType} : "CognitoOptions",
  \texttt{documentation} : null,
  \texttt{simpleType} : "CognitoOptions",
  \texttt{variableSetterType} : "CognitoOptions"
},
\texttt{simple} : false,
\texttt{timestampFormat} : null,
\texttt{variable} : {
  \texttt{variableDeclarationType} : "CognitoOptions",
  \texttt{variableName} : "options",
  \texttt{variableType} : "CognitoOptions",
  \texttt{documentation} : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>"},
"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions"
],
"xmlNameSpaceUri" : null,
",
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the @link OptionStatus.Builder avoiding the need to create one manually via @link OptionStatus#builder().

When the @link Consumer completes, @link OptionStatus.Builder#build() is called immediately and its result is passed to @link status(OptionStatus). @param status a consumer that will call methods on @link OptionStatus.Builder @return Returns a reference to this object so that method calls can be chained together.
@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.
@return Specifies the status of the Cognito options for the specified Elasticsearch domain.
@see #status(OptionStatus)",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
@return Specifies the status of the Cognito options for the specified Elasticsearch domain.
@see #status(OptionStatus)
",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status"},
"uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "CognitoOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link CognitoOptions.Builder} avoiding the need to create one manually via {@link CognitoOptions#builder()}. When the {@link Consumer} completes, {@link CognitoOptions.Builder#build()} is called immediately and its result is passed to {@link #options(CognitoOptions)}.@param options a consumer that will call methods on {@link CognitoOptions.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #options(CognitoOptions)",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
}
"deprecated" : false,
"documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
@param options Specifies the Cognito options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
@return Specifies the Cognito options for the specified Elasticsearch domain.",
"getterModel" : {
"returnType" : "CognitoOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
@param options Specifies the Cognito options for the specified Elasticsearch domain.
@return Specifies the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
"variableDeclarationType" : "CognitoOptions",
"returns" : null
}
"variableName" : "options",
"variableType" : "CognitoOptions",
"documentation" : null,
"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions",
}
,"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "CognitoOptions",
"variableName" : "options",
"variableType" : "CognitoOptions",
"documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},
"Status" : {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.\n\nThis is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. When the \n{@link Consumer} completes, the provided implementation is called immediately and its result is passed to \n{@link #status(OptionStatus)}.\n\nPrefer using the fluent {@link OptionStatus.Builder} methods as they are easier to use and can be chained together.\n\n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.\n\nPrefer using the fluent {@link OptionStatus.Builder} methods as they are easier to use and can be chained together.\n\n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
"eventType" : null,
"eventPayload" : false,
"fluentGetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>"},
"@return Returns a reference to this object so that method calls can be chained together.
"@see #status(OptionStatus)",
"getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "Status",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "Status",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonData": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"setterMethodName": "setStatus",
"setterModel": {
    "variableDeclarationType": "OptionStatus",
    "variableName": "status",
    "variableType": "OptionStatus",
    "documentation": null,
    "simpleType": "OptionStatus",
    "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "OptionStatus",
    "variableName": "status",
    "variableType": "OptionStatus",
    "documentation": "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
    "simpleType": "OptionStatus",
    "variableSetterType": "OptionStatus"
}.
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. When the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #options(CognitoOptions)}.<p>@param options a consumer that will call methods on { @link CognitoOptions.Builder}</p>@return Returns a reference to this object so that method calls can be chained together.<p>@see #options(CognitoOptions)"
  "deprecated" : false,
  "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
@param options Specifies the Cognito options for the specified Elasticsearch domain.
@return Specifies the Cognito options for the specified Elasticsearch domain.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
@return Specifies the Cognito options for the specified Elasticsearch domain.
"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>
@param options Specifies the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "options",
    "variableType" : "CognitoOptions",
    "documentation" : null,
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "options",
    "variableType" : "CognitoOptions",
    "documentation" : "<p>Specifies the Cognito options for the specified Elasticsearch domain.</p>",
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}.

When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}.

@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@return Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"isList" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the Cognito options for the specified Elasticsearch domain.\n@return Specifies the status of the Cognito options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus"
"variableSetterType" : "OptionStatus",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the Cognito options for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus",
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "CognitoOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptionsStatus",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : null,
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"wrapper" : false
}],
"CompatibleVersionsMap" : {
  "c2jName" : "CompatibleVersionsMap",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>A map from an <code> <a>ElasticsearchVersion</a> </code> to a list of compatible <code> <a>ElasticsearchVersion</a> </code> s to which the domain can be upgraded.</p>",
  "enums" : null,
  "errorCode" : null,
  "errorType" : null
}
}
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [ { 
  "beanStyleGetterMethodName": "getSourceVersion",
  "beanStyleSetterMethodName": "setSourceVersion",
  "c2jName": "SourceVersion",
  "c2jShape": "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation": "$<p>The current version of Elasticsearch on which a domain is.</p>
This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #sourceVersion(String)].

@param sourceVersion a consumer that will call methods on [ @link String.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #sourceVersion(String)",
  "deprecated": false,
  "documentation": "<p>The current version of Elasticsearch on which a domain is.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "sourceVersion",
  "fluentSetterDocumentation": "$<p>The current version of Elasticsearch on which a domain is.</p>
@param sourceVersion The current version of Elasticsearch on which a domain is.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "sourceVersion",
  "getterDocumentation": "<p>The current version of Elasticsearch on which a domain is.</p>
@return The current version of Elasticsearch on which a domain is.",
  "getterModel": { 
    "returnType": "String",
    "documentation": null }
},
"http": { 
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD"}
"marshallLocationName": "SourceVersion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "SourceVersion",
"uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "SourceVersion",
"setterDocumentation": "<p>The current version of Elasticsearch on which a domain is.</p>
@param
sourceVersion The current version of Elasticsearch on which a domain is."

"setterMethodName": "setSourceVersion",
"setterModel": {

"variableDeclarationType": "String",
"variableName": "sourceVersion",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"

},
"simple": true,
"timestampFormat": null,
"variable": {

"variableDeclarationType": "String",
"variableName": "sourceVersion",
"variableType": "String",
"documentation": "<p>The current version of Elasticsearch on which a domain is.</p>",
"simpleType": "String",
"variableSetterType": "String"

},
"xmlNameSpaceUri": null
},
{

"beanStyleGetterMethodName": "getTargetVersions",
"beanStyleSetterMethodName": "setTargetVersions",
"c2jName": "TargetVersions",
"c2jShape": "ElasticsearchVersionList",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the TargetVersions property for this
object. This is a convenience that creates an instance of the
{@link List<String>.Builder} avoiding the need to
create one manually via
{@link List<String>#builder()}. When the
{@link Consumer} completes,
{@link List<String>.Builder#build()} is called immediately and its result is passed to
{@link List#targetVersions(List<String>)}. param
"targetVersions" a consumer that will call methods on
{@link List<String>.Builder}@return
Returns a reference to this object so that method calls can be chained
@see #targetVersions(List<String>)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader":false,
"eventPayload":false,
"fluentEnumGetterMethodName":null,
"fluentEnumSetterMethodName":null,
"fluentGetterMethodName": "targetVersions",
"fluentSetterDocumentation": "Sets the value of the TargetVersions property for this object.

@param targetVersions The new value for the TargetVersions property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "targetVersions",
"getterDocumentation": "Returns the value of the TargetVersions property for this object.
<p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
@return The value of the TargetVersions property for this object.",
"getterModel": {
"returnType": "java.util.List<String>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "TargetVersions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "TargetVersions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
"implType": "java.util.ArrayList",
"interfaceType": "java.util.List",
"listMemberModel": {
"beanStyleGetterMethodName": "getMember",
"beanStyleSetterMethodName": "setMember",
"c2jName": "member",
"c2jShape": "ElasticsearchVersionString",
"getterDocumentation": "Returns the value of the TargetVersions property for this object.
<br>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
<br>
@return The value of the TargetVersions property for this object.",
"getterModel": {
"returnType": "java.util.List<String>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "TargetVersions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "TargetVersions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
"implType": "java.util.ArrayList",
"interfaceType": "java.util.List",
"listMemberModel": {
"beanStyleGetterMethodName": "getMember",
"beanStyleSetterMethodName": "setMember",
"c2jName": "member",
"c2jShape": "ElasticsearchVersionString"}
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link #builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)].  

The new value for the Member property for this object.

@see #member(String)",

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)].  

The new value for the Member property for this object.

@see #member(String)".

"getterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

The value of the Member property for this object."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING".
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object."
@param member The new value for the Member property for this object.
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"setterDocumentation" : "Sets the value of the TargetVersions property for this object."
@param targetVersions The new value for the TargetVersions property for this object.
"setterMethodName" : "setTargetVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "targetVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<String",
    "variableName" : "targetVersions",
    "variableType" : "java.util.List<String",
    "documentation" : ",",
    "simpleType" : "List<String",
    "variableSetterType" : "java.util.Collection<String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
    "SourceVersion" : {
        "beanStyleGetterMethodName" : "getSourceVersion",
        "beanStyleSetterMethodName" : "setSourceVersion",
        "c2jName" : "SourceVersion",
        "c2jShape" : "ElasticsearchVersionString",
        "defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain
is.</p>\nThis is a convenience that creates an instance of the \n{ @link String.Builder } avoiding the need to create one
manually via \n{ @link String#builder() }.\n\nWhen the \n{ @link Consumer } completes, \n{ @link String.Builder#build() }
is called immediately and its result is passed to \n{ @link #sourceVersion(String) }\n@\param sourceVersion a
consumer that will call methods on \n{ @link String.Builder }\n@return Returns a reference to this object so that
method calls can be chained together.\n@see #sourceVersion(String)",
        "deprecated" : false,
        "documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "sourceVersion",
        "fluentSetterMethodName" : "sourceVersion",
        "fluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@\param sourceVersion The current version of Elasticsearch on which a domain is.\n@return Returns a reference to this object so that method calls can be chained together.",
        "getterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>\n@\return The
current version of Elasticsearch on which a domain is.",
        "getterModel" : {
            "returnType" : "String",
            "documentation" : null
        },
        "http" : {
            "additionalMarshallingPath" : null,
            "additionalUnmarshallingPath" : null,
            "flattened" : false,
            "greedy" : false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "SourceVersion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "SourceVersion",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "SourceVersion",
"setterDocumentation": "<p>The current version of Elasticsearch on which a domain is.</p>
@param
sourceVersion The current version of Elasticsearch on which a domain is.",
"setterMethodName": "setSourceVersion",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "sourceVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "sourceVersion",
  "variableType": "String",
  "documentation": "<p>The current version of Elasticsearch on which a domain is.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"TargetVersions": {
  "beanStyleGetterMethodName": "getTargetVersions",
  "beanStyleSetterMethodName": "setTargetVersions",
  "c2jName": "TargetVersions",
  "c2jShape": "ElasticsearchVersionList"}
This is a convenience that creates an instance of the `@link List<String>.Builder` avoiding the need to create one manually via `@link List<String>#builder()`. When the `@link Consumer` completes, `@link List<String>.Builder#build()` is called immediately and its result is passed to `@link List<String>.Builder#build()`. 

When the `@link Consumer` completes, `@link List<String>.Builder#build()` is called immediately and its result is passed to `@link List<String>.Builder#build()`.

```
@see #targetVersions(List<String>)
```

```
@deprecated : false
@documentation : "",
@enumType : null,
@eventHeader : false,
@eventPayload : false,
@fluentEnumGetterMethodName : null,
@fluentEnumSetterMethodName : null,
@fluentGetterMethodName : "targetVersions",
@fluentSetterDocumentation : "Sets the value of the TargetVersions property for this object. This is a convenience that creates an instance of the `List<String>.Builder` avoiding the need to create one manually via `List<String>#builder()`. When the `Consumer` completes, `List<String>.Builder#build()` is called immediately and its result is passed to `List<String>.Builder#build()`. 

```
@see #targetVersions(List<String>)
```

```
@params:
@targetVersions a consumer that will call methods on `List<String>.Builder`
@return Returns a reference to this object so that method calls can be chained together.
```

```
@returns:
@targetVersions The new value for the TargetVersions property for this object.
@return Returns a reference to this object so that method calls can be chained together.
```

The value of the TargetVersions property for this object.

```
@getterModel : {
@returnType : "java.util.List<String>",
@documentation : null
},
```

```
@http : {
@additionalMarshallingPath : null,
@additionalUnmarshallingPath : null,
@flattened : false,
@greedy : false,
@header : false,
@isPayload : false,
@isStreaming : false,
@location : null,
@marshallLocation : "PAYLOAD",
@marshallLocationName : "TargetVersions",
@queryString : false,
@statusCode : false,
@unmarshallLocationName : "TargetVersions",
@uri : false
},
```

```
@idempotencyToken : false,
@isBinary : false,
@jsonValue : false,
@list : true,
@listModel : {
@implType : "java.util.ArrayList",
```

```
Open Source Used In Data Center Network Manager 11 11.5(4) 22835
"interfaceType": "java.util.List",
"listMemberModel": {
  "beanStyleGetterMethodName": "getMember",
  "beanStyleSetterMethodName": "setMember",
  "c2jName": "member",
  "c2jShape": "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()].
When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #member(String)].
@return Returns a reference to this object so that method calls can be chained together.
@see #member(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object.
The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.
@return The value of the Member property for this object.",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "member",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "member",
    "uri": false
  },
  "idempotencyToken": false,
  "isBinary": false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TargetVersions",
"setterDocumentation" : "Sets the value of the TargetVersions property for this object.\n\n@param targetVersions The new value for the TargetVersions property for this object."
"setterMethodName" : "setTargetVersions",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "targetVersions",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
",
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "targetVersions",
"variableType" : "java.util.List<String>",
"documentation" : "",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
",
"xmlNameSpaceUri" : null
},

,"nonStreamingMembers" : [
  {
"beanStyleGetterMethodName" : "getSourceVersion",
"beanStyleSetterMethodName" : "setSourceVersion",
"c2jName" : "SourceVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchVersionString}.\n@param sourceVersion a consumer that will call methods on {@link String.Builder}\n@see #sourceVersion(String)",
"deprecated" : false,
"documentation" : "<p>The current version of Elasticsearch on which a domain is.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "sourceVersion",
"fluentSetterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>
@see #sourceVersion(String)\n@see #sourceVersion(String)",
"getterDocumentation" : "<p>The current version of Elasticsearch on which a domain is.</p>
@see #sourceVersion(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
}}
The current version of Elasticsearch on which a domain is.

```xml
<variable>
  <variableDeclarationType>String</variableDeclarationType>
  <variableName>sourceVersion</variableName>
  <variableType>String</variableType>
  <documentation>The current version of Elasticsearch on which a domain is.</documentation>
</variable>
```

```xml
<map>
  <variable>
    <variableDeclarationType>String</variableDeclarationType>
    <variableName>sourceVersion</variableName>
    <variableType>String</variableType>
    <documentation>The current version of Elasticsearch on which a domain is.</documentation>
  </variable>
</map>
```

```xml
<xmlNameSpaceUri>null</xmlNameSpaceUri>
```
"beanStyleGetterMethodName" : "getTargetVersions",
"beanStyleSetterMethodName" : "setTargetVersions",
"c2jName" : "TargetVersions",
"c2jShape" : "ElasticsearchVersionList",
"defaultValue":null,
"defaultSetterDocumentation": "Sets the value of the TargetVersions property for this object. This is a convenience that creates an instance of the [link List<String>.Builder] avoiding the need to create one manually via [link List<String>#builder()]. When the [link Consumer] completes, [link List<String>.Builder#build()] is called immediately and its result is passed to [link #targetVersions(List<String>)].

@see #targetVersions(List<String>)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventIdHeader" : false,
"eventIdPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersions",
"fluentSetterDocumentation": "Sets the value of the TargetVersions property for this object. The new value for the TargetVersions property for this object so that method calls can be chained together.

@see #targetVersions(List<String>)",
"fluentSetterMethodName" : "targetVersions",
"getterDocumentation": "Returns the value of the TargetVersions property for this object.

@see #targetVersions(List<String>)",
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TargetVersions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TargetVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String.Builder()\}.\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #member(String)\}.\n@param member a consumer that will call methods on \{@link String.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThe new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object."
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "statusText" : false,
    "uriTemplate" : null
  }
}
"unmarshallLocationName": "member",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."
,"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST"
"name": "TargetVersions",
"setterDocumentation": "Sets the value of the TargetVersions property for this object.
@param targetVersions The new value for the TargetVersions property for this object."
"setterMethodName": "setTargetVersions",
"setterModel": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "targetVersions",
"variableType": "java.util.List<String>",
"documentation": null,
"simpleType": "List<String>",
"variableSetterType": "java.util.Collection<String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "targetVersions",
"variableType": "java.util.List<String>",
"documentation": null,
"simpleType": "List<String>",
"variableSetterType": "java.util.Collection<String>"
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "CompatibleVersionsMap",
"simpleMethod": false,
"unmarshaller": {
"flattened": false,
"resultWrapper": null
},
"variable": {
"variableDeclarationType": "CompatibleVersionsMap",
"variableName": "compatibleVersionsMap",
"variableType": "CompatibleVersionsMap",
"documentation": null,
"simpleType": "CompatibleVersionsMap",
"variableSetterType": "CompatibleVersionsMap"
},
"wrapper": false
},
"CreateElasticsearchDomainRequest": {
"c2jName": "CreateElasticsearchDomainRequest",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "CreateElasticsearchDomain",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/domain",
  "target" : null,
  "verb" : "POST",
  "xmlNameSpaceUri" : null
},
"members" : [
  
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String.Builder()\n\nWhen the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #domainName(String).\n\n@param domainName a consumer that will call methods on @link String.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)"
  
  "deprecated" : false,
  "documentation" : "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "The name of the Elasticsearch domain that you are creating. Domain names..."
are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen)."

@returns The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen)."
"setterMethodName" : "setDomainName",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
    "beanStyleGetterMethodName" : "getElasticsearchVersion",
    "beanStyleSetterMethodName" : "setElasticsearchVersion",
    "c2jName" : "ElasticsearchVersion",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the [@link Consumer] completes, {[@link String.Builder#build()]} is called immediately and its result is passed to {[@link ElasticsearchVersion(String)]}. @return Returns a reference to this object so that method calls can be chained together. @see #elasticsearchVersion(String)",
    "deprecated" : false,
    "documentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchVersion"
"fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>. </p>
@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>. 
@return Returns a reference to this object so that method calls can be chained together. 
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>. </p>
@return String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>. 
"getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
"http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ElasticsearchVersion",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ElasticsearchVersion",
        "uri" : false
    },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>. </p>"
"2.3". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.<p>
@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.",  
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,

{"beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
"beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. <p>This is a convenience that creates an instance of the [ElasticsearchClusterConfig.Builder] avoiding the need to create one manually via ElasticsearchClusterConfig.Builder#builder().\nWhen the [Consumer] completes, ElasticsearchClusterConfig.Builder#build() is called immediately and its result is passed to ElasticsearchClusterConfig a consumer that will call methods on ElasticsearchClusterConfig.Builder#return Returns a reference to this object so that method calls can be chained together.\n@see ElasticsearchClusterConfig(ElasticsearchClusterConfig)"",
"deprecated" : false,
"documentation" : "Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. <p>"",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance
type and number of instances in the domain cluster. \</p>\n@param elasticsearchClusterConfig Configuration
options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain
cluster.\n@return Returns a reference to this object so that method calls can be chained together.\",
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type
and number of instances in the domain cluster. \</p>\n@return Configuration options for an Elasticsearch domain.
Specifies the instance type and number of instances in the domain cluster.\",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchClusterConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchClusterConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. \</p>\n@param elasticsearchClusterConfig Configuration
options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain
cluster.\",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig"}
"variableType" : "ElasticsearchClusterConfig",
"documentation" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and
number of instances in the domain cluster. &lt;/p&gt;",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of
EBS storage volumes. &lt;/p&gt;\nThis is a convenience that creates an instance of the {&lt;link EBSOptions.Builder\>
avoiding the need to create one manually via {&lt;link EBSOptions#builder()\>.\n\nWhen the {&lt;link Consumer\>
completes, {&lt;link EBSOptions.Builder#build()\> is called immediately and its result is passed to {&lt;link
#ebsOptions(EBSOptions)\>\n@param ebsOptions a consumer that will call methods on {&lt;link
EBSOptions.Builder\>\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #ebsOptions(EBSOptions)\>",
  "deprecated" : false,
  "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes. &lt;/p&gt;",
  "eventType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "ebsOptions",
  "fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage
volumes. &lt;/p&gt;\n@return Options to enable, disable and specify the type and size of EBS storage
volumes.\n@param ebsOptions Options to enable, disable and specify the type and size of EBS storage
volumes.\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #ebsOptions(EBSOptions)\>",
  "getterModel" : {
    "returnType" : "EBSOptions",
    "documentation" : null
  },
  "http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EBSOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EBSOptions",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.</p>
@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.</p>
"simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null}
"beanStyleGetterMethodName" : "getAccessPolicies",
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "PolicyDocument",
"defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #accessPolicies(String)}. When the consumer is called, the result is passed to the method in the class.

When the {@link Consumer} completes, the result is passed to the method in the class.

@param accessPolicies a consumer that will call methods on the instance of the String.Builder.
@return Returns a reference to this object so that method calls can be chained together.

@see #accessPolicies(String)",
"deprecated" : false,
"documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String.Builder(). When the Consumer completes, String.Builder#build() is called immediately and its result is passed to #accessPolicies(String). When the Consumer completes, String.Builder#build() is called immediately and its result is passed to #accessPolicies(String).

When the Consumer completes, String.Builder#build() is called immediately and its result is passed to #accessPolicies(String).

@param accessPolicies IAM access policy as a JSON-formatted string.
@return Returns a reference to this object so that method calls can be chained together.

@see #accessPolicies(String)",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string.

@see #accessPolicies(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "AccessPolicies",
"setterDocumentation": "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.",
"setterMethodName": "setAccessPolicies",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "accessPolicies",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "accessPolicies",
  "variableType": "String",
  "documentation": "<p>IAM access policy as a JSON-formatted string.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
  "beanStyleGetterMethodName": "getSnapshotOptions",
  "beanStyleSetterMethodName": "setSnapshotOptions",
  "c2jName": "SnapshotOptions",
  "c2jShape": "SnapshotOptions",
  "defaultConsumerFluentSetterDocumentation": "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>
@param snapshotOptions a consumer that will call methods on <code>SnapshotOptions.Builder</code> to create a <code>SnapshotOptions</code> instance. The <code>SnapshotOptions</code> object is then passed to the <code>snapshotOptions</code> method of the service. A <code>SnapshotOptions</code> object is then passed to the <code>snapshotOptions</code> method of the service. Returns a reference to this object so that method calls can be chained together.
@see #snapshotOptions(SnapshotOptions)",
  "deprecated": false,
  "documentation": "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.</p>"},
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. \n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.\n@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.",
"getterModel" : {
"returnType" : "SnapshotOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. \n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.\n@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
"variableDeclarationType" : "SnapshotOptions",
"variableName" : "snapshotOptions",
"variableType" : "SnapshotOptions",
"documentation" : null,
"simpleType" : "SnapshotOptions"}
"variableSetterType" : "SnapshotOptions",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlnsNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCOptions",
"defaultConsumerFluentSetterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>

This is a convenience that creates an instance of the {@link VPCOptions.Builder} avoiding the need to create one manually via {@link VPCOptions#builder()}. When the {@link Consumer} completes, {@link VPCOptions.Builder#build()} is called immediately and its result is passed to {@link #vpcOptions(VPCOptions)}.

@consumer a @param vpcOptions a consumer that will call methods on {@link VPCOptions.Builder}.

@return Returns a reference to this object so that method calls can be chained together. @see #vpcOptions(VPCOptions)",
"deprecated" : false,
"documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "vpcOptions"
"getterDocumentation": "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.</p>
@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.
",

"getterModel": {
  "returnType": "VPCOptions",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "VPCOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "VPCOptions",
  "uri": false
},

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": false,

"listModel": null,

"map": false,

"mapModel": null,

"marshallingType": "SDK_POJO",

"name": "VPCOptions",

"setterDocumentation": "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.</p>
@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.
",

"setterMethodName": "setVpcOptions",

"setterModel": {
  "variableDeclarationType": "VPCOptions",
  "variableName": "vpcOptions",
  "variableType": "VPCOptions",

"documentation": null,
"simpleType": "VPCOptions",
"variableSetterType": "VPCOptions"
}
,"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "VPCOptions",
"variableName": "vpcOptions",
"variableType": "VPCOptions",
"documentation": "<p>Options to specify the subnets and security groups for VPC endpoint. For more
information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-
creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service
Domains</i></p>",
"simpleType": "VPCOptions",
"variableSetterType": "VPCOptions"
},
"xmlnsNameSpaceUri": null
},
{
"beanStyleGetterMethodName": "getCognitoOptions",
"beanStyleSetterMethodName": "setCognitoOptions",
"c2jName": "CognitoOptions",
"c2jShape": "CognitoOptions",
"defaultConsumerFluentSetterDocumentation": "<p>Options to specify the Cognito user and identity pools for
Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for
Kibana</a>.

This is a convenience that creates an instance of the { CognitoOptions.Builder } avoiding
the need to create one manually via { CognitoOptions.Builder#builder() }. When the { Consumer } completes,
{ CognitoOptions.Builder#build() } is called immediately and its result is passed to { CognitoOptions
.Builder#setCognitoOptions(CognitoOptions) }.

@see #cognitoOptions(CognitoOptions)

@deprecated
"documentation": "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For
more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "cognitoOptions",
"fluentSetterDocumentation": "Options to specify the Cognito user and identity pools for
Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for
Kibana</a>.

@see #cognitoOptions(CognitoOptions)"
Kibana</a>.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"getterModel" : {
  "returnType" : "CognitoOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions"}
"documentation" : null,
"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>",
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
"beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
This is a convenience that creates an instance of the {@link EncryptionAtRestOptions.Builder} avoiding the need to create one manually via {@link EncryptionAtRestOptions#builder()}. When the {@link Consumer} completes, the method returns a reference to this object so that method calls can be chained together.
@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
  "getterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"getterModel" : {
  "returnType" : "EncryptionAtRestOptions",
  "documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EncryptionAtRestOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@param encryptionAtRestOptions Specifies the Encryption At Rest Options.

"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : "<p>Specifies the Encryption At Rest Options.</p>
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions"
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions. </p>
This is a convenience that creates an instance of the {@link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via {@link NodeToNodeEncryptionOptions#builder()}. When the {@link Consumer} completes, {@link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to {@link NodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. "param
nodeToNodeEncryptionOptions a consumer that will call methods on {@link
NodeToNodeEncryptionOptions.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the NodeToNodeEncryptionOptions. </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions. </p>
@param nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.\n@returns Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
"getterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions. </p>
@return Specifies the NodeToNodeEncryptionOptions.",
"getterModel" : {
    "returnType" : "NodeToNodeEncryptionOptions",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NodeToNodeEncryptionOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonDataValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
@param nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "deprecated" : false,
  "documentation" : "Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createupdatedomains-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

This is a convenience that creates an instance of the {@link Map<String,String>.Builder} avoiding the need to create one manually via {@link Map<String,String>#builder()}. When the {@link Consumer} completes, {@link Map<String,String>.Builder#build()} is called immediately and its result is passed to {@link advancedOptions(Map<String,String>)}. This is a consumer that will call methods on {@link Map<String,String>.Builder} to build a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createupdatedomains-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information."
createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank"">Configuration Advanced Options</a> for more information.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be 
<code>false</code> when configuring access to individual sub-resources. By default, the value is 
</p>
@param advancedOptions Option to allow references to indices in an HTTP request body. Must be 
<code>false</code> when configuring access to individual sub-resources. By default, the value is 
@return Returns a reference to this object so that method calls can be chained together.
"
"fluentSetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be 
<code>false</code> when configuring access to individual sub-resources. By default, the value is 

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Option to allow references to indices in an HTTP request body. Must be 
<code>false</code> when configuring access to individual sub-resources. By default, the value is 
"
"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
  "implType": "java.util.HashMap",
  "interfaceType": "java.util.Map",
  "keyLocationName": "key",
  "keyModel": {
    "beanStyleGetterMethodName": "getKey",
    "beanStyleSetterMethodName": "setKey",
    "c2jName": "key",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #key(String)}. @param key a consumer that will call methods on
{@link String.Builder}@return Returns a reference to this object so that method calls can be chained
together. @see #key(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "key",
  "fluentSetterDocumentation": "Sets the value of the Key property for this object.

The new value for the Key property for this object.@return Returns a reference to this object so that method calls can be
chained together.",
  "fluentSetterMethodName": "key",
  "getterDocumentation": "Returns the value of the Key property for this object.

The value of the Key property for this object.@return The value of the
Key property for this object.",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "key",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlnsNamespaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
    "beanStyleGetterMethodName" : "getValue",
    "beanStyleSetterMethodName" : "setValue",
    "c2jName" : "value",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via
When the `@link Consumer` completes, `@link String.Builder#build()` is called immediately and its result is passed to `@link value(String)`.

@see #value(String)

**getterDocumentation**

Returns the value of the Value property for this object.

**getterModel**

```json
{
  "returnType" : "String",
  "documentation" : null
}
```

**http**

```json
{
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
}
```

**idempotencyToken**

false

**isBinary**

false

**jsonValue**

false

**list**

false

**listModel**

null

**map**

false

**mapModel**

null

**marshallingType**

"STRING",

**name**

"Value",

**setterDocumentation**

Sets the value of the Value property for this object.

@see #value(String)

@deprecated false

**documentation**

"", null

**enumType**

null

**eventHeader**

false

**eventPayload**

false

**fluentEnumGetterMethodName**

null

**fluentEnumSetterMethodName**

null

**fluentGetMethod**

"value",

**fluentSetterMethodName**

"value",

**fluentSetterDocumentation**

Sets the value of the Value property for this object.

@see #value(String)

@param value The new value for the Value property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

@returns Returns a reference to this object so that method calls can be chained together.

@returns Returns a reference to this object so that method calls can be chained together.

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@returns Returns a reference to this object so that method calls can be chained together.

@returns Returns a reference to this object so that method calls can be chained together.
value for the Value property for this object."
"setterMethodName" : "setValue",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "value",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "value",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>",
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

@param advancedOptions Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information."
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
"variableDeclarationType" : "java.util.Map<String,String>",
"variableName" : "advancedOptions",
"variableType" : "java.util.Map<String,String>",
"documentation" : null,
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>",
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "value",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}
"variableDeclarationType" : "java.util.Map<String,String>",
"variableName" : "advancedOptions",
"variableType" : "java.util.Map<String,String>",
"documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be false when configuring access to individual sub-resources. By default, the value is true. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>",
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>",
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Map of LogType and LogPublishingOption, each containing options to publish a given type of Elasticsearch log.</p>

This is a convenience that creates an instance of the [Map<String,LogPublishingOption>.Builder] avoiding the need to create one manually via [Map<String,LogPublishingOption>#builder()]. When the [Map<String,LogPublishingOption>.Builder#build()] is called immediately and its result is passed to [Map<String,LogPublishingOption>], a consumer that will call methods on [Map<String,LogPublishingOption>].

@return Returns a reference to this object so that method calls can be chained together.
@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "Map of LogType and LogPublishingOption, each containing options to publish a given type of Elasticsearch log.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Map of LogType and LogPublishingOption, each containing options to publish a given type of Elasticsearch log.

Attempts to modify the collection returned by this method will result in an UnsupportedOperation exception.

@return Map of LogType and LogPublishingOption, each containing options to publish a given type of Elasticsearch log.

"getterDocumentation" : "Map of LogType and LogPublishingOption, each containing options to publish a given type of Elasticsearch log.";
"getterModel" : {
"returnType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "LogPublishingOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "LogPublishingOptions",
  "uri": false
},

"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
  "implType": "java.util.HashMap",
  "interfaceType": "java.util.Map",
  "keyLocationName": "key",
  "keyModel": {
    "beanStyleGetterMethodName": "getKeyAsString",
    "beanStyleSetterMethodName": "setKey",
    "c2jName": "key",
    "c2jShape": "LogType",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object. This is a convenience that creates an instance of the {\link String.Builder} avoiding the need to create one manually via {\link String#builder()}. When the {\link Consumer} completes, {\link String.Builder#build()} is called immediately and its result is passed to {\link #keyAsString(String)}\n@\param key a consumer that will call methods on {\link String.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
    "deprecated": false,
    "documentation": "",
    "enumType": "LogType",
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": "key",
    "fluentEnumSetterMethodName": "key",
    "fluentGetterMethodName": "keyAsString",
    "fluentSetterDocumentation": "Sets the value of the Key property for this object. The new value for the Key property for this object.\n@see LogType\n@returns Returns a reference to this object so that"}
method calls can be chained together.\n@see LogType",
   "getterMethodName" : "key",
   "getterDocumentation" : "Returns the value of the Key property for this object.\n<p>\nIf the service returns an enum value that is not available in the current SDK version, { @link #key } will return { @link LogType#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #keyAsString }\n</p>\n\n@return The value of the Key property for this object.\n@see LogType",
   "getterModel" : {
   "returnType" : "String",
   "documentation" : null
 },
   "http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "key",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "key",
   "uri" : false
 },
   "idempotencyToken" : false,
   "isBinary" : false,
   "jsonValue" : false,
   "list" : false,
   "listModel" : null,
   "map" : false,
   "mapModel" : null,
   "marshallingType" : "STRING",
   "name" : "Key",
   "setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n@see LogType",
   "setterMethodName" : "setKey",
   "setterModel" : {
   "variableDeclarationType" : "String",
   ".variableName" : "key",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
 },
   "simple" : true,
   "timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n
This is a convenience that creates an instance of the \{@link LogPublishingOption.Builder\} avoiding the need to create one manually via \{@link LogPublishingOption#builder()\}.\n
When the \{@link Consumer\} completes, \{@link LogPublishingOption.Builder#build()\} is called immediately and its result is passed to \{@link LogPublishingOption.Builder#value\} a consumer that will call methods on \{@link LogPublishingOption.Builder\} at\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n
The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the Value property for this object.",
  "getterModel" : {
    "returnType" : "LogPublishingOption",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object."
,"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>"",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",

"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of
<code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

```
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
    "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
    "variableName" : "logPublishingOptions",
    "variableType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : null,
    "simpleType" : "Map<String,LogPublishingOption>",
    "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
}
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
    "variableName" : "logPublishingOptions",
    "variableType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
        "variableName" : "logPublishingOptions",
        "variableType" : "java.util.Map<String,LogPublishingOption>",
        "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
        "simple" : false,
        "timestampFormat" : null
    }
}
"membersAsMap" : {
    "AccessPolicies" : {
        "beanStyleGetterMethodName" : "getAccessPolicies",
        "beanStyleSetterMethodName" : "setAccessPolicies",
        "c2jName" : "AccessPolicies",
        "c2jShape" : "PolicyDocument",
        "documentation" : "IAM access policy as a JSON-formatted string.
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.

When the {@link Consumer} completes, the result is passed to the @link #accessPolicies(String) method.

@see #accessPolicies(String)"
    }
}
"defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>"
"deprecated" : false,
"documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>"
"@param accessPolicies IAM access policy as a JSON-formatted string.
:return Returns a reference to this object so that method calls can be chained together.
@see #accessPolicies(String)"
"fluentSetterMethodName" : "accessPolicies"
"getterDocumentation": "<p> IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string."
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "AccessPolicies",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "AccessPolicies",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "AccessPolicies",
"setterDocumentation": "<p> IAM access policy as a JSON-formatted string.</p>
@param accessPolicies
IAM access policy as a JSON-formatted string."
"setterMethodName": "setAccessPolicies",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "accessPolicies",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "accessPolicies",
  "variableType": "String"
"documentation": ",<p> IAM access policy as a JSON-formatted string.</p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"AdvancedOptions": {
"beanStyleGetterMethodName": "getAdvancedOptions",
"beanStyleSetterMethodName": "setAdvancedOptions",
"c2jName": "AdvancedOptions",
"c2jShape": "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation": ",<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

This is a convenience that creates an instance of the [link Map, avoidance of the need to create one manually via [link Map,Builder()}. When the [link Consumer] completes, [link Map,Builder#build()] is called immediately and its result is passed to [link #advancedOptions(Map,Builder)]: a consumer that will call methods on [link Map,Builder] and the compiler will insert the call to @return Returns a reference to this object so that method calls can be chained together. A reference to this object so that method calls can be chained together.",
"deprecated": false,
"documentation": ",<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "advancedOptions",
"fluentSetterDocumentation": ",<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

When the [link Parameter] completes, [link Map,Builder#build()] is called immediately and its result is passed to [link #advancedOptions(Map,Builder)]: a consumer that will call methods on [link Map,Builder] and the compiler will insert the call to @return Returns a reference to this object so that method calls can be chained together.",
"getterDocumentation": ",<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

When the [link Parameter] completes, [link Map,Builder#build()] is called immediately and its result is passed to [link #advancedOptions(Map,Builder)]: a consumer that will call methods on [link Map,Builder] and the compiler will insert the call to @return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodname": "advancedOptions",
"getterDocumentation": ",<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

When the [link Parameter] completes, [link Map,Builder#build()] is called immediately and its result is passed to [link #advancedOptions(Map,Builder)]: a consumer that will call methods on [link Map,Builder] and the compiler will insert the call to @return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodname": "advancedOptions",
"getterDocumentation": ",<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

When the [link Parameter] completes, [link Map,Builder#build()] is called immediately and its result is passed to [link #advancedOptions(Map,Builder)]: a consumer that will call methods on [link Map,Builder] and the compiler will insert the call to @return Returns a reference to this object so that method calls can be chained together."}
Attempts to modify the collection returned by this method will result in an UnsupportedOperation exception.

@return Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}.

@see #key(String)"
  }
},
"isStreaming" : false,
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "key",
"fluentSetterDocumentation": "Sets the value of the Key property for this object.\n\n@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "key",
"getterDocumentation": "Returns the value of the Key property for this object.\n\n@returns The value of the Key property for this object.",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "key",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "key",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.\n\n@returns The new value for the Key property for this object.",
"setterMethodName": "setKey",
"setterModel": {
"variableDeclarationType": "String"
"variableName" : "key",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this
object. This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create
one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link
String.Builder#build()\} is called immediately and its result is passed to \{@link #value(String)\}. @param value a
consumer that will call methods on \{@link String.Builder\}\n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together."
},
"fluentSetterMethodName" : "value",
"fluentGetterDocumentation" : "Returns the value of the Value property for this object."
"returnType" : "String",
"documentation" : null
},

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"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "value",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "value",
  "uri": false
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"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object."
  "setterMethodId": "setValue",
  "setterModel": {
    "variableDeclarationType": "String",
    "variableName": "value",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
  },
  "simple": true,
  "timestampFormat": null,
  "variable": {
    "variableDeclarationType": "String",
    "variableName": "value",
    "variableType": "String",
    "documentation": "",
    "simpleType": "String",
    "variableSetterType": "String"
  },
  "xmlNameSpaceUri": null}
}
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>
",
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be 
<code>false</code> when configuring access to individual sub-resources. By default, the value is 
<code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>
@param advancedOptions Option to allow references to indices 
in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By 
default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-
service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>",
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
   "variableDeclarationType" : "java.util.Map<String,String>",
   "variableName" : "advancedOptions",
   "variableType" : "java.util.Map<String,String>",
   "documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be 
<code>false</code> when configuring access to individual sub-resources. By default, the value is 
<code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>
",}
the need to create one manually via {@link CognitoOptions#builder()}. When the {@link Consumer} completes, [{@link CognitoOptions.Builder#build()}] is called immediately and its result is passed to [{@link CognitoOptions(CognitoOptions)}].

When the {@link Consumer} completes, [{@link CognitoOptions.Builder#build()}] is called immediately and its result is passed to [{@link CognitoOptions(CognitoOptions)}].

@see #cognitoOptions(CognitoOptions)

"deprecated" : false,
"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetMethod" : null,
"fluentEnumSetMethodName" : null,
"fluentGetMethod" : "cognitoOptions",
"fluentSetDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>

"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>

"getterModel" : {
   "returnType" : "CognitoOptions",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "CognitoOptions",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "CognitoOptions",
   "uri" : false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see \[Amazon Cognito Authentication for Kibana\](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see \[Amazon Cognito Authentication for Kibana\](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},
"DomainName" : {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "The name of the Elasticsearch domain that you are creating. Domain names must be unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen)."\n\nThis is a convenience that creates an instance of the \[:link\ String.Builder\] avoiding the need to
create one manually via `String#builder()`. When the `String.Builder#build()` is called immediately and its result is passed to `domainName(String)`. When the `domainName a consumer that will call methods on String.Builder`.

@link #domainName(String)

- @return Returns a reference to this object so that method calls can be chained together.

- @param domainName a consumer that will call methods on String.Builder

- @see #domainName(String)

- @deprecated : false,

- "documentation" : "&lt;p&gt;The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).&lt;/p&gt;",

- "enumType" : null,

- "eventHeader" : false,

- "eventPayload" : false,

- "fluentEnumGetterMethodName" : null,

- "fluentEnumSetterMethodName" : null,

- "fluentGetterMethodName" : "domainName",

- "fluentSetterDocumentation" : "&lt;p&gt;The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).&lt;/p&gt; &lt;p&gt;@return Returns a reference to this object so that method calls can be chained together. &lt;/p&gt;",

- "fluentSetterMethodName" : "domainName",

- "getterDocumentation" : "&lt;p&gt;The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).&lt;/p&gt; &lt;p&gt;@return The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).&lt;/p&gt;",

- "getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

- "http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
},

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",

"setterDocumentation" : 
"The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : 
  "The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"xmlNameSpaceUri" : null

"EBSOptions" : {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : 
  "Options to enable, disable and specify the type and size of EBS storage volumes. This is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions#builder()}. When the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link #ebsOptions(EBSOptions)}.",
  "@param ebsOptions a consumer that will call methods on { @link

EBSOptions.Builder\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #ebsOptions(EBSOptions)"
        ,
        "deprecated" : false,
        "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "ebsOptions",
        "fluentSetterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage
volumes. </p>
@param ebsOptions Options to enable, disable and specify the type and size of EBS storage
volumes.
@return Returns a reference to this object so that method calls can be chained together.
",
        "fluentSetterMethodName" : "ebsOptions",
        "getterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>
@return Options to enable, disable and specify the type and size of EBS storage volumes.
",
        "getterModel" : {
            "returnType" : "EBSOptions",
            "documentation" : null
        },
        "http" : {
            "additionalMarshallingPath" : null,
            "additionalUnmarshallingPath" : null,
            "flattened" : false,
            "greedy" : false,
            "header" : false,
            "isPayload" : false,
            "isStreaming" : false,
            "location" : null,
            "marshallLocation" : "PAYLOAD",
            "marshallLocationName" : "EBSOptions",
            "queryString" : false,
            "statusCode" : false,
            "unmarshallLocationName" : "EBSOptions",
            "uri" : false
        },
        "idempotencyToken" : false,
        "isBinary" : false,
        "jsonValue" : false,
        "list" : false,
        "listModel" : null,
        "map" : false,
        "mapModel" : null,
        "marshallingType" : "SDK_POJO",
        "name" : "EBSOptions",
        "setterDocumentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>
@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.
",
        "setterModel" : {
            "returnType" : "EBSOptions",
            "documentation" : null
        }
    },
"setterMethodName" : "setEbsOptions",
"setterModel" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptions",
    "documentation" : null,
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "EBSOptions",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptions",
    "documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.\n</p>",
    "simpleType" : "EBSOptions",
    "variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchClusterConfig" : {
    "beanStyleGetterMethodName" : "getElasticsearchClusterConfig",
    "beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
    "c2jName" : "ElasticsearchClusterConfig",
    "c2jShape" : "ElasticsearchClusterConfig",
    "defaultConsumerFluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. \n</p>
This is a convenience that creates an instance of the \{ @link ElasticsearchClusterConfig.Builder \} avoiding the need to create one manually via \{ @link ElasticsearchClusterConfig#builder() \}.\nWhen the \{ @link Consumer \} completes, \{ @link ElasticsearchClusterClusterConfig.Builder#build() \} is called immediately and its result is passed to \{ @link #elasticsearchClusterConfig(ElasticsearchClusterConfig) \}.\n\n@param elasticsearchClusterConfig a consumer that will call methods on \{ @link ElasticsearchClusterClusterConfig.Builder\}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)"
},
"deprecated" : false,
"documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. \n</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. \n\n@param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.\n\n@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName": "elasticsearchClusterConfig",
"getterDocumentation": "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>@return Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. 
",
"getterModel": [
  "returnType": "ElasticsearchClusterConfig",
  "documentation": null
],
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "ElasticsearchClusterConfig",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "ElasticsearchClusterConfig",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "ElasticsearchClusterConfig",
"setterDocumentation": "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>@param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.
",
"setterMethodName": "setElasticsearchClusterConfig",
"setterModel": {
  "variableDeclarationType": "ElasticsearchClusterConfig",
  "variableName": "elasticsearchClusterConfig",
  "variableType": "ElasticsearchClusterConfig",
  "documentation": null,
  "simpleType": "ElasticsearchClusterConfig",
  "variableSetterType": "ElasticsearchClusterConfig"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType" : "ElasticsearchClusterConfig",
"variableName" : "elasticsearchClusterConfig",
"variableType" : "ElasticsearchClusterConfig",
"documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>",
"simpleType" : "ElasticsearchClusterConfig",
"variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchVersion" : {
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide</i>.\n<p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchVersion(String)}.\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide</i>.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(String)
"",
"deprecated" : false,
"documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide</i>.\n
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide</i>.\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains\" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide</i>.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(String)"
Creating Elasticsearch Domains in the Amazon Elasticsearch Service Developer Guide.

```javascript
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. "1.5" or "2.3". For more information, see [Creating Elasticsearch Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains) in the Amazon Elasticsearch Service Developer Guide.

```

```javascript
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
```
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : 
  "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the Amazon Elasticsearch Service Developer Guide</p>.
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
},
"EncryptionAtRestOptions" : {
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : 
  "<p>Specifies the Encryption At Rest Options.</p>
  This is a convenience that creates an instance of the @link EncryptionAtRestOptions.Builder avoiding the need to create one manually via @link EncryptionAtRestOptions#builder().\n  When the @link Consumer completes, @link EncryptionAtRestOptions.Builder#build() is called immediately and its result is passed to @link EncryptionAtRestOptions(EncryptionAtRestOptions) a consumer that will call methods on @link EncryptionAtRestOptions.Builder\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #encryptionAtRestOptions(EncryptionAtRestOptions)",
  "deprecated" : false,
  "documentation" : 
  "<p>Specifies the Encryption At Rest Options.</p>\n"
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "encryptionAtRestOptions",
  "fluentSetterDocumentation" : 
  "<p>Specifies the Encryption At Rest Options.</p>
  @param encryptionAtRestOptions Specifies the Encryption At Rest Options.\n  @return Returns a reference to this object so that method calls can be chained together.",
  "getterDocumentation" : 
  "<p>Specifies the Encryption At Rest Options.</p>\n"
  "getterModel" : {
    "returnType" : "EncryptionAtRestOptions",
    "documentation" : null
"
"http": {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the Encryption At Rest Options.</p>
@param encryptionAtRestOptions Specifies the Encryption At Rest Options.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
"LogPublishingOptions" : {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log. This is a convenience that creates an instance of the [{@link Map<String,LogPublishingOption>}.Builder] avoiding the need to create one manually via [{@link Map<String,LogPublishingOption>#builder}]. When the [{@link Consumer}]. completes, [{@link Map<String,LogPublishingOption>#build}] is called immediately and its result is passed to [{@link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}. Returns a reference to this object so that method calls can be chained together. See [{@link #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)}]."
  "deprecated" : false,
  "documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "logPublishingOptions",
  "fluentEnumSetterMethodName" : "logPublishingOptions",
  "fluentGetterMethodName" : "logPublishingOptionsAsStrings",
  "fluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>
  "getterDocumentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
  "getterModel" : {
    "returnType" : "java.util.Map<String,LogPublishingOption>",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
    "implType" : "java.util.HashMap",
    "interfaceType" : "java.util.Map",
    "keyLocationName" : "key",
    "keyModel" : {
        "beanStyleGetterMethodName" : "getKeyAsString",
        "beanStyleSetterMethodName" : "setKey",
        "c2jName" : "key",
        "c2jShape" : "LogType",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String.Builder#builder()}.\n\nWhen the { @link Consumer} completes, { @link String.Builder#build() } is called
immediately and its result is passed to { @link #keyAsString(String) }.\n\n@deprecated\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
    "documentation" : "",
    "enumType" : "LogType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "key",
    "fluentEnumSetterMethodName" : "key",
    "fluentGetterMethodName" : "keyAsString",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@deprecated\n\n@see LogType\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see LogType",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n\nIf the service returns an enum value that is not available in the current SDK version, { @link #key} will return
{ @link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from
{ @link #keyAsString}.\n\n@deprecated\n\n@see LogType\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see LogType",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    }
}
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "key",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "key",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.

@see LogType",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the [@link LogPublishingOption.Builder] avoiding the need to create one manually via [@link LogPublishingOption#builder()]. When the [@link Consumer] completes, [@link LogPublishingOption.Builder#build()] is called immediately and its result is passed to [@link LogPublishingOption#.value(LogPublishingOption)]. @param value a consumer that will call methods on [@link LogPublishingOption.Builder] @return Returns a reference to this object so that method calls can be chained together. @see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "eventType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.

When the [@link Consumer] completes, [@link LogPublishingOption.Builder#build()] is called immediately and its result is passed to [@link LogPublishingOption#.value(LogPublishingOption)]. @param value a consumer that will call methods on [@link LogPublishingOption.Builder] @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.

When the [@link Consumer] completes, [@link LogPublishingOption.Builder#build()] is called immediately and its result is passed to [@link LogPublishingOption#.value(LogPublishingOption)]. @return The value of the Value property for this object.",
  "getterModel" : {
    "returnType" : "LogPublishingOption",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
  },
  "idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>\n@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>"
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>"
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>"
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
"variable" : {
  "variableDeclarationType" : "java.util.Map<String, LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String, LogPublishingOption>",
  "documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
  "simpleType" : "Map<String, LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String, LogPublishingOption>"
},
"xmlNameSpaceUri" : null,
"NodeToNodeEncryptionOptions" : {
  "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
  "c2jName" : "NodeToNodeEncryptionOptions",
  "c2jShape" : "NodeToNodeEncryptionOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
This is a convenience that creates an instance of the NodeToNodeEncryptionOptions.Builder avoiding the need to create one manually via NodeToNodeEncryptionOptions#builder().
When the Consumer completes, NodeToNodeEncryptionOptions.Builder#build() is called immediately and its result is passed to a consumer that will call methods on NodeToNodeEncryptionOptions.Builder.

@returns a reference to this object so that method calls can be chained together.

@see NodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
  "fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
@param nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.
@return Returns a reference to this object so that method calls can be chained together.
"}
},
"http" : {
  "additionalMarshallingPath" : null,
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NodeToNodeEncryptionOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NodeToNodeEncryptionOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlnsSpaceUri" : null
},
"SnapshotOptions" : {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "SnapshotOptions",
  "setterDocumentation" : "<p>Specifies the SnapshotOptions.
@returns the SnapshotOptions.
",
  "setterMethodName" : "setSnapshotOptions",
  "setterModel" : {
    "variableDeclarationType" : "SnapshotOptions",
    "variableName" : "snapshotOptions",
    "variableType" : "SnapshotOptions",
    "documentation" : "<p>Specifies the SnapshotOptions.</p>",
    "simpleType" : "SnapshotOptions",
    "variableSetterType" : "SnapshotOptions"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "SnapshotOptions",
    "variableName" : "snapshotOptions",
    "variableType" : "SnapshotOptions",
    "documentation" : "<p>Specifies the SnapshotOptions.
@returns the SnapshotOptions.
",
    "simpleType" : "SnapshotOptions",
    "variableSetterType" : "SnapshotOptions"
  }
}
"beanStyleSetterMethodName" : "setSnapshotOptions",
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>This is a convenience that creates an instance of the {@link SnapshotOptions.Builder} avoiding the need to create one manually via {@link SnapshotOptions#builder()}. When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to a consumer that will call methods on a consumer that will call methods on a Consumer. returns a reference to this object so that method calls can be chained together. @see #snapshotOptions(SnapshotOptions)",
"deprecated" : false,
"documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>
@see #snapshotOptions(SnapshotOptions)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>
@see #snapshotOptions(SnapshotOptions)",
"getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>
@see #snapshotOptions(SnapshotOptions)",
"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},

"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "SnapshotOptions",
"setterDocumentation": "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.
@par
@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours."

"setterMethodName": "setSnapshotOptions",
"setterModel": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": null,
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours."
},
"xmlNameSpaceUri": null
},
"VPCOptions": {
  "beanStyleGetterMethodName": "getVpcOptions",
  "beanStyleSetterMethodName": "setVpcOptions",
  "c2jName": "VPCOptions",
  "c2jShape": "VPCOptions",
  "defaultConsumerFluentSetterDocumentation": "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target=_blank>Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

This is a convenience that creates an instance of the {VPCOptions.Builder} avoiding the need to create one manually via {VPCOptions#builder()}. When the {Consumer} completes, {VPCOptions.Builder#build()} is called immediately and its result is passed to {VPCOptions(vpcOptions)}.

@par
@param vpcOptions a consumer that will call methods on {VPCOptions.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #vpcOptions(VPCOptions)"}
"deprecated" : false,
"documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\n</p>\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\n\n@return Returns a reference to this object so that method calls can be chained together.\n</p>
"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\n\n@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\n</p>
"getterModel" : {
	"returnType" : "VPCOptions",
	"documentation" : null
},
"http" : {
	"additionalMarshallingPath" : null,
	"additionalUnmarshallingPath" : null,
	"flattened" : false,
	"greedy" : false,
	"header" : false,
	"isPayload" : false,
	"isStreaming" : false,
	"location" : null,
	"marshallLocation" : "PAYLOAD",
	"marshallLocationName" : "VPCOptions",
	"queryString" : false,
	"statusCode" : false,
	"unmarshallLocationName" : "VPCOptions",
	"uri" : false
},
"idempotencyToken" : false,
Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains

```xml

"setterMethodName" : "setVpcOptions",
"setterModel" : {
    "variableDeclarationType" : "VPCOptions",
    "variableName" : "vpcOptions",
    "variableType" : "VPCOptions",
    "documentation" : null,
    "simpleType" : "VPCOptions",
    "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "VPCOptions",
    "variableName" : "vpcOptions",
    "variableType" : "VPCOptions",
    "documentation" : null,
    "simpleType" : "VPCOptions",
    "variableSetterType" : "VPCOptions"
},
"xmlNameSpaceUri" : null
}


```

The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and -
This is a convenience that creates an instance of the `{@link String.Builder}` avoiding the need to create one manually via `{@link String#builder()}`. When the `{@link Consumer}` completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #domainName(String)}`. Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)
The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).<p>

@<param domainName

The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>

The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).<p>

The name of the Elasticsearch domain that you are creating. Domain names are unique across the domains owned by an account within an AWS region. Domain names must start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>
the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #elasticsearchVersion(String)\}. @param elasticsearchVersion a consumer that will call methods on \{@link String.Builder\}.

@code
@<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>

@code
@Deprecated
@documentation<br/p>
@returns <p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>

@code
@enumType
@eventHeader
@eventPayload
@fluentEnumGetterMethodName
@fluentEnumSetterMethodName
@fluentGetterMethodName
@fluentSetterDocumentation<br/p>
@returns <p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>

@code
@getterDocumentation<br/p>
@returns <p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.</p>

@code
@getterModel
@http
@additionalMarshallingPath
@additionalUnmarshallingPath
@flattened
@greedy
@header
@isPayload
@isStreaming
@location
@marshallLocation
@marshallLocation

---

**Open Source Used In Data Center Network Manager 11 11.5(4) 22905**
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.\</p>\n@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.\n",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "elasticsearchVersion",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "elasticsearchVersion",
"variableType" : "String",
"documentation" : "String of format X.Y to specify version for the Elasticsearch domain eg. \"1.5\" or \"2.3\". For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomains" target="_blank">Creating Elasticsearch Domains</a> in the <i>Amazon Elasticsearch Service Developer Guide</i>.\n",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
},
"beanStyleSetterMethodName" : "setElasticsearchClusterConfig",
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. This is a convenience that creates an instance of the {@link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via {@link ElasticsearchClusterConfig#builder()}. When the {@link Consumer} completes, {@link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchClusterConfig(ElasticsearchClusterConfig)}.

When the {@link Consumer} completes, {@link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchClusterConfig(ElasticsearchClusterConfig)}.

@deprecated" : false,
"documentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchClusterConfig",
"fluentSetterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>
@param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.
@return Returns a reference to this object so that method calls can be chained together.
@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)"
"fluentSetterMethodName" : "elasticsearchClusterConfig",
"getterDocumentation" : "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>
@return Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster.
@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)"
"getterModel" : {
"returnType" : "ElasticsearchClusterConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchClusterConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "ElasticsearchClusterConfig",
"setterDocumentation": "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>
@param elasticsearchClusterConfig Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. 

@return Returns a reference to this object so that method calls can be chained together.
@see #elsOptions(EBSOptions)",
"setterMethodName": "setElasticsearchClusterConfig",
"setterModel": {
 "variableDeclarationType": "ElasticsearchClusterConfig",
 "variableName": "elasticsearchClusterConfig",
 "variableType": "ElasticsearchClusterConfig",
 "documentation": null,
 "simpleType": "ElasticsearchClusterConfig",
 "variableSetterType": "ElasticsearchClusterConfig"
},
"simple": false,
"timestampFormat": null,
"variable": {
 "variableDeclarationType": "ElasticsearchClusterConfig",
 "variableName": "elasticsearchClusterConfig",
 "variableType": "ElasticsearchClusterConfig",
 "documentation": "<p>Configuration options for an Elasticsearch domain. Specifies the instance type and number of instances in the domain cluster. </p>
If this is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions#builder()}.

When the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link EBSOptions.Builder#build()}.

@see #elsOptions(EBSOptions)",
"variableMethodName": "getEbsOptions",
"variableSetterMethodName": "setEbsOptions",
"c2jName": "EBSOptions",
"c2jShape": "EBSOptions",
"defaultConsumerFluentSetterDocumentation": "<p>Options to enable, disable and specify the type and size of EBS storage volumes. 
<@link EBSOptions.Builder} avoids the need to create one manually via { @link EBSOptions#builder()}.

When the { @link Consumer} completes, { @link EBSOptions.Builder#build()} is called immediately and its result is passed to { @link EBSOptions.Builder#build()}.

@see #elsOptions(EBSOptions)",
"deprecated": false,
"documentation": "<p>Options to enable, disable and specify the type and size of EBS storage volumes. </p>
@see #elsOptions(EBSOptions)",
"enumType": null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "Options to enable, disable and specify the type and size of EBS storage volumes.
@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "Options to enable, disable and specify the type and size of EBS storage volumes.

@return Options to enable, disable and specify the type and size of EBS storage volumes.",
"getterModel" : {
"returnType" : "EBSOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EBSOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EBSOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "Options to enable, disable and specify the type and size of EBS storage volumes.
@param ebsOptions Options to enable, disable and specify the type and size of EBS storage volumes.
",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
"variableDeclarationType" : "EBSOptions",
"variableName" : "ebsOptions",
"variableType" : "EBSOptions",
"documentation" : null
}
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "EBSOptions",
"variableName" : "ebsOptions",
"variableType" : "EBSOptions",
"documentation" : "<p>Options to enable, disable and specify the type and size of EBS storage volumes.
</p>",
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getAccessPolicies",
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "PolicyDocument",
"defaultConsumerFluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #accessPolicies(String)}.\n\n@param accessPolicies a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #accessPolicies(String)",
"deprecated" : false,
"documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>
\n\n@param accessPolicies IAM access policy as a JSON-formatted string.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #accessPolicies(String)",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>\n\n\n@return IAM access policy as a JSON-formatted string.\n\n@see #accessPolicies(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "AccessPolicies",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "AccessPolicies",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "AccessPolicies",
"setterDocumentation": "<p>IAM access policy as a JSON-formatted string.\</p>\n@param accessPolicies IAM access policy as a JSON-formatted string.\</p>",
"setterMethodName": "setAccessPolicies",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "accessPolicies",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "accessPolicies",
  "variableType": "String",
  "documentation": "<p>IAM access policy as a JSON-formatted string.\</p>\n",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getSnapshotOptions",
"beanStyleSetterMethodName": "setSnapshotOptions",
"c2jName": "SnapshotOptions",
"c2jShape": "SnapshotOptions"
"defaultConsumerFluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>
This is a convenience that creates an instance of theSnapshotOptions.Builder] avoiding the need to create one manually via { @link SnapshotOptions#builder() }.<br />
When the [ @link Consumer] completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link snapshotOptions(SnapshotOptions)}.<br />
@param snapshotOptions a consumer that will call methods on { @link SnapshotOptions.Builder}<br />
@return Returns a reference to this object so that method calls can be chained together.<br />
@see #snapshotOptions(SnapshotOptions)",
"deprecated" : false,
"documentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>
@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. </p>
@return Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.
"getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flatnamed" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
"setterDocumentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours. 
\n@param snapshotOptions Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours.",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours."
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "Option to set time, in UTC format, of the daily automated snapshot. Default value is 0 hours."
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCOptions",
"defaultConsumerFluentSetterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc).
This is a convenience that creates an instance of the `VPCOptions.Builder` avoiding the need to create one manually via `VPCOptions#builder()`. When the `VPCOptions.Builder#build()` is called immediately and its result is passed to a consumer that will call methods on the `VPCOptions.Builder`. Returns a reference to this object so that method calls can be chained together."
,"deprecated" : false,
"documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc) in [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc). "}
Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

```java
@Return

public VPCOptions vpcOptions();
```

Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

```java
@Return

public VPCOptions vpcOptions();
```

Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

```java
@Return

public VPCOptions vpcOptions();
```

Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

```java
@Return

public VPCOptions vpcOptions();
```
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>
@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>
@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.<i>

This is a convenience that creates an instance of the <a href="#link CognitoOptions.Builder"></a> avoiding the need to create one manually via <a href="#link CognitoOptions.Builder#builder()">CognitoOptions.Builder</a> when the <a href="#link Consumer">Consumer</a> completes, <a href="#link CognitoOptions.Builder#build()">CognitoOptions.Builder#build()</a> is called immediately and its result is passed to <a href="#link CognitoOptions(CognitoOptions)">CognitoOptions</a> a consumer that will call methods on <a href="#link CognitoOptions.Builder">CognitoOptions.Builder</a> <a href="#param cognitoOptions(CognitoOptions)">@param cognitoOptions(CognitoOptions)</a>.

@see <a href="#cognitoOptions(CognitoOptions)">cognitoOptions(CognitoOptions)</a>
"
"deprecated" : false,
"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. 

@returns {CognitoOptions} Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@returns Returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
"returnType" : "CognitoOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CognitoOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CognitoOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).}

**setterMethodName** : "setCognitoOptions",

**setterModel** : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},

"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},

"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
"beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptions",
"defaultConsumerFluentSetterDocumentation" : "Specifies the Encryption At Rest Options. This is a convenience that creates an instance of the EncryptionAtRestOptions.Builder avoiding the need to create one manually via EncryptionAtRestOptions.Builder(). When the Consumer completes, EncryptionAtRestOptions.Builder#build() is called immediately and its result is passed to EncryptionAtRestOptions a consumer that will call methods on EncryptionAtRestOptions.Builder@return Returns a reference to this object so that method calls can be chained together." see EncryptionAtRestOptions(EncryptionAtRestOptions)",

"deprecated" : false,
"documentation" : "Specifies the Encryption At Rest Options."
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentSetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "\n\n@specifies the encryption at rest options.
\n\n@returns a reference to this object so
that method calls can be chained together.",
"getterDocumentation" : "\n\n@specifies the encryption at rest options.
\n\n@returns specifies the encryption at rest options.
",
"getterModel" : {
"returnType" : "EncryptionAtRestOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EncryptionAtRestOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "\n\n@specifies the encryption at rest options.
\n\n@param encryptionAtRestOptions specifies the encryption at rest options.
",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
"variableDeclarationType" : "EncryptionAtRestOptions",
"variableName" : "encryptionAtRestOptions",
"variableType" : "EncryptionAtRestOptions",
"documentation" : null,
"simpleType" : "EncryptionAtRestOptions",
"variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "EncryptionAtRestOptions",
"variableName" : "encryptionAtRestOptions",
"variableType" : "EncryptionAtRestOptions",
"documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
"simpleType" : "EncryptionAtRestOptions",
"variableSetterType" : "EncryptionAtRestOptions"
},
"xmlnsNamespaceUri" : null
}, {
"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
This is a convenience that creates an instance of the {@link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via {@link NodeToNodeEncryptionOptions#builder()}. When the {@link Consumer} completes, {@link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to {@link NodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. This is a param
nodeToNodeEncryptionOptions a consumer that will call methods on {@link NodeToNodeEncryptionOptions.Builder}.
@returns returns a reference to this object so that method calls can be chained together.
@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)",
"deprecated" : false,
"documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
@param nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.
@returns returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nodeToNodeEncryptionOptions",
"getterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>
@param NodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.
@returns Returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
"returnType" : "NodeToNodeEncryptionOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flatten" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NodeToNodeEncryptionOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NodeToNodeEncryptionOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the NodeToNodeEncryptionOptions.
@param
nodeToNodeEncryptionOptions Specifies the NodeToNodeEncryptionOptions.
</p>\n@param nodeToNodeEncryptionOptions
setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : "<p>Specifies the NodeToNodeEncryptionOptions.</p>\n@p>",
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions"
"c2jShape" : "AdvancedOptions",

"defaultConsumerFluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

This is a convenience that creates an instance of the {@link Map<String,String>.Builder} avoiding the need to create one manually via {@link Map<String,String>#builder()}.

When the {@link Consumer} completes, {@link Map<String,String>.Builder#build()} is called immediately and its result is passed to {@link #advancedOptions(Map<String,String>)}. Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,

"documentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

This is a convenience that creates an instance of the {@link Map<String,String>.Builder} avoiding the need to create one manually via {@link Map<String,String>#builder()}.

When the {@link Consumer} completes, {@link Map<String,String>.Builder#build()} is called immediately and its result is passed to {@link #advancedOptions(Map<String,String>)}. Returns a reference to this object so that method calls can be chained together.

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "advancedOptions",

"fluentSetterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

Returns a reference to this object so that method calls can be chained together.

"getterDocumentation" : "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

Returns a reference to this object so that method calls can be chained together.

"getterModel" : {

"returnType" : "java.util.Map<String,String>",

"documentation" : null
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link String#builder}().\n\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@see #key(String)",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n\n@see #key(String)",
  }
}
chained together.

    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.
    @return The value of the Key property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "key",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "key",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Key",
    "setterDocumentation" : "Sets the value of the Key property for this object.
    @param key The new value for the Key property for this object.",
    "setterMethodName" : "setKey",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "key",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #value(String)}. Returns a reference to this object so that method calls can be chained
together. 
@see #value(String)

{}
"marshallLocationName": "value",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "value",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.",
"setterMethodName": "setValue",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"entryType": "Map.Entry<String, String>",
"templateType": "java.util.Map<String, String>"
},
"marshallingType": "MAP",
"name": "AdvancedOptions",
"setterDocumentation": "<p> Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information. </p>@param advancedOptions Option to allow references to indices"}
in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

```
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "Option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information."
}
```

in a HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

```java

```

```
"fluentEnumGetterMethodName": "logPublishingOptions",
"fluentEnumSetterMethodName": "logPublishingOptions",
"fluentGetterMethodName": "logPublishingOptionsAsStrings",
"fluentSetterDocumentation": "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "logPublishingOptionsWithStrings",
"getterDocumentation": "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>\n\n\n\n\n\n\n\n\n\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.
\n@return Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
",
"getterModel": {
"returnType": "java.util.Map<String,LogPublishingOption>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "LogPublishingOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "LogPublishingOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
"implType": "java.util.HashMap",
"interfaceType": "java.util.Map",
"keyLocationName": "key",
"keyModel": {
"beanStyleGetterMethodName": "getKeyAsString",
"beanStyleSetterMethodName": "setKey",
"c2jName": "key",
"c2jShape": "LogType",
"c2jType": null,
"isEnum": false,
"isList": true,
"isMap": false,
"isSet": false,
"isUnion": false,
"jsonValue": false,
"listModel": null,
"map": false,
"mapModel": null,
"mapModel": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "LogPublishingOptions",
"marshaller": null,
"marshallLocationName": "LogPublishingOptions",
"unmarshaller": null,
"unmarshallLocationName": "LogPublishingOptions",
"uri": false
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "LogPublishingOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "LogPublishingOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
"implType": "java.util.HashMap",
"interfaceType": "java.util.Map",
"keyLocationName": "key",
"keyModel": {
"beanStyleGetterMethodName": "getKeyAsString",
"beanStyleSetterMethodName": "setKey",
"c2jName": "key",
"c2jShape": "LogType",
"c2jType": null,
"isEnum": false,
"isList": true,
"isMap": false,
"isSet": false,
"isUnion": false,
"jsonValue": false,
"listModel": null,
"map": false,
"mapModel": null,
"mapModel": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "LogPublishingOptions",
"marshaller": null,
"marshallLocationName": "LogPublishingOptions",
"unmarshaller": null,
"unmarshallLocationName": "LogPublishingOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
"implType": "java.util.HashMap",
"interfaceType": "java.util.Map",
"keyLocationName": "key",
"keyModel": {
"beanStyleGetterMethodName": "getKeyAsString",
"beanStyleSetterMethodName": "setKey",
"c2jName": "key",
"c2jShape": "LogType",
"c2jType": null,
"isEnum": false,
"isList": true,
"isMap": false,
"isSet": false,
"isUnion": false,
"jsonValue": false,
"listModel": null,
"map": false,
"mapModel": null,
"mapModel": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "LogPublishingOptions",
"marshaller": null,
"marshallLocationName": "LogPublishingOptions",
"unmarshaller": null,
"unmarshallLocationName": "LogPublishingOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
"implType": "java.util.HashMap",
"interfaceType": "java.util.Map",
"keyLocationName": "key",
"keyModel": {
"beanStyleGetterMethodName": "getKeyAsString",
"beanStyleSetterMethodName": "setKey",
"c2jName": "key",
"c2jShape": "LogType",
"c2jType": null,
"isEnum": false,
"isList": true,
"isMap": false,
"isSet": false,
"isUnion": false,
"jsonValue": false,
"listModel": null,
"map": false,
"mapModel": null,
"mapModel": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "LogPublishingOptions",
"marshaller": null,
"marshallLocationName": "LogPublishingOptions",
"unmarshaller": null,
"unmarshallLocationName": "LogPublishingOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {"keyAsString"}.

@return Returns a reference to this object so that method calls can be chained together.

@see #key(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "key",
  "fluentEnumSetterMethodName" : "key",
  "fluentGetterMethodName" : "keyAsString",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.

The new value for the Key property for this object.

If the service returns an enum value that is not available in the current SDK version, {"key"} will return {"LogType#UNKNOWN_TO_SDK_VERSION"}. The raw value returned by the service is available from {"keyAsString"}.

@return The value of the Key property for this object.

@see LogType",
  "getterDocumentation" : "Returns the value of the Key property for this object.

If the service returns an enum value that is not available in the current SDK version, {"logType"} will return {"LogType#UNKNOWN_TO_SDK_VERSION"}. The raw value returned by the service is available from {"keyAsString"}.

@return The value of the Key property for this object.

@see LogType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "key",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "key",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}
"xmlNameSpaceUri" : null
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {LogPublishingOption.Builder} avoiding the need to create
one manually via {LogPublishingOption#builder()}. When the {Consumer} completes, {LogPublishingOption.Builder#build()} is called immediately and its result is passed to {LogPublishingOption#value(LogPublishingOption)}.@param value a consumer that will call methods on {LogPublishingOption.Builder}@return Returns a reference to this object so that method calls can be chained
together.@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@param value The..."
new value for the Value property for this object.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.

"getterModel" : {
    "returnType" : "LogPublishingOption",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.

"setterMethodName" : "setValue",
"setterModel" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : null,
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "returnType" : "LogPublishingOption",
    "documentation" : null
}
"variableDeclarationType" : "LogPublishingOption",
"variableName" : "value",
"variableType" : "LogPublishingOption",
"documentation" : "",
"simpleType" : "LogPublishingOption",
"variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Map of <code>LogType</code></p> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

@code

"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodDeclaration" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodDeclaration" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodDeclaration" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodDeclaration" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodDeclaration" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variableName" : "createElasticsearchDomainRequest",
"variableType" : "CreateElasticsearchDomainRequest",
"documentation" : null,
"simpleType" : "CreateElasticsearchDomainRequest",
"variableSetterType" : "CreateElasticsearchDomainRequest"
},
"wrapper" : false
},
"CreateElasticsearchDomainResponse" : {
"c2jName" : "CreateElasticsearchDomainResponse",
"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "The result of a <code>CreateElasticsearchDomain</code> operation. Contains the status of the newly created Elasticsearch domain."
},
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ { 
 "beanStyleGetterMethodName" : "getDomainStatus",
 "beanStyleSetterMethodName" : "setDomainStatus",
 "c2jName" : "DomainStatus",
 "c2jShape" : "ElasticsearchDomainStatus",
 "defaultConsumerFluentSetterDocumentation" : "The status of the newly created Elasticsearch domain.

This is a convenience that creates an instance of the [{@link ElasticsearchDomainStatus.Builder}] avoiding the need to create one manually via [{@link ElasticsearchDomainStatus#builder()}].

When the [{@link Consumer}] completes, [{@link ElasticsearchDomainStatus.Builder#build()}] is called immediately and its result is passed to [{@link #domainStatus(ElasticsearchDomainStatus)}].

@throws IllegalArgumentException if the given ElasticsearchDomainStatus is null

@throws ElasticsearchServiceException if the Elasticsearch cluster is not available

@throws ElasticsearchClusterConnectionException if the Elasticsearch cluster is not available

@throws ElasticsearchUnknownException if the Elasticsearch cluster is not available

@throws ElasticsearchThrottledException if the Elasticsearch cluster is not available

@throws ElasticsearchUnavailableException if the Elasticsearch cluster is not available

@throws ElasticsearchException if the Elasticsearch cluster is not available

@throws ElasticsearchTransportException if the Elasticsearch cluster is not available

@throws ElasticsearchRemoteException if the Elasticsearch cluster is not available

@throws ElasticsearchIOException if the Elasticsearch cluster is not available

@see #domainStatus(ElasticsearchDomainStatus)"
, 
 "deprecated" : false,
 "documentation" : "The status of the newly created Elasticsearch domain."
},
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatus",
"fluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>
@param domainStatus The status of the newly created Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainStatus",
"getterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>
@return The status of the newly created Elasticsearch domain.",
"getterModel" : {
    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainStatus",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainStatus",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>
@param domainStatus The status of the newly created Elasticsearch domain.",
"setterMethodName" : "setDomainStatus",
"setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
The status of the newly created Elasticsearch domain. 

This is a convenience that creates an instance of the ElasticsearchDomainStatus.Builder avoiding the need to create one manually via ElasticsearchDomainStatus.builder(). When the Consumer completes, ElasticsearchDomainStatus.Builder.build() is called immediately and its result is passed to a consumer that will call methods on ElasticsearchDomainStatus. 

@see #domainStatus(ElasticsearchDomainStatus)
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainStatus",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>
@param domainStatus The status of the newly created Elasticsearch domain.",
"setterMethodName" : "setDomainStatus",
"setterModel" : {
"variableDeclarationType" : "ElasticsearchDomainStatus",
"variableName" : "domainStatus",
"variableType" : "ElasticsearchDomainStatus",
"documentation" : null,
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchDomainStatus",
"variableName" : "domainStatus",
"variableType" : "ElasticsearchDomainStatus",
"documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [

"beanStyleGetterMethodName" : "getDomainStatus",
"beanStyleSetterMethodName" : "setDomainStatus",


"c2jName" : "DomainStatus",
"c2jShape" : "ElasticsearchDomainStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via {@link ElasticsearchDomainStatus#builder()}. When the {@link Consumer} completes, {@link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchDomainStatus(ElasticsearchDomainStatus)}. Return a reference to this object so that method calls can be chained together.

@see #domainStatus(ElasticsearchDomainStatus)",

"deprecated" : false,
"documentation" : "<p>The status of the newly created Elasticsearch domain. </p>
The status of the newly created Elasticsearch domain. </p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatus",
"fluentSetterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>
@param domainStatus The status of the newly created Elasticsearch domain. <p>The status of the newly created Elasticsearch domain. <p>
@return Returns a reference to this object so that method calls can be chained together.

@see #domainStatus(ElasticsearchDomainStatus)",

"getterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>
@return The status of the newly created Elasticsearch domain.

@getgetterModel" : {
 "returnType" : "ElasticsearchDomainStatus",
 "documentation" : null
 },

"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "DomainStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "DomainStatus",
 "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The status of the newly created Elasticsearch domain. </p>
@param
domainStatus The status of the newly created Elasticsearch domain."
,"setterMethodName" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "<p>The status of the newly created Elasticsearch domain. </p>",
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null,
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "CreateElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "CreateElasticsearchDomainResponse",
  "variableName" : "createElasticsearchDomainResponse",
  "variableType" : "CreateElasticsearchDomainResponse",
  "documentation" : null,
  "simpleType" : "CreateElasticsearchDomainResponse",
  "variableSetterType" : "CreateElasticsearchDomainResponse"
},
"wrapper" : false
},
"DeleteElasticsearchDomainRequest" : {
  "c2jName" : "DeleteElasticsearchDomainRequest"
"customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Container for the parameters to the <code><a>DeleteElasticsearchDomain</a></code> operation. Specifies the name of the Elasticsearch domain that you want to delete.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
    "action" : "DeleteElasticsearchDomain",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/domain/{DomainName}"
},
"members" : [
    {
      "beanStyleGetterMethodName" : "getDomainName",
      "beanStyleSetterMethodName" : "setDomainName",
      "c2jName" : "DomainName",
      "c2jShape" : "DomainName",
      "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link #builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}.
@param domainName a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)
",
    "deprecated" : false,
    "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently
delete.</p>
@param domainName The name of the Elasticsearch domain that you want to permanently delete.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of the Elasticsearch domain that you want to permanently delete.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "The name of the Elasticsearch domain that you want to permanently delete.

"setterMethodName" : "setDomainName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}],
"membersAsMap" : {
"DomainName" : {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder}.<p>When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #domainName(String).<p>@return Returns a reference to this object so that method calls can be chained together.<p>@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
@paradomainName The name of the Elasticsearch domain that you want to permanently delete.<p>@return Returns a reference to this object so that method calls can be chained together.</p>
@getterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
@return The name of the Elasticsearch domain that you want to permanently delete.
@getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "url"
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>
@param domainName The name of the Elasticsearch domain that you want to permanently delete.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [
  {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>\nThis is a convenience that creates an instance of the [\@link String.Builder] avoiding the need to create one manually via [\@link String#builder()].\n\nWhen the [\@link Consumer] completes, [\@link
String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}. @param domainName a consumer that will call methods on {@link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #domainName(String)

"deprecated" : false,
"documentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>@return The name of the Elasticsearch domain that you want to permanently delete.

"getterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>@return The name of the Elasticsearch domain that you want to permanently delete.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>@return The name of the Elasticsearch domain that you want to permanently delete.",
"setterMethodName": "setDomainName",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "domainName",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "domainName",
"variableType": "String",
"documentation": "<p>The name of the Elasticsearch domain that you want to permanently delete.</p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": ["DomainName"],
"shapeName": "DeleteElasticsearchDomainRequest",
"simpleMethod": false,
"unmarshaller": null,
"variable": {
"variableDeclarationType": "DeleteElasticsearchDomainRequest",
"variableName": "deleteElasticsearchDomainRequest",
"variableType": "DeleteElasticsearchDomainRequest",
"documentation": null,
"simpleType": "DeleteElasticsearchDomainRequest",
"variableSetterType": "DeleteElasticsearchDomainRequest"
},
"wrapper": false
},
"DeleteElasticsearchDomainResponse": {
"c2jName": "DeleteElasticsearchDomainResponse",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p>The result of a <code>DeleteElasticsearchDomain</code> request. Contains the status of
the pending deletion, or no status if the domain and all of its resources have been deleted.

"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  "beanStyleGetterMethodName" : "getDomainStatus",
  "beanStyleSetterMethodName" : "setDomainStatus",
  "c2jName" : "DomainStatus",
  "c2jShape" : "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.

This is a convenience that creates an instance of the {@link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via {@link ElasticsearchDomainStatus#builder()}.

When the {@link Consumer} completes, {@link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to {@link #domainStatus(ElasticsearchDomainStatus)}. 

@see #domainStatus(ElasticsearchDomainStatus)",
  "deprecated" : false,
  "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainStatus",
  "fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>"

@param domainStatus a consumer that will call methods on {@link ElasticsearchDomainStatus.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #domainStatus(ElasticsearchDomainStatus)",
  "getterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>"

@return The status of the Elasticsearch domain being deleted.

@see #domainStatus(ElasticsearchDomainStatus)",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>
@param domainStatus
The status of the Elasticsearch domain being deleted.
",
"setterMethodName" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlnsNameSpaceUri" : null
}],
"membersAsMap" : {
"DomainStatus" : {
  "beanStyleGetterMethodName" : "getDomainStatus",
  "beanStyleSetterMethodName" : "setDomainStatus",
  "c2jName" : "DomainStatus",
  "c2jShape" : "ElasticsearchDomainStatus",
  "c2jNameSpace" : "ElasticsearchDomainStatus",
  "marshallerType" : "SDK_POJO",
  "name" : "DomainStatus",
  "setterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>
@param domainStatus
The status of the Elasticsearch domain being deleted.
",
  "setterMethodName" : "setDomainStatus",
  "setterModel" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : null,
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "ElasticsearchDomainStatus",
    "variableName" : "domainStatus",
    "variableType" : "ElasticsearchDomainStatus",
    "documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
    "simpleType" : "ElasticsearchDomainStatus",
    "variableSetterType" : "ElasticsearchDomainStatus"
  },
  "xmlnsNameSpaceUri" : null
}},
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.<p>

This is a convenience that creates an instance of the {@link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via {@link ElasticsearchDomainStatus#builder()}.

When the {@link Consumer} completes, the instance is passed to {@link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to this method.

@see #domainStatus(ElasticsearchDomainStatus)

@deprecated : false,

documentation" : "<p>The status of the Elasticsearch domain being deleted.<p>

When the Consumer completes, the instance is passed to this method.

@see #domainStatus(ElasticsearchDomainStatus)

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.<p>

The status of the Elasticsearch domain being deleted.

@return Returns a reference to this object so that method calls can be chained together.

"getterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.<p>

The status of the Elasticsearch domain being deleted.

@return The status of the Elasticsearch domain being deleted.

http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,
"marshallingType": "SDK_POJO",
"name": "DomainStatus",
"setterDocumentation": "<p>The status of the Elasticsearch domain being deleted.</p>\n@param domainStatus The status of the Elasticsearch domain being deleted.",
"setterMethodName": "setDomainStatus",
"setterModel": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "domainStatus",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": null,
  "simpleType": "ElasticsearchDomainStatus",
  "variableSetterType": "ElasticsearchDomainStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "domainStatus",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": null,
  "simpleType": "ElasticsearchDomainStatus",
  "variableSetterType": "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri": null
},

"nonStreamingMembers": [ {
  "beanStyleGetterMethodName": "getDomainStatus",
  "beanStyleSetterMethodName": "setDomainStatus",
  "c2jName": "DomainStatus",
  "c2jShape": "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation": "<p>The status of the Elasticsearch domain being deleted.</p>
This is a convenience that creates an instance of the {@link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via [@link ElasticsearchDomainStatus#builder()].

When the {@link Consumer} completes, [@link ElasticsearchDomainStatus.Builder#build()] is called immediately and its result is passed to [@link #domainStatus(ElasticsearchDomainStatus)]().\n@param domainStatus a consumer that will call methods on [@link ElasticsearchDomainStatus.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainStatus(ElasticsearchDomainStatus)",
  "deprecated": false,
  "documentation": "<p>The status of the Elasticsearch domain being deleted.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "domainStatus",
  "fluentSetterDocumentation": "<p>The status of the Elasticsearch domain being deleted.</p>\n@param domainStatus The status of the Elasticsearch domain being deleted.\n@return Returns a reference to this object so
that method calls can be chained together.

"fluentSetterMethodName" : "domainStatus",
"getterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>
@return The status of the Elasticsearch domain being deleted.

"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainStatus",
"setterDocumentation" : "<p>The status of the Elasticsearch domain being deleted.</p>
@param domainStatus
The status of the Elasticsearch domain being deleted.

"setterMethodName" : "setDomainStatus",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
"variableName" : "domainStatus",
"variableType" : "ElasticsearchDomainStatus",
"documentation" : "<p>The status of the Elasticsearch domain being deleted.</p>",
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null
 ] },
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DeleteElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
   "flattened" : false,
   "resultWrapper" : null
 },
"variable" : {
   "variableDeclarationType" : "DeleteElasticsearchDomainResponse",
   "variableName" : "deleteElasticsearchDomainResponse",
   "variableType" : "DeleteElasticsearchDomainResponse",
   "documentation" : null,
   "simpleType" : "DeleteElasticsearchDomainResponse",
   "variableSetterType" : "DeleteElasticsearchDomainResponse"
 },
"wrapper" : false
},
"DeleteElasticsearchServiceRoleRequest" : {
"c2jName" : "DeleteElasticsearchServiceRoleRequest",
"customization" : {
   "artificialResultWrapper" : null,
   "skipGeneratingMarshaller" : false,
   "skipGeneratingModelClass" : false,
   "skipGeneratingUnmarshaller" : false,
   "staxTargetDepthOffset" : 0
 },
"deprecated" : false,
"documentation" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller": {
  "action": "DeleteElasticsearchServiceRole",
  "locationName": null,
  "requestUri": "/2015-01-01/es/role",
  "target": null,
  "verb": "DELETE",
  "xmlNameSpaceUri": null
},

"members": [ ],

"membersAsMap": { },

"nonStreamingMembers": [ ],

"requestSignerAware": false,

"requestSignerClassFqcn": null,

"required": null,

"shapeName": "DeleteElasticsearchServiceRoleRequest",

"simpleMethod": true,

"unmarshaller": null,

"variable": {
  "variableDeclarationType": "DeleteElasticsearchServiceRoleRequest",
  "variableName": "deleteElasticsearchServiceRoleRequest",
  "variableType": "DeleteElasticsearchServiceRoleRequest",
  "documentation": null,
  "simpleType": "DeleteElasticsearchServiceRoleRequest",
  "variableSetterType": "DeleteElasticsearchServiceRoleRequest"
},

"wrapper": false
},

"DeleteElasticsearchServiceRoleResponse": {
  "c2jName": "DeleteElasticsearchServiceRoleResponse",

  "customization": { 
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },

  "deprecated": false,

  "documentation": null,

  "enums": null,

  "errorCode": null,

  "event": false,

  "eventStream": false,

  "explicitEventPayloadMember": null,

  "hasHeaderMember": false,

  "hasPayloadMember": false,

  "hasStatusCodeMember": false,

  "hasStreamingMember": false,

  "httpStatusCode": null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DeleteElasticsearchServiceRoleResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DeleteElasticsearchServiceRoleResponse",
  "variableName" : "deleteElasticsearchServiceRoleResponse",
  "variableType" : "DeleteElasticsearchServiceRoleResponse",
  "documentation" : null,
  "simpleType" : "DeleteElasticsearchServiceRoleResponse",
  "variableSetterType" : "DeleteElasticsearchServiceRoleResponse"
},
"wrapper" : false
},
"DeploymentStatus" : {
  "c2jName" : "DeploymentStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "",
  "enums" : [{
    "name" : "PENDING_UPDATE",
    "value" : "PENDING_UPDATE"
  },
  {"name" : "IN_PROGRESS",
   "value" : "IN_PROGRESS"
  },
  {"name" : "COMPLETED",
   "value" : "COMPLETED"
  },
  {"name" : "NOT_ELIGIBLE",
   "value" : "NOT_ELIGIBLE"
  },
  {"name" : "ELIGIBLE"}]
"value": "ELIGIBLE",
],
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [ ],
"membersAsMap": { },
"nonStreamingMembers": [ ],
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "DeploymentStatus",
"simpleMethod": false,
"unmarshaller": {
"flattened": false,
"resultWrapper": null
},
"variable": {
"variableDeclarationType": "DeploymentStatus",
"variableName": "deploymentStatus",
"variableType": "DeploymentStatus",
"documentation": null,
"simpleType": "DeploymentStatus",
"variableSetterType": "DeploymentStatus"
},
"wrapper": false
},
"DescribeElasticsearchDomainConfigRequest": {
"c2jName": "DescribeElasticsearchDomainConfigRequest",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": 
"<p> Container for the parameters to the <code>DescribeElasticsearchDomainConfig</code> operation. Specifies the domain name for which you want configuration information. </p>",
"enums": null,
"errorCode": null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "DescribeElasticsearchDomainConfig",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/domain/{DomainName}/config",
  "target" : null,
  "verb" : "GET",
  "xmlNameSpaceUri" : null
},
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.\nThis is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}.\nWhen the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #domainName(String) \}.\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch domain that you want to get information about.\n</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.\n@returns Returns a reference to this object so that method calls can be chained together.\n</p>"
},
"getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.\n@returns The Elasticsearch domain that you want to get information about.\n</p>"
}
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@param

domainName The Elasticsearch domain that you want to get information about.'",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
} ]
},
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "setterMethodName" : "setDomainName",
    "setterModel" : {
      "variableDeclarationType" : "String",
      "variableName" : "domainName",
      "variableType" : "String",
      "documentation" : null,
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "String",
      "variableName" : "domainName",
      "variableType" : "String",
      "documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "xmlNameSpaceUri" : null
  }
}
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the (@link Consumer) completes, (@link String.Builder#build()) is called immediately and its result is passed to (@link #domainName(String)).
@returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
"getterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
@param
domainName The Elasticsearch domain that you want to get information about.",&
"setterMethodName" : "setDomainName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
","simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information about.</p>

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.

@deprecated
@see #domainName(String)",&
"documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>
","enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain that you want to get information
@param domainName The Elasticsearch domain that you want to get information about.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The Elasticsearch domain that you want to get information about.

The Elasticsearch domain that you want to get information about.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "The Elasticsearch domain that you want to get information about.

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

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"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "<p>The Elasticsearch domain that you want to get information about.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
}
,"xmlnsNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "DescribeElasticsearchDomainConfigRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
"variableDeclarationType" : "DescribeElasticsearchDomainConfigRequest",
"variableName" : "describeElasticsearchDomainConfigRequest",
"variableType" : "DescribeElasticsearchDomainConfigRequest",
"documentation" : null,
"simpleType" : "DescribeElasticsearchDomainConfigRequest",
"variableSetterType" : "DescribeElasticsearchDomainConfigRequest"
},
"wrapper" : false
",
"DescribeElasticsearchDomainConfigResponse" : {
"c2jName" : "DescribeElasticsearchDomainConfigResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The result of a <code>DescribeElasticsearchDomainConfig</code> request. Contains the configuration information of the requested domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainConfig",
  "beanStyleSetterMethodName" : "setDomainConfig",
  "c2jName" : "DomainConfig",
  "c2jShape" : "ElasticsearchDomainConfig",
  "defaultConsumerFluentSetterDocumentation" : "The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request. This is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder } avoiding the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the { @link Consumer } completes, { @link ElasticsearchDomainConfig.Builder#build() } is called immediately and its result is passed to { @link ElasticsearchDomainConfig }. A consumer that will call methods on { @link ElasticsearchDomainConfig.Builder } @return Returns a reference to this object so that method calls can be chained together."@see #domainConfig(ElasticsearchDomainConfig)",
  "deprecated" : false,
  "documentation" : "The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainConfig",
  "fluentSetterDocumentation" : "The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request. The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request. @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainConfig",
  "getterDocumentation" : "The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request. @return The configuration information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainConfig",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainConfig",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainConfig",
    "version" : "1.0"
  },
  "isFieldList" : false,
  "methodSignature" : {
    "parameterNames" : [ "domainConfig" ],
    "returnType" : "ElasticsearchDomainConfig"
  },
  "namingStrategy" : null
}];
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.

@param domainConfig The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
,"setterMethodName" : "setDomainConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
},
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlnsNameSpaceUri" : null
}],
"membersAsMap" : {
"DomainConfig" : {
  "beanStyleGetterMethodName" : "getDomainConfig",
  "beanStyleSetterMethodName" : "setDomainConfig",
  "c2jName" : "DomainConfig",
  "c2jShape" : "ElasticsearchDomainConfig",
  "defaultConsumerFluentSetterDocumentation" : "This is a convenience that creates an
instance of the {@link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via
{@link ElasticsearchDomainConfig#builder()}. When the {@link Consumer} completes, the
<code>ElasticsearchDomainConfig.Builder#build()</code> is called immediately and its result is passed to
{@link DomainConfig(ElasticsearchDomainConfig)}.

@param domainConfig a consumer that will call methods on
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.

@param domainConfig The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
,"setterMethodName" : "setDomainConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : "The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request."
},
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlnsNameSpaceUri" : null
}],
"membersAsMap" : {
"DomainConfig" : {
  "beanStyleGetterMethodName" : "getDomainConfig",
  "beanStyleSetterMethodName" : "setDomainConfig",
  "c2jName" : "DomainConfig",
  "c2jShape" : "ElasticsearchDomainConfig",
  "defaultConsumerFluentSetterDocumentation" : "This is a convenience that creates an
instance of the {@link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via
{@link ElasticsearchDomainConfig#builder()}. When the {@link Consumer} completes, the
<code>ElasticsearchDomainConfig.Builder#build()</code> is called immediately and its result is passed to
{@link DomainConfig(ElasticsearchDomainConfig)}.

@param domainConfig a consumer that will call methods on
@link ElasticsearchDomainConfig.Builder\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #domainConfig(ElasticsearchDomainConfig),
"deprecated": false,
"documentation": "The configuration information of the domain requested in the\n\n<code>DescribeElasticsearchDomainConfig</code> request.\n\n"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "domainConfig",
"fluentSetterDocumentation": "The configuration information of the domain requested in the\n\n<code>DescribeElasticsearchDomainConfig</code> request.\n\n@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "domainConfig",
"getterDocumentation": "The configuration information of the domain requested in the\n\n<code>DescribeElasticsearchDomainConfig</code> request.\n\n@return The configuration information of the\n\n<code>DescribeElasticsearchDomainConfig</code> request.
\n@return Returns a reference to this object so that method calls can be chained together."
"getterModel": {  
"returnType": "ElasticsearchDomainConfig",
"documentation": null
},
"http": {  
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DomainConfig",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainConfig",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "DomainConfig",
The configuration information of the domain requested in the `DescribeElasticsearchDomainConfig` request.

```java
@Param domainConfig The configuration information of the domain requested in the `DescribeElasticsearchDomainConfig` request.
```

```java
.setterMethodId = "setDomainConfig",
.setterModel = {
  "variableDeclarationType" = "ElasticsearchDomainConfig",
  "variableName" = "domainConfig",
  "variableType" = "ElasticsearchDomainConfig",
  "documentation" = null,
  "simpleType" = "ElasticsearchDomainConfig",
  "variableSetterType" = "ElasticsearchDomainConfig"
},
"simple" = false,
"timestampFormat" = null,
"variable" = {
  "variableDeclarationType" = "ElasticsearchDomainConfig",
  "variableName" = "domainConfig",
  "variableType" = "ElasticsearchDomainConfig",
  "documentation" = "The configuration information of the domain requested in the `DescribeElasticsearchDomainConfig` request.

This is a convenience that creates an instance of the `{@link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via `{@link ElasticsearchDomainConfig.Builder#builder()}`. When the `{@link Consumer} completes, `{@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to `{@link #domainConfig(ElasticsearchDomainConfig)}`. At param domainConfig a consumer that will call methods on `{@link ElasticsearchDomainConfig.Builder}` returns a reference to this object so that method calls can be chained together. See #domainConfig(ElasticsearchDomainConfig)

```
```
"fluentSetterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>
@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.
@return Returns a reference to this object so that method calls can be chained together. ",
"fluentSetterMethodName" : "domainConfig",
"getterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>
@return The configuration information of the
domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.",
"getterModel" : {
"returnType" : "ElasticsearchDomainConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>
@param domainConfig The configuration
information of the domain requested in the <code>DescribeElasticsearchDomainConfig</code> request.
@return Returns a reference to this object so that method calls can be chained together. ",
"setterMethodName" : "setDomainConfig",
"setterModel" : {
"variableDeclarationType" : "ElasticsearchDomainConfig",
"variableName" : "domainConfig",
"variableType" : "ElasticsearchDomainConfig",
"documentation" : null,
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "ElasticsearchDomainConfig",
    "variableName" : "domainConfig",
    "variableType" : "ElasticsearchDomainConfig",
    "documentation" : "<p>The configuration information of the domain requested in the
<code>DescribeElasticsearchDomainConfig</code> request.</p>",
    "simpleType" : "ElasticsearchDomainConfig",
    "variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainConfig" ],
"shapeName" : "DescribeElasticsearchDomainConfigResponse",
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "DescribeElasticsearchDomainConfigResponse",
    "variableName" : "describeElasticsearchDomainConfigResponse",
    "variableType" : "DescribeElasticsearchDomainConfigResponse",
    "documentation" : null,
    "simpleType" : "DescribeElasticsearchDomainConfigResponse",
    "variableSetterType" : "DescribeElasticsearchDomainConfigResponse"
},
"wrapper" : false
},
"DescribeElasticsearchDomainRequest" : {
    "c2jName" : "DescribeElasticsearchDomainRequest",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>Container for the parameters to the
<code><a>DescribeElasticsearchDomain</a></code> operation.</p>",
    "enums" : null,
    "errorCode" : null,
    "event" : false,
"eventStream" : false,  
"explicitEventPayloadMember" : null,  
"hasHeaderMember" : false,  
"hasPayloadMember" : false,  
"hasStatusCodeMember" : false,  
"hasStreamingMember" : false,  
"httpStatusCode" : null,  
"marshaller" : {  
  "action" : "DescribeElasticsearchDomain",  
  "locationName" : null,  
  "requestUri" : "/2015-01-01/es/domain/{DomainName}"},  
"target" : null,  
"verb" : "GET",  
"xmlNameSpaceUri" : null  
},  
"members" : [  
  "beanStyleGetterMethodName" : "getDomainName",  
  "beanStyleSetterMethodName" : "setDomainName",  
  "c2jName" : "DomainName",  
  "c2jShape" : "DomainName",  
  "defaultConsumerFluentSetterDocumentation" : "\&lt;p&gt;The name of the Elasticsearch domain for which you want information.&lt;/p&gt;&lt;\n&gt;This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String.Builder}().\nWhen the {link Consumer} completes, {link String.Builder#build} is called immediately and its result is passed to {link DomainName(String)}.\n@\param domainName a consumer that will call methods on {link String.Builder}\n@\return Returns a reference to this object so that method calls can be chained together.\n@\see DomainName(String)",  
  "deprecated" : false,  
  "documentation" : "\&lt;p&gt;The name of the Elasticsearch domain for which you want information.&lt;/p&gt;",  
  "enumType" : null,  
  "eventHeader" : false,  
  "eventPayload" : false,  
  "fluentEnumGetterMethodName" : null,  
  "fluentEnumSetterMethodName" : null,  
  "fluentGetterMethodName" : "domainName",  
  "fluentSetterDocumentation" : "\&lt;p&gt;The name of the Elasticsearch domain for which you want information.&lt;/p&gt;&lt;\n@\param domainName The name of the Elasticsearch domain for which you want information.\n@\return Returns a reference to this object so that method calls can be chained together.\n@\see DomainName(String)",  
  "fluentSetterMethodName" : "domainName",  
  "getterDocumentation" : "\&lt;p&gt;The name of the Elasticsearch domain for which you want information.&lt;/p&gt;&lt;\n@\return The name of the Elasticsearch domain for which you want information.\n@\see DomainName(String)",  
  "getterModel" : {  
    "returnType" : "String",  
    "documentation" : null  
  },  
  "http" : {  
    "additionalMarshallingPath" : null,  
    "additionalUnmarshallingPath" : null,  
    "flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>
@param domainName The name of the Elasticsearch domain for which you want information.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
  }
}
The name of the Elasticsearch domain for which you want information.

This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String.Builder()`. When the `Consumer` completes, a `String.Builder#build()` is called immediately and its result is passed to `domainName(String)`. A consumer that will call methods on `String` and return a reference to this object so that method calls can be chained together.

```

@param domainName a consumer that will call methods on `String.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)
```
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p><@param domainName The name of the Elasticsearch domain for which you want information."

"setterMethodName" : "setDomainName",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>
"simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
"nonStreamingMembers" : [
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}.<@param domainName a consumer that will call methods on { @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.<@see #domainName(String)}",
    "deprecated" : false,
    "documentation" : "<p>The name of the Elasticsearch domain for which you want information.</p>
"enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "domainName",
    "fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain for which you want information.</p><@param domainName The name of the Elasticsearch domain for which you want information."
information.\n@return Returns a reference to this object so that method calls can be chained together."
    "fluentSetterMethodName" : "domainName",
    "getterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>@return The name of the Elasticsearch domain for which you want information."
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : "uri",
      "marshallLocation" : "PATH",
      "marshallLocationName" : "DomainName",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "DomainName",
      "uri" : true
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "DomainName",
    "setterDocumentation" : "<p>The name of the Elasticsearch domain for which you want
information.</p>@param domainName The name of the Elasticsearch domain for which you want information."
    "setterMethodName" : "setDomainName",
    "setterModel" : {
      "variableDeclarationType" : "String",
      "variableName" : "domainName",
      "variableType" : "String",
      "documentation" : null,
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "The name of the Elasticsearch domain for which you want information."},

"simpleType" : "String",
"variableSetterType" : "String"
},

"xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "DescribeElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : false,
"unmarshaller" : null,

"variable" : {
"variableDeclarationType" : "DescribeElasticsearchDomainRequest",
"variableName" : "describeElasticsearchDomainRequest",
"variableType" : "DescribeElasticsearchDomainRequest",
"documentation" : null,
"simpleType" : "DescribeElasticsearchDomainRequest",
"variableSetterType" : "DescribeElasticsearchDomainRequest"
},

"wrapper" : false
},

"DescribeElasticsearchDomainResponse" : {
"c2jName" : "DescribeElasticsearchDomainResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},

"deprecated" : false,
"documentation" : "The result of a DescribeElasticsearchDomain request. Contains the status of the domain specified in the request.",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"marshaller" : null,

"members" : [ {
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "The name of the Elasticsearch domain for which you want information."},

"simpleType" : "String",
"variableSetterType" : "String"
},

"xmlNameSpaceUri" : null
} ]
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "DescribeElasticsearchDomainRequest",
"simpleMethod" : false,
"unmarshaller" : false,
"unmarshaller" : null,

"variable" : {
"variableDeclarationType" : "DescribeElasticsearchDomainRequest",
"variableName" : "describeElasticsearchDomainRequest",
"variableType" : "DescribeElasticsearchDomainRequest",
"documentation" : null,
"simpleType" : "DescribeElasticsearchDomainRequest",
"variableSetterType" : "DescribeElasticsearchDomainRequest"
},

"wrapper" : false
},

"DescribeElasticsearchDomainResponse" : {
"c2jName" : "DescribeElasticsearchDomainResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},

"deprecated" : false,
"documentation" : "The result of a DescribeElasticsearchDomain request. Contains the status of the domain specified in the request.",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"marshaller" : null,

"members" : [ {
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "The name of the Elasticsearch domain for which you want information."},

"simpleType" : "String",
"variableSetterType" : "String"
},

"xmlNameSpaceUri" : null
} ]
"requestSignerAware" : false,
"beanStyleGetterMethodName": "getDomainStatus",
"beanStyleSetterMethodName": "setDomainStatus",
"c2jName": "DomainStatus",
"c2jShape": "ElasticsearchDomainStatus",
"defaultConsumerFluentSetterDocumentation": "<p>The current status of the Elasticsearch domain. This is a convenience that creates an instance of the {link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via {link ElasticsearchDomainStatus#builder()}. When the {link Consumer} completes, {link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to {link ElasticsearchDomainStatus#domainStatus(ElasticsearchDomainStatus)}@param domainStatus a consumer that will call methods on {link ElasticsearchDomainStatus.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #domainStatus(ElasticsearchDomainStatus)",
"deprecated": false,
"documentation": "The current status of the Elasticsearch domain.",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "domainStatus",
"fluentSetterDocumentation": "The current status of the Elasticsearch domain.\n\n@return The current status of the Elasticsearch domain.\n\ngetterModel": {\n    "returnType": "ElasticsearchDomainStatus",
    "documentation": null
},
"http": {\n    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "DomainStatus",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "DomainStatus",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "DomainStatus",
"setterDocumentation": "The current status of the Elasticsearch domain.

@param domainStatus The current status of the Elasticsearch domain.

setterMethodName": "setDomainStatus",
"setterModel": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "domainStatus",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": null,
  "simpleType": "ElasticsearchDomainStatus",
  "variableSetterType": "ElasticsearchDomainStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "domainStatus",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": "The current status of the Elasticsearch domain.

setCurrentStatus() is a convenience that creates an instance of the ElasticsearchDomainStatus.Exception.Builder
avoiding the need to create one manually via ElasticsearchDomainStatus.Builder().

When the ElasticsearchDomainStatus.Builder#build() method completes, ElasticsearchDomainStatus.Builder#build() is called immediately and its result is passed to ElasticsearchDomainStatus.ElasticsearchDomainStatus#build() a consumer that will call methods on ElasticsearchDomainStatus.Builder

@return Returns a reference to this object so that method calls can be chained together.
@see #domainStatus(ElasticsearchDomainStatus)

@deprecated"
"documentation": "The current status of the Elasticsearch domain.

@param domainStatus The current status of the Elasticsearch domain.

@see #domainStatus(ElasticsearchDomainStatus)

@deprecated"}],
"variableAsMap": {
  "DomainStatus": {
    "beanStyleGetterMethodName": "getDomainStatus",
    "beanStyleSetterMethodName": "setDomainStatus",
    "c2jName": "DomainStatus",
    "c2jShape": "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation": "The current status of the Elasticsearch domain.

setCurrentStatus() is a convenience that creates an instance of the ElasticsearchDomainStatus.Exception.Builder
avoiding the need to create one manually via ElasticsearchDomainStatus.Builder().

When the ElasticsearchDomainStatus.Builder#build() method completes, ElasticsearchDomainStatus.Builder#build() is called immediately and its result is passed to ElasticsearchDomainStatus.ElasticsearchDomainStatus#build() a consumer that will call methods on ElasticsearchDomainStatus.Builder

@return Returns a reference to this object so that method calls can be chained together.
@see #domainStatus(ElasticsearchDomainStatus)

@deprecated"
"documentation": "The current status of the Elasticsearch domain.

@param domainStatus The current status of the Elasticsearch domain.

@see #domainStatus(ElasticsearchDomainStatus)

@deprecated"],
"xmlNameSpaceUri": null}
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "domainStatus",
"fluentSetterDocumentation": "<p>The current status of the Elasticsearch domain.</p>
@param domainStatus The current status of the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "domainStatus",
"getterDocumentation": "<p>The current status of the Elasticsearch domain.</p>
@return The current status of the Elasticsearch domain.",
"getterModel": {
"returnType": "ElasticsearchDomainStatus",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DomainStatus",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainStatus",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "DomainStatus",
"setterDocumentation": "<p>The current status of the Elasticsearch domain.</p>
@param domainStatus The current status of the Elasticsearch domain.
@return The current status of the Elasticsearch domain.",
"setterMethodName": "setDomainStatus",
"setterModel": {
"variableDeclarationType": "ElasticsearchDomainStatus",
"variableName": "domainStatus",
"variableType": "ElasticsearchDomainStatus",
"documentation": null,
"simpleType": "ElasticsearchDomainStatus",
"variableSetterType": "ElasticsearchDomainStatus"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "domainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : "The current status of the Elasticsearch domain.",
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [{
  "beanStyleGetterMethodName" : "getDomainStatus",
  "beanStyleSetterMethodName" : "setDomainStatus",
  "c2jName" : "DomainStatus",
  "c2jShape" : "ElasticsearchDomainStatus",
  "defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch domain.
This is a convenience that creates an instance of the ElasticsearchDomainStatus.Builder avoiding the need to create one manually via ElasticsearchDomainStatus#builder(). When the Consumer completes, ElasticsearchDomainStatus.Builder#build() is called immediately and its result is passed to ElasticsearchDomainStatus a consumer that will call methods on ElasticsearchDomainStatus.Builder@return Returns a reference to this object so that method calls can be chained together.
@see #domainStatus(ElasticsearchDomainStatus)",
  "deprecated" : false,
  "documentation" : "The current status of the Elasticsearch domain.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainStatus",
  "fluentSetterDocumentation" : "The current status of the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainStatus",
  "getterDocumentation" : "The current status of the Elasticsearch domain.
@return The current status of the Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DomainStatus",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainStatus",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "DomainStatus",
"setterDocumentation": "\n\n@param domainStatus The current status of the Elasticsearch domain."

"setterMethodName": "setDomainStatus",
"setterModel": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "domainStatus",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": null,
  "simpleType": "ElasticsearchDomainStatus",
  "variableSetterType": "ElasticsearchDomainStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchDomainStatus",
  "variableName": "domainStatus",
  "variableType": "ElasticsearchDomainStatus",
  "documentation": "\n\n@p The current status of the Elasticsearch domain."
},
"xmlNameSpaceUri": null
}

"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": [ "DomainStatus" ],
"shapeName": "DescribeElasticsearchDomainResponse",
"simpleMethod": false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DescribeElasticsearchDomainResponse",
  "variableName" : "describeElasticsearchDomainResponse",
  "variableType" : "DescribeElasticsearchDomainResponse",
  "documentation" : null,
  "simpleType" : "DescribeElasticsearchDomainResponse",
  "variableSetterType" : "DescribeElasticsearchDomainResponse"
},
"wrapper" : false
},
"DescribeElasticsearchDomainsRequest" : {
  "c2jName" : "DescribeElasticsearchDomainsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for the parameters to the<br /></p><code><a>DescribeElasticsearchDomains</a></code><br />operation. By default, the API returns the status of all Elasticsearch domains.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "DescribeElasticsearchDomains",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/domain-info",
    "target" : null,
    "verb" : "POST",
    "xmlNameSpaceUri" : null
  },
  "members" : [
    "beanStyleGetterMethodName" : "getDomainNames",
    "beanStyleSetterMethodName" : "setDomainNames",
  ]}
"c2jName" : "DomainNames",
"c2jShape" : "DomainNameList",
"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>
This is a convenience that creates an instance of the [link List<String>.Builder] avoiding the need to create one manually via [link List<String>#builder()].

When the [link Consumer] completes, [link List<String>.Builder#build()] is called immediately and its result is passed to [link #domainNames(List<String>)].

@param domainNames a consumer that will call methods on [link List<String>.Builder]
@return Returns a reference to this object so that method calls can be chained together..

@see #domainNames(List<String>)",

"deprecated" : false,
"documentation" : "<p>The Elasticsearch domains for which you want information.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>
@param domainNames The Elasticsearch domains for which you want information.
@return Returns a reference to this object so that method calls can be chained together.

@see #domainNames(List<String>)",

"getterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>
<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>
@return The Elasticsearch domains for which you want information.

@see #domainNames(List<String>)",

"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainNames",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainNames",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create
one manually via {link String#builder()}. When the {link Consumer} completes, {link String.Builder#build()}
called immediately and its result is passed to {link #member(String)}.
@param member a consumer that will call methods on {link String.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #member(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.
The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.
@return The value of the Member property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  }
}
"idempotencyToken": false,
"isBinary": false,
"jsonData": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "DomainNames",
"setterDocumentation": "<p>The Elasticsearch domains for which you want information.\n\n@param domainNames The Elasticsearch domains for which you want information.". 
"setterMethodName": "setDomainNames",
"setterModel": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "domainNames",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "domainNames",
  "variableType": "java.util.List<String>",
  "documentation": "The Elasticsearch domains for which you want information.",
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
  "DomainNames": {
    "beanStyleGetterMethodName": "getDomainNames",
    "beanStyleSetterMethodName": "setDomainNames",
    "c2jName": "DomainNames",
    "c2jShape": "DomainNameList",
    "defaultConsumerFluentSetterDocumentation": "The Elasticsearch domains for which you want information.

This is a convenience that creates an instance of the [@link List<String>.Builder] avoiding the need to create one manually via [@link List<String>#builder()].

When the [@link Consumer] completes, [@link List<String>.Builder#build()] is called immediately and its result is passed to [@link #domainNames(List<String>)].

@param domainNames a consumer that will call methods on [@link List<String>.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #domainNames(List<String>)",
    "deprecated": false,
    "documentation": "The Elasticsearch domains for which you want information.",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "domainNames",
    "fluentSetterDocumentation": "The Elasticsearch domains for which you want information.

Attempts to modify the collection returned by this method will result in an open error.

@gettersetterMethod "domainNames",
    "getterDocumentation": "The Elasticsearch domains for which you want information."}
UnsupportedOperationException.

@return The Elasticsearch domains for which you want information.

"getterModel" : {
   "returnType" : "java.util.List<String>",
   "documentation" : null
},

"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "DomainNames",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "DomainNames",
   "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"implType" : "java.util.ArrayList",

"interfaceType" : "java.util.List",

"listMemberModel" : {
   "beanStyleGetterMethodName" : "getMember",
   "beanStyleSetterMethodName" : "setMember",
   "c2jName" : "member",
   "c2jShape" : "DomainName",
   "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}, when the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}.

   @param member a consumer that will call methods on { @link String.Builder}

   @return Returns a reference to this object so that method calls can be chained together.

   @see #member(String)",
   "deprecated" : false,
   "documentation" : "",
   "enumType" : null,
   "eventHeader" : false,
   "eventPayload" : false,
   "fluentEnumGetterMethodName" : null,
   "fluentEnumSetterMethodName" : null,
   "fluentGetterMethodName" : "member",
   "fluentSetterDocumentation" : "Sets the value of the Member property for this object.

   @param member

   @return The Elasticsearch domains for which you want information.

   @see #member(String)",
   "http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "DomainNames",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "DomainNames",
   "uri" : false
   },
The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.

"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

"setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : { 
}
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "<p>The Elasticsearch domains for which you want information.</p>
@param domainNames The Elasticsearch domains for which you want information.
",
"setterMethodName" : "setDomainNames",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>The Elasticsearch domains for which you want information.</p>
",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ {

"beanStyleGetterMethodName" : "getDomainNames",
"beanStyleSetterMethodName" : "setDomainNames",
"c2jName" : "DomainNames",
"c2jShape" : "DomainNameList",
"defaultConsumerFluentSetterDocumentation" : "\nThis is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}.

When the {Consumer} completes, {List<String>.Builder#build()} is called immediately and its result is passed to {domainNames(List<String>)}.

@return Returns a reference to this object so that method calls can be chained together.
\n@see #domainNames(List<String>)",
"deprecated" : false,
"documentation" : "The Elasticsearch domains for which you want information.
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
\n@return The Elasticsearch domains for which you want information.
\n@deprecated"
"enumType" : null,
"eventId" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "\nThe Elasticsearch domains for which you want information.
\n@param domainNames The Elasticsearch domains for which you want information.
\n@return Returns a reference to this object so that method calls can be chained together.
\n@see #domainNames(List<String>)",
"getterDocumentation" : "The Elasticsearch domains for which you want information.
\n@return The Elasticsearch domains for which you want information.
\n@getterDocumentation"
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainNames",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainNames",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "DomainName",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String.Builder.build()]. When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #member(String)].

**@param member** a consumer that will call methods on [link String.Builder] returns a reference to this object so that method calls can be chained together.

[@see #member(String)]",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object.

**@param member** the new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

[@see #member(String)]",
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.

@return The value of the Member property for this object.

[@see #member(String)]",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  }
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",}
null,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames"
"setterDocumentation": "\n\nThe Elasticsearch domains for which you want information.
\n\n\n\n@param
domainNames The Elasticsearch domains for which you want information."
,"setterMethodName": "setDomainNames",
"setterModel": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "domainNames",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "domainNames",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
},
"xmlNameSpaceUri": null
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": ["DomainNames"],
"shapeName": "DescribeElasticsearchDomainsRequest",
"simpleMethod": false,
"unmarshaller": null,
"variable": {
  "variableDeclarationType": "DescribeElasticsearchDomainsRequest",
  "variableName": "describeElasticsearchDomainsRequest",
  "variableType": "DescribeElasticsearchDomainsRequest",
  "documentation": null,
  "simpleType": "DescribeElasticsearchDomainsRequest",
  "variableSetterType": "DescribeElasticsearchDomainsRequest"
},
"wrapper": false
},
"DescribeElasticsearchDomainsResponse": {
  "c2jName": "DescribeElasticsearchDomainsResponse",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  }
},
"deprecated": false,
"documentation": "The result of a <code>DescribeElasticsearchDomains</code> request. Contains the status of the specified domains or all domains owned by the account."
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [
  {
    "beanStyleGetterMethodName": "getDomainStatusList",
    "beanStyleSetterMethodName": "setDomainStatusList",
    "c2jName": "DomainStatusList",
    "c2jShape": "ElasticsearchDomainStatusList",
    "defaultConsumerFluentSetterDocumentation": "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request."
  }
]

This is a convenience that creates an instance of the <link>List<ElasicsearchDomainStatus>.Builder> avoiding the need to create one manually via <link>List<ElasicsearchDomainStatus>#builder>(). When the <link>Consumer> completes, <link>List<ElasicsearchDomainStatus>.Builder#build()> is called immediately and its result is passed to <link>List<ElasicsearchDomainStatus> a consumer that will call methods on <link>List<ElasicsearchDomainStatus>.Builder>.

@returns Returns a reference to this object so that method calls can be chained together.

@see #domainStatusList(List<ElasicsearchDomainStatus>)

"deprecated": false,
"documentation": "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request."
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "domainStatusList",
"fluentSetterDocumentation": "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request."
"getterDocumentation": "Attempts to modify the collection returned by this method will result in an UnsupportedOperationException."
"getterModel": {
  "returnType": "java.util.List<ElasicsearchDomainStatus>",
  "documentation": null
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "DomainStatusList",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "DomainStatusList",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonData": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the ElasticsearchDomainStatus.Builder avoiding the need to create one manually via ElasticsearchDomainStatus#builder(). When the ElasticsearchDomainStatus.Builder#build() completes, ElasticsearchDomainStatus.Builder#build() is called immediately and its result is passed to ElasticsearchDomainStatus.Builder#build()\n\n@throws ElasticsearchDomainStatusException if the ElasticsearchDomainStatus.Builder#build() fails.\n\n@return Returns a reference to this object so that method calls can be chained together. See #member(ElasticsearchDomainStatus).",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "member",
    "fluentSetterDocumentation": "Sets the value of the Member property for this object. The new value for the Member property for this object.\n\n@throws ElasticsearchDomainStatusException if the ElasticsearchDomainStatus.Builder#build() fails.\n\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName": "member",
  }
}
}
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object."
,"getterModel" : {
  "returnType" : "ElasticsearchDomainStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "member",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "member",
  "variableType" : "ElasticsearchDomainStatus"}
"documentation" : "",
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ElasticsearchDomainStatus",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ElasticsearchDomainStatus",
"templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType" : "java.util.List<ElasticsearchDomainStatus>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"setterDocumentation" : "<p>The status of the domains requested in the 
<code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains requested in the 
<code>DescribeElasticsearchDomains</code> request.",
"setterMethodName" : "setDomainStatusList",
"setterModel" : {
"variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
"variableName" : "domainStatusList",
"variableType" : "java.util.List<ElasticsearchDomainStatus>",
"documentation" : null,
"simpleType" : "List<ElasticsearchDomainStatus>",
"variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
"variableName" : "domainStatusList",
"variableType" : "java.util.List<ElasticsearchDomainStatus>",
"documentation" : "<p>The status of the domains requested in the 
<code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains requested in the 
<code>DescribeElasticsearchDomains</code> request.",
"simpleType" : "List<ElasticsearchDomainStatus>",
"variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"
},
"xmlNameSpaceUri" : null
] }],
"membersAsMap" : {
"DomainStatusList" : {
"beanStyleGetterMethodName" : "getDomainStatusList",
"beanStyleSetterMethodName" : "setDomainStatusList"
} 
} 
} 
}
"beanStyleSetterMethodName" : "setDomainStatusList",
"c2jName" : "DomainStatusList",
"c2jShape" : "ElasticsearchDomainStatusList",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>This is a convenience that creates an instance of the
{@link List<ElasticsearchDomainStatus>.Builder} avoiding the need to create one manually via {@link
List<ElasticsearchDomainStatus>#builder()}. When the {@link Consumer} completes, {@link
List<ElasticsearchDomainStatus>.Builder#build()} is called immediately and its result is passed to
{@link List<ElasticsearchDomainStatus> domainStatusList(List<ElasticsearchDomainStatus>)},
@return Returns a reference to this object that will call
methods on List<ElasticsearchDomainStatus>.Builder}.
@param domainStatusList a consumer that will call
methods on List<ElasticsearchDomainStatus>.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #domainStatusList(List<ElasticsearchDomainStatus>)",
"deprecated" : false,
"documentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatusList",
"fluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains
requested in the <code>DescribeElasticsearchDomains</code> request.
@return Returns a reference to this object so that method calls can be chained together.
"getterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>
@return The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainStatusList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainStatusList",
"uri" : false
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the \n{@link ElasticsearchDomainStatus.Builder} avoiding the need to create one manually via \n{@link ElasticsearchDomainStatus#builder()}.\nWhen the \n{@link Consumer} completes, \n{@link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to \n{@link #member(ElasticsearchDomainStatus)}.\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #member(ElasticsearchDomainStatus)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeaderValue" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@returns Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@returns The value of the Member property for this object."
  },
  "getterModel" : {
    "returnType" : "ElasticsearchDomainStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD"
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "ElasticsearchDomainStatus",
"variableName" : "member",
"variableType" : "ElasticsearchDomainStatus",
"documentation" : null,
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ElasticsearchDomainStatus",
"variableName" : "member",
"variableType" : "ElasticsearchDomainStatus",
"documentation" : "",
"simpleType" : "ElasticsearchDomainStatus",
"variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ElasticsearchDomainStatus",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ElasticsearchDomainStatus",
"templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType" : "java.util.List<ElasticsearchDomainStatus>"
The status of the domains requested in the `DescribeElasticsearchDomains` request.

```java
@Param domainStatusList The status of the domains requested in the `DescribeElasticsearchDomains` request.
```

```java
C2jName: "DomainStatusList",
C2jShape: "ElasticsearchDomainStatusList",
```

This is a convenience that creates an instance of the `List<ElasticsearchDomainStatus>.builder()` avoiding the need to create one manually via `List<ElasticsearchDomainStatus>#builder()`.

When the `@link Consumer` completes, `List<ElasticsearchDomainStatus>.Builder#build()` is called immediately and its result is passed to `List<ElasticsearchDomainStatusList>(List<ElasticsearchDomainStatus>)`.

```java
@Return Returns a reference to this object so that method calls can be chained together.
```

```java
See #DomainStatusList(List<ElasticsearchDomainStatus>)
```

```java
deprecated": false,
```

```java
documentation": "The status of the domains requested in the `DescribeElasticsearchDomains` request.
```

```java
enumType": null,
```

```java
eventHeader": false,
```
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainStatusList",
"fluentSetterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>
@param domainStatusList The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainStatusList",
"getterDocumentation" : "<p>The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.</p>
<p>
Attempts to modify the collection returned by
this method will result in an UnsupportedOperationException.
</p>
@return The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.",
"getterModel" : {
  "returnType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainStatusList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainStatusList",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchDomainStatus",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\nThis is a convenience that creates an instance of the
{@link ElasticsearchDomainStatus.Builder}
avoiding the need to create one manually via
{@link ElasticsearchDomainStatus#builder()}.\n\nWhen the
"link"
Consumer} completes, {@link ElasticsearchDomainStatus.Builder#build()} is called immediately and its result is passed to {@link #member(ElasticsearchDomainStatus)}. In param member a consumer that will call methods on {@link ElasticsearchDomainStatus.Builder}@n@return Returns a reference to this object so that method calls can be chained together.@n@see #member(ElasticsearchDomainStatus)".

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.@n@n@param member The new value for the Member property for this object.@n@return Returns a reference to this object so that method calls can be chained together."",
"getterDocumentation" : "Returns the value of the Member property for this object.@n@return The value of the Member property for this object."
"getterModel" : {
"returnType" : "ElasticsearchDomainStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.@n@n@param member The new
value for the Member property for this object.

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "member",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "member",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ElasticsearchDomainStatus",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ElasticsearchDomainStatus",
"templateImplType" : "java.util.ArrayList<ElasticsearchDomainStatus>",
"templateType" : "java.util.List<ElasticsearchDomainStatus>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainStatusList",
"setterDocumentation" : "The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.

@param domainStatusList The status of the domains requested in the <code>DescribeElasticsearchDomains</code> request.

"setterMethodName" : "setDomainStatusList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
  "variableName" : "domainStatusList",
  "variableType" : "java.util.List<ElasticsearchDomainStatus>",
  "documentation" : null,
  "simpleType" : "List<ElasticsearchDomainStatus>"
},
"variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>"}
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<ElasticsearchDomainStatus>",
    "variableName" : "domainStatusList",
    "variableType" : "java.util.List<ElasticsearchDomainStatus>",
    "documentation" : "The status of the domains requested in the
<code>DescribeElasticsearchDomains</code> request.",
    "simpleType" : "List<ElasticsearchDomainStatus>",
    "variableSetterType" : "java.util.Collection<ElasticsearchDomainStatus>",
    "xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainStatusList" ],
"shapeName" : "DescribeElasticsearchDomainsResponse",
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "DescribeElasticsearchDomainsResponse",
    "variableName" : "describeElasticsearchDomainsResponse",
    "variableType" : "DescribeElasticsearchDomainsResponse",
    "documentation" : null,
    "simpleType" : "DescribeElasticsearchDomainsResponse",
    "variableSetterType" : "DescribeElasticsearchDomainsResponse"
},
"wrapper" : false
},
"DescribeElasticsearchInstanceTypeLimitsRequest" : {
    "c2jName" : "DescribeElasticsearchInstanceTypeLimitsRequest",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "Container for the parameters to <code><a>DescribeElasticsearchInstanceTypeLimits</a></code> operation. </p>"
}
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "DescribeElasticsearchInstanceTypeLimits",
  "locationName" : null,
  "requestUri" : "/2015-01-01/es/instanceTypeLimits/{ElasticsearchVersion}/{InstanceType}",
  "target" : null,
  "verb" : "GET",
  "xmlNameSpaceUri" : null,
},
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>

This is a convenience that creates an instance of the {<a>String.Builder</a>} avoiding the need to create one manually via {<a>String#builder()</a>}. When the {<a>Consumer</a>} completes, {<a>String.Builder#build()</a>} is called immediately and its result is passed to {<a>String</a>}.<a>DomainName(String)</a>.

@returns Returns a reference to this object so that method calls can be chained together.<a>DomainName(String)</a>
@deprecated false,

"documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>

@returns DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>

@returns Returns a reference to this object so that method calls can be chained together.

"getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain. </p>

@returns DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code><a>Limits</a></code> for existing domain.

"getterModel" : {

"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt;</code> for existing domain. 

\@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt;</code> for existing domain. 

\@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt;</code> for existing domain.
",
"setterMethodName" : "setDomainName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String"
DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch for existing domain.

This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String.Builder(). When the Consumer completes, String.Builder.build() is called immediately and its result is passed to #instanceTypeAsString(String).

The instance type for an Elasticsearch cluster for which Elasticsearch are needed. If the service returns an enum value that is not available in the current SDK version, #instanceType will return ESPartitionInstanceType.UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from ESPartitionInstanceType.toString().
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "InstanceType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceType",
"uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits</a></code> are needed. </p>
@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits</a></code> are needed. 
@see ESPartitionInstanceType",
"setterMethodName" : "setInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code><a>Limits</a></code> are needed. </p>
",  
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion"
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>&lt;a&gt;Limits&lt;/a&gt; </code> are needed. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchVersion(String)}.<br>\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p> Version of Elasticsearch for which <code>&lt;a&gt;Limits&lt;/a&gt; </code> are needed. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code>&lt;a&gt;Limits&lt;/a&gt; </code> are needed.\n@paramelasticsearchVersion Version of Elasticsearch for which <code>&lt;a&gt;Limits&lt;/a&gt; </code> are needed.\n@return Returns a reference to this object so that method calls can be chained together.\n"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p> Version of Elasticsearch for which <code>&lt;a&gt;Limits&lt;/a&gt; </code> are needed.\n@return Version of Elasticsearch for which <code>&lt;a&gt;Limits&lt;/a&gt; </code> are needed.\n\n\ngetterModel" : {
\n"returnType" : "String",
"documentation" : null
},
"http" : {
\n"additionalMarshallingPath" : null,
\n"additionalUnmarshallingPath" : null,
\n"flattened" : false,
\n"greedy" : false,
\n"header" : false,
\n"isPayload" : false,
\n"isStreaming" : false,
\n"location" : "uri",
\n"marshallLocation" : "PATH",
\n"marshallLocationName" : "ElasticsearchVersion",
\n"queryString" : false,
\n"statusCode" : false,
\n"unmarshallLocationName" : "ElasticsearchVersion",
\n"uri" : true
},
\n"idempotencyToken" : false,
\n"isBinary" : false,
\n"jsonValue" : false,
\n"list" : false,
\n"listModel" : null,
Version of Elasticsearch for which <code>Limits</code> are needed.
</p>

```java
@param elasticsearchVersion Version of Elasticsearch for which <code>Limits</code> are needed.
```

```
"setterMethodName": "setElasticsearchVersion",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "elasticsearchVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "elasticsearchVersion",
  "variableType": "String",
  "documentation": "Version of Elasticsearch for which <code>Limits</code> are needed."
},
"xmlnsSpaceUri": null
},

"membersAsMap": {
  "DomainName": {
    "beanStyleGetterMethodName": "getDomainName",
    "beanStyleSetterMethodName": "setDomainName",
    "c2jName": "DomainName",
    "c2jShape": "DomainName",
    "defaultConsumerFluentSetterDocumentation": "DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>Limits</code> for existing domain. 

    This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String.Builder#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link String.Builder] a consumer that will call methods on [@link String.Builder]\n
@returns Returns a reference to this object so that method calls can be chained together.\n
@see #domainName(String)",
    "deprecated": false,
    "documentation": "DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>Limits</code> for existing domain.

```

```
"enumType": null,
"eventHeader": false,
```
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. </p>
@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. </p>
@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain."
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "domainName",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "domainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. </p>
@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain."
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchVersion" : {
  "beanStyleGetterMethodName" : "getIntElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. 
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchVersion(String)}. 
@see ElasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed.
@see ElasticsearchVersion(String)",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. 
@see ElasticsearchVersion(String)",
  "fluentSetterMethodName" : "elasticsearchVersion",
  "getterDocumentation" : "<p> Version of Elasticsearch for which <code> <a>Limits</a> </code> are needed. 
@see ElasticsearchVersion(String)__
"}
Version of Elasticsearch for which <code>Limits</code> are needed.

```
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : "uri",
   "marshallLocation" : "PATH",
   "marshallLocationName" : "ElasticsearchVersion",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "ElasticsearchVersion",
   "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "Version of Elasticsearch for which <code>Limits</code> are needed.

```

```
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "elasticsearchVersion",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "String",
   "variableName" : "elasticsearchVersion",
   "variableType" : "String",

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```
"documentation": "<p>Version of Elasticsearch for which <code>a>Limits</code> are needed. </p>
",
"simpleType": "String",
"variableSetterType": "String"
],
"xmlNameSpaceUri": null
},
"InstanceType": {
"beanStyleGetterMethodName": "getInstanceTypeAsString",
"beanStyleSetterMethodName": "setInstanceType",
"c2jName": "InstanceType",
"c2jShape": "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation": "<p>The instance type for an Elasticsearch cluster for which Elasticsearch <code>a>Limits</code> are needed. </p>
This is a convenience that creates an instance of the {
@link String.Builder} avoiding the need to create one manually via {
@link String#builder()}. When the {
@link Consumer} completes, {
@link String.Builder#build()} is called immediately and its result is passed to {
@link ESPartitionInstanceTypeAsString(String).}@n@param instanceType a consumer that will call methods on {
@link String.Builder}@n@return Returns a reference to this object so that method calls can be chained together.@n@section #instanceType(String)",
"deprecated": false,
"documentation": "<p>The instance type for an Elasticsearch cluster for which Elasticsearch <code>a>Limits</code> are needed. </p>
",
"enumType": "ESPartitionInstanceType",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "instanceType",
"fluentEnumSetterMethodName": "instanceType",
"fluentGetterMethodName": "instanceTypeAsString",
"fluentSetterDocumentation": "<p>The instance type for an Elasticsearch cluster for which Elasticsearch <code>a>Limits</code> are needed. </p>
@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <code>a>Limits</code> are needed.@n@Configuration
@see ESPartitionInstanceType@n@return Returns a reference to this object so that method calls can be chained together.@n@section #instanceType
"fluentSetterMethodName": "instanceType",
"getterDocumentation": "<p>The instance type for an Elasticsearch cluster for which Elasticsearch <code>a>Limits</code> are needed. </p>
If the service returns an enum value that is not available in the current SDK version, {
@link #instanceType} will return {
@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {
@link ESPartitionInstanceTypeAsString}.@n@return The instance type for an Elasticsearch cluster for which Elasticsearch <code>a>Limits</code> are needed.@n@Configuration
@see ESPartitionInstanceType",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"method": "GET",
"requestModel": null,
"responseModel": null
},
"responseMarshaller": null,
"responseUnmarshaller": null,
"responseUnmarshallerClassOverride": null,
"responseXmlNamespaceUri": null,
"responseXmlRootName": null,
"responseXmlRootNamespaceUri": null,
"serviceOperationName": "getInstanceTypeAsString",
"supportedRequestAcl": null,
"supportedResponseAcl": null
}
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "uri",
"marshallLocation" : "PATH",
"marshallLocationName" : "InstanceType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceType",
"uri" : true,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"setterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code> Limits</code> are needed. </p>
@param instanceType The instance type for an Elasticsearch cluster for which Elasticsearch <code>Limits</code> are needed. <p>@see ESPartitionInstanceType</p>"
,"setterMethodName" : "setInstanceType",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "instanceType",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "String",
   "variableName" : "instanceType",
   "variableType" : "String",
   "documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>Limits</code> are needed. </p>",
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt; </code> for existing domain. </p>
This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #domainName(String)].
@returns a reference to this object so that method calls can be chained together.
@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt; </code> for existing domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt; </code> for existing domain. </p>
@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt; </code> for existing domain.
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName",
"getterDocumentation" : "<p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt; </code> for existing domain. </p>
@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code>&lt;a&gt;Limits&lt;/a&gt; </code> for existing domain.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "queryString",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "\p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain. \n\n\n@\param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "\p> DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for Elasticsearch <code> <a>Limits</a> </code> for existing domain.
\n\n\n"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {"beanStyleGetterMethodName" : "getInstanceTypeAsString",
"beanStyleSetterMethodName" : "setInstanceType",
"c2jName" : "InstanceType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "\p> The instance type for an Elasticsearch cluster for which Elasticsearch <code> <a>Limits</a> </code> are needed. \n\n\nThis is a convenience that creates an instance of the <a> String.Builder </a> avoiding the need to create one manually via \{ link String#builder() \}. When the \{ link
Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link 
String.Builder\n}n@returns a reference to this object so that method calls can be chained together.\n@see 
StringBuilder(String)

"deprecated" : false,
"documentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch <code>
</code> Limits</a> are needed. </p>

"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "instanceType",
"fluentEnumSetterMethodName" : "instanceType",
"fluentGetterMethodName" : "instanceTypeAsString",
"fluentSetterDocumentation" : "<p> The instance type for an Elasticsearch cluster for which Elasticsearch
</code> Limits</a> are needed. </p>

If the service returns an enum value that is not available in the current SDK version, {@link #instanceType} will return {@link 
ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link 
#instanceTypeAsString}. The instance type for an Elasticsearch cluster for which Elasticsearch <code>
</code> Limits</a> are needed. \n@see 
ESPartitionInstanceType

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "InstanceType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceType",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
“setterDocumentation” : “The instance type for an Elasticsearch cluster for which Elasticsearch `<code>Limits</code>` are needed. `<p>`The instance type for an Elasticsearch cluster for which Elasticsearch `<code>Limits</code>` are needed.<br>see ESPartitionInstanceType”,

“setterMethodName” : “setInstanceType”,

“setterModel” : {
    “variableDeclarationType” : “String”,
    “variableName” : “instanceType”,
    “variableType” : “String”,
    “documentation” : null,
    “simpleType” : “String”,
    “variableSetterType” : “String”
},

“simple” : true,

timestampFormat” : null,

“variable” : {
    “variableDeclarationType” : “String”,
    “variableName” : “instanceType”,
    “variableType” : “String”,
    “documentation” : “The instance type for an Elasticsearch cluster for which Elasticsearch `<code>Limits</code>` are needed. `<p>`The instance type for an Elasticsearch cluster for which Elasticsearch `<code>Limits</code>` are needed.<br>see ESPartitionInstanceType”,

“variableSetterType” : “String”
},

“xmlNameSpaceUri” : null
}
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "elasticsearchVersion",
"fluentSetterDocumentation": "Version of Elasticsearch for which <code>Limits</code> are needed.

@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "elasticsearchVersion",
"getterDocumentation": "Version of Elasticsearch for which <code>Limits</code> are needed.

@returns Version of Elasticsearch for which <code>Limits</code> are needed.",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": "uri",
"marshallLocation": "PATH",
"marshallLocationName": "ElasticsearchVersion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ElasticsearchVersion",
"uri": true
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ElasticsearchVersion",
"setterDocumentation": "Version of Elasticsearch for which <code>Limits</code> are needed.

@returns Version of Elasticsearch for which <code>Limits</code> are needed.",
"setterMethodName": "setElasticsearchVersion",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "elasticsearchVersion",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ { 
  "beanStyleGetterMethodName" : "getLimitsByRole",
  "beanStyleSetterMethodName" : "setLimitsByRole",
  "c2jName" : "LimitsByRole",
  "c2jShape" : "LimitsByRole",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. This is a convenience that creates an instance of the [Map<String,Limits>.Builder] avoiding the need to create one manually via [Map<String,Limits>#builder()]. When the [Consumer] completes, [Map<String,Limits>.Builder#build()] is called immediately and its result is passed to [limitsByRole(Map<String,Limits>)).

@param limitsByRole a consumer that will call methods on [Map<String,Limits>.Builder]

@return Returns a reference to this object so that method calls can be chained together.

@see #limitsByRole(Map<String,Limits>)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "limitsByRole",
  "fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object.

The new value for the LimitsByRole property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@see #limitsByRole()

@returns {LimitsByRole}

The value of the LimitsByRole property for this object.

@returns {LimitsByRole}

@returns {LimitsByRole}"
  
  "getterDocumentation" : "Returns the value of the LimitsByRole property for this object.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The value of the LimitsByRole property for this object.

getterModel" : { 
  "returnType" : "java.util.Map<String,Limits>",
  "documentation" : null
  },
  "http" : { 
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitsByRole",
  "queryString" : false,
  "statusCode" : false,
  "statusModel" : false,
"unmarshallLocationName": "LimitsByRole",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
  "implType": "java.util.HashMap",
  "interfaceType": "java.util.Map",
  "keyLocationName": "key",
  "keyModel": {
    "beanStyleGetterMethodName": "getKey",
    "beanStyleSetterMethodName": "setKey",
    "c2jName": "key",
    "c2jShape": "InstanceRole",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}. 
@param key a consumer that will call methods on { @link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #key(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "key",
  "fluentSetterDocumentation": "Sets the value of the Key property for this object.
The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "key",
  "getterDocumentation": "Returns the value of the Key property for this object.
@return The value of the Key property for this object.",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "Limits"
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the `{@link Limits.Builder}` avoiding the need to create one manually via `{@link Limits#builder()}`. When the `{@link Consumer} completes, `{@link Limits.Builder#build()}` is called immediately and its result is passed to `{@link value(Limits)}`.

@see value(Limits)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object. The new value for the Value property for this object is returned.

@see value(Limits)",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object. The value of the Value property for this object is returned.

@see value(Limits)",
"getterModel" : {
  "returnType" : "Limits",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object."
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "Limits",
  "variableName" : "value",
  "variableType" : "Limits",
  "documentation" : null,
  "simpleType" : "Limits",
  "variableSetterType" : "Limits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Limits",
  "variableName" : "value",
  "variableType" : "Limits",
  "documentation" : null,
  "simpleType" : "Limits",
  "variableSetterType" : "Limits"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@param limitsByRole The new value for the LimitsByRole property for this object."
"setterMethodName" : "setLimitsByRole",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "documentation" : null,
  "simpleType" : "Map<String,Limits>",
  "variableSetterType" : "java.util.Map<String,Limits>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "documentation" : "",
  "simpleType" : "Map<String,Limits>",
  "variableSetterType" : "Map<String,Limits>",
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.Map<String,Limits>",
    "variableName" : "limitsByRole",
    "variableType" : "java.util.Map<String,Limits>",
    "documentation" : "",
    "simpleType" : "Map<String,Limits>",
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "java.util.Map<String,Limits>",
      "variableName" : "limitsByRole",
      "variableType" : "java.util.Map<String,Limits>",
      "documentation" : "",
      "simpleType" : "Map<String,Limits>",
      "timestampFormat" : null,
"variableSetterType": "java.util.Map<String,Limits>",
"xmlnsSpaceUri": null
}],
"membersAsMap": {
"LimitsByRole": {
"beanStyleGetterMethodName": "getLimitsByRole",
"beanStyleSetterMethodName": "setLimitsByRole",
"c2jName": "LimitsByRole",
"c2jShape": "LimitsByRole",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the LimitsByRole property for this object. This is a convenience that creates an instance of the [\@link Map<String,Limits>.Builder] avoiding the need to create one manually via [\@link Map<String,Limits>#builder()]. When the [\@link Consumer] completes, [\@link Map<String,Limits>.Builder#build()] is called immediately and its result is passed to [\@link Map<String,Limits>\#limitsByRole(Map<String,Limits>)]\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #limitsByRole(Map<String,Limits>)",
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "limitsByRole",
"fluentSetterDocumentation": "Sets the value of the LimitsByRole property for this object.\n@returns Returns a reference to this object so that method calls can be chained together.\n@param limitsByRole The new value for the LimitsByRole property for this object.\n@return The new value for the LimitsByRole property for this object.\nAttempts to modify the collection returned by this method will result in an UnsupportedOperation Exception.\n@see #limitsByRole(Map<String,Limits>)",
"getterDocumentation": "Returns the value of the LimitsByRole property for this object. Attempts to modify the collection returned by this method will result in an UnsupportedOperation Exception.\n@return The value of the LimitsByRole property for this object."
,"getterModel": {
"returnType": "java.util.Map<String,Limits>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "LimitsByRole",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "LimitsByRole",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
  "implType": "java.util.HashMap",
  "interfaceType": "java.util.Map",
  "keyLocationName": "key",
  "keyModel": {
    "beanStyleGetterMethodName": "getKey",
    "beanStyleSetterMethodName": "setKey",
    "c2jName": "key",
    "c2jShape": "InstanceRole",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link #key(String)}. The new value for the Key property for this object.
@see #key(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": "null",
  "fluentEnumSetterMethodName": "null",
  "fluentGetterMethodName": "key",
  "fluentSetterDocumentation": "Sets the value of the Key property for this object.
The new value for the Key property for this object.
@see #key(String)",
  "getterModel": {
    "returnType": "String",
    "documentation": "null"
  }
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "key",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "key",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.\n\n@\n\n@param key The new value for the Key property for this object.\n",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "setterDocumentation": "Sets the value of the Key property for this object.\n\n@\n\n@param key The new value for the Key property for this object.\n",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "setterDocumentation": "Sets the value of the Key property for this object.\n\n@\n\n@param key The new value for the Key property for this object.\n",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "setterDocumentation": "Sets the value of the Key property for this object.\n\n@\n\n@param key The new value for the Key property for this object.\n",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}
"c2jShape" : "Limits",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {@link Limits.Builder} avoiding the need to create one manually via {@link Limits.Builder()}. When the {@link Consumer} completes, {@link Limits.Builder#build()} is called immediately and its result is passed to {@link #value(Limits)}. @param value a consumer that will call methods on {@link Limits.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

see #value(Limits)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.

@return Returns a reference to this object so that method calls can be chained together.
",
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.
",
"getterModel" : {
"returnType" : "Limits",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@summary The new value for the Value property for this object.

@param value The new value for the Value property for this object.

.setterMethodName" : "setValue",
"setterModel" : {
"variableDeclarationType" : "Limits",
"variableName" : "value",
"variableType" : "Limits",
"documentation" : null,
"simpleType" : "Limits",
"variableSetterType" : "Limits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Limits",
"variableName" : "value",
"variableType" : "Limits",
"documentation" : "",
"simpleType" : "Limits",
"variableSetterType" : "Limits"
},
"xmlNameSpaceUri" : null
),
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.

@summary The new value for the LimitsByRole property for this object.

@param limitsByRole The new value for the LimitsByRole property for this object.

.setterMethodName" : "setLimitsByRole",
"setterModel" : {
"variableDeclarationType" : "java.util.Map<String,Limits>",
"variableName" : "limitsByRole",
"variableType" : "java.util.Map<String,Limits>",
"documentation" : null,
"simpleType" : "Map<String,Limits>",
"variableSetterType" : "java.util.Map<String,Limits>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.Map<String,Limits>",
"variableName" : "limitsByRole",
"variableType" : "java.util.Map<String,Limits>",
"documentation" : "",
"simpleType" : "Map<String,Limits>",
"variableSetterType" : "java.util.Map<String,Limits>"}
"simpleType" : "Map<String,Limits>",
"variableSetterType" : "java.util.Map<String,Limits>"
},
"xmlNameSpaceUri" : null
}
}

"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getLimitsByRole",
"beanStyleSetterMethodName" : "setLimitsByRole",
"c2jName" : "LimitsByRole",
"c2jShape" : "LimitsByRole",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. This is a convenience that creates an instance of the [Map<String,Limits>.Builder] avoiding the need to create one manually via [Map<String,Limits>#builder()]. When the [Consumer] completes, [Map<String,Limits>.Builder#build()] is called immediately and its result is passed to [limitsByRole(Map<String,Limits>)].
@param limitsByRole a consumer that will call methods on [Map<String,Limits>.Builder]
@return Returns a reference to this object so that method calls can be chained together."
,"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitsByRole",
"fluentSetterDocumentation" : "Sets the value of the LimitsByRole property for this object. The new value for the LimitsByRole property for this object so that method calls can be chained together."
,"getterDocumentation" : "Returns the value of the LimitsByRole property for this object.
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException."
,"getterModel" : {
"returnType" : "java.util.Map<String,Limits>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitsByRole",}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitsByRole",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "InstanceRole",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the \{ @link String.Builder} avoiding the need to create one manually via \{ @link String#builder()}.\nWhen the \{ @link Consumer} completes, \{ @link String.Builder#build()} is called immediately and its result is passed to \{ @link #key(String)}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the \{ @link String.Builder} avoiding the need to create one manually via \{ @link String#builder()}.\nWhen the \{ @link Consumer} completes, \{ @link String.Builder#build()} is called immediately and its result is passed to \{ @link #key(String)}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the \{ @link String.Builder} avoiding the need to create one manually via \{ @link String#builder()}.\nWhen the \{ @link Consumer} completes, \{ @link String.Builder#build()} is called immediately and its result is passed to \{ @link #key(String)}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the \{ @link String.Builder} avoiding the need to create one manually via \{ @link String#builder()}.\nWhen the \{ @link Consumer} completes, \{ @link String.Builder#build()} is called immediately and its result is passed to \{ @link #key(String)}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the \{ @link String.Builder} avoiding the need to create one manually via \{ @link String#builder()}.\nWhen the \{ @link Consumer} completes, \{ @link String.Builder#build()} is called immediately and its result is passed to \{ @link #key(String)}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"eventHeader" : false,
"eventPayload" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
"c2jName" : "value",
"c2jShape" : "Limits",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {@link Limits.Builder} avoiding the need to create one manually via {@link Limits#builder()}. When the [@link Consumer} completes, [@link Limits.Builder#build()] is called immediately and its result is passed to [@link value(Limits)].

@see #value(Limits)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

The new value for the Value property for this object.

@see #value(Limits)",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@see #value(Limits)",
"getterModel" : {

"returnType" : "Limits",
"documentation" : null
},
"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@\n@param value The new value for the Value property for this object.\n",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "Limits",
  "variableName" : "value",
  "variableType" : "Limits",
  "documentation" : null,
  "simpleType" : "Limits",
  "variableSetterType" : "Limits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Limits",
  "variableName" : "value",
  "variableType" : "Limits",
  "documentation" : "",
  "simpleType" : "Limits",
  "variableSetterType" : "Limits"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, Limits>",
"templateType" : "java.util.Map<String,Limits>"
},
"marshallingType" : "MAP",
"name" : "LimitsByRole",
"setterDocumentation" : "Sets the value of the LimitsByRole property for this object.\n\n@\n@param limitsByRole The new value for the LimitsByRole property for this object.\n",
"setterMethodName" : "setLimitsByRole",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "documentation" : null,
  "simpleType" : "Map<String,Limits>",
  "variableSetterType" : "java.util.Map<String,Limits>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,Limits>",
  "variableName" : "limitsByRole",
  "variableType" : "java.util.Map<String,Limits>",
  "variableSetterType" : "java.util.Map<String,Limits>",
  "variableName" : "}

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"documentation" : "",
"simpleType" : "Map<String,Limits>",
"variableSetterType" : "java.util.Map<String,Limits>"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeElasticsearchInstanceTypeLimitsResponse",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
"variableName" : "describeElasticsearchInstanceTypeLimitsResponse",
"variableType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
"documentation" : null,
"simpleType" : "DescribeElasticsearchInstanceTypeLimitsResponse",
"variableSetterType" : "DescribeElasticsearchInstanceTypeLimitsResponse"
},
"wrapper" : false
},
"DescribeReservedElasticsearchInstanceOfferingsRequest" : {
"c2jName" : "DescribeReservedElasticsearchInstanceOfferingsRequest",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstanceOfferings</code></p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
"documentation" : "",
"simpleType" : "Map<String,Limits>",
"variableSetterType" : "java.util.Map<String,Limits>"
},
"xmlNameSpaceUri" : null
}
"action" : "DescribeReservedElasticsearchInstanceOfferings",
"locationName" : null,
"requestUri" : "/2015-01-01/es/reservedInstanceOfferings",
"target" : null,
"verb" : "GET",
"xmlNameSpaceUri" : null
],
"members" : [ {
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"c2jName" : "ReservedElasticsearchInstanceOfferingId",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()] .
When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link reservedElasticsearchInstanceOfferingId(String)].

@see
#reservedElasticsearchInstanceOfferingId(String)

@deprecated
"false",
"documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
@see
#reservedElasticsearchInstanceOfferingId(String)

@see
reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.

@return
Returns a reference to this object so that method calls can be chained together.

@see
reservedElasticsearchInstanceOfferingId(String)

@getDocumentation
"String",
"documentation" : null
},
"http" : { 
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "offeringId",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "offeringId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceOfferingId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}
,"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceOfferingId",
"variableType" : "String",
"documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults"
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link Integer.Builder#maxResults(Integer)}. @param maxResults a consumer that will call methods on {@link Integer.Builder} @return Returns a reference to this object so that method calls can be chained together.{@see #maxResults(Integer)}",
"deprecated" : false,
"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
"enumType" : null,
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@return Set this value to limit the number of results returned. If not specified, defaults to 100.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
  <p>This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.<br/> When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}.
  
  @param nextToken a consumer that will call methods on { @link String.Builder}
  @return Returns a reference to this object so that method calls can be chained together.<@see #nextToken(String)}",
  "deprecated" : false,
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.
getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.
setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "complexType" : "String"
"variableSetterType" : "String",
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}]

"membersAsMap" : {
  "MaxResults" : {
    "beanStyleGetterMethodName" : "getMaxResults",
    "beanStyleSetterMethodName" : "setMaxResults",
    "c2jName" : "MaxResults",
    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Set this value to limit the number of results returned. If
not specified, defaults to 100.&lt;/p&gt;&lt;ul&gt;&lt;li&gt;This is a convenience that creates an instance of the {&lt;link Integer.Builder&gt;}
avoiding the need to create one manually via {&lt;link Integer.builder()&gt;}.&lt;/li&gt;&lt;li&gt;When the {&lt;link Consumer&gt;}
completes, {&lt;link Integer.Builder#build()&gt;} is called immediately and its result is passed to {&lt;link
#maxResults(Integer)&gt;}.&lt;/li&gt;&lt;li&gt;@param maxResults a consumer that will call methods on {&lt;link
Integer.Builder&gt;}&lt;/li&gt;&lt;li&gt;@return Returns a reference to this object so that method calls can be chained together.&lt;/li&gt;&lt;li&gt;&lt;see
#maxResults(Integer)&gt;\n</li&gt;&lt;/ul&gt;&lt;p&gt;\n\n    "deprecated" : false,
    "documentation" : "&lt;p&gt;Set this value to limit the number of results returned. If not specified, defaults to
100.&lt;/p&gt;",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maxResults",
    "fluentSetterDocumentation" : "&lt;p&gt;Set this value to limit the number of results returned. If not specified,
defaults to 100.&lt;/p&gt;&lt;ul&gt;&lt;li&gt;\n    @param maxResults Set this value to limit the number of results returned. If not specified,
defaults to 100.\n    @return Returns a reference to this object so that method calls can be chained together.\n    ,
    "fluentSetterMethodName" : "maxResults",
    "getterDocumentation" : "&lt;p&gt;Set this value to limit the number of results returned. If not specified, defaults to
100.&lt;/p&gt;&lt;ul&gt;&lt;li&gt;\n    @return Set this value to limit the number of results returned. If not specified, defaults to
100.\n    ,
    "getterModel" : {
      "returnType" : "Integer",
      "documentation" : null
    },
    "http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.\n</p>\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.\n</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
"NextToken": {
    "beanStyleGetterMethodName": "getNextToken",
    "beanStyleSetterMethodName": "setNextToken",
    "c2jName": "NextToken",
    "c2jShape": "NextToken",
    "defaultConsumerFluentSetterDocumentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String#builder()}. When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #nextToken(String)}.  
  
  When the {link #nextToken(String)} completes, a consumer that will call methods on {link String.Builder} is called immediately and its result is passed to {link #nextToken(String)}.  

  Returns a reference to this object so that method calls can be chained together.";
  "documentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "nextToken",
  "fluentSetterDocumentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.
@return Returns a reference to this object so that method calls can be chained together.";
  "fluentSetterMethodName": "nextToken",
  "getterDocumentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": "querystring",
    "marshallLocation": "QUERY_PARAM",
    "marshallLocationName": "nextToken",
    "queryString": true,
    "statusCode": false,
    "unmarshallLocationName": "nextToken",
    "unmarshallModel": null,
    "unmarshallObjectLiteral": null,
    "unmarshallResponse": null,
    "unmarshallType": null
  }
}
"uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"ListModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
    "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
    "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
    "c2jName" : "ReservedElasticsearchInstanceOfferingId",
    "c2jShape" : "GUID",
    "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on {@link String.Builder} avoids the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstanceOfferingId(String)}.<p>
@return Returns a reference to this object so that method calls can be chained together.<p>
@see
#reservedElasticsearchInstanceOfferingId(String)

"deprecated" : false,
"documentation" : "\pThe offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.\p",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "\pThe offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.\p",

reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.

@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "\pThe offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.\p",

@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",

"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "querystring",
    "marshallLocation" : "QUERY_PARAM",
    "marshallLocationName" : "offeringId",
    "queryString" : true,
    "statusCode" : false,
    "unmarshallLocationName" : "offeringId",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

@<param reservedElasticsearchInstanceOfferingId

The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.
",

"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",

"setterModel" : {

"variableDeclarationType" : "String",

"variableName" : "reservedElasticsearchInstanceOfferingId",

"variableType" : "String",

"documentation" : null,

"simpleType" : "String",

"variableSetterType" : "String"
}

,"simple" : true,

"timestampFormat" : null,

"variable" : {

"variableDeclarationType" : "String",

"variableName" : "reservedElasticsearchInstanceOfferingId",

"variableType" : "String",

"documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. Returns a reference to this object so that method calls can be chained together."

@see #reservedElasticsearchInstanceOfferingId(String)

"deprecated" : false,

"documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"xmlNameSpaceUri" : null
}

,"nonStreamingMembers" : [ {

"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",

"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",

"c2jName" : "ReservedElasticsearchInstanceOfferingId",

"c2jShape" : "GUID",

"defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

@<param reservedElasticsearchInstanceOfferingId

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}. Returns a reference to this object so that method calls can be chained together."

@see #reservedElasticsearchInstanceOfferingId(String)

"deprecated" : false,

"documentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"xmlNameSpaceUri" : null
}];

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"xmlNameSpaceUri" : null}
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
@return The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "queryString",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "offeringId",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "offeringId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.</p>
@param reservedElasticsearchInstanceOfferingId The offering identifier filter value. Use this parameter to show only the available offering that matches the specified reservation identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String"}
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100."
,"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
", 
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

This is a convenience that creates an instance of the \{ @link String.Builder\} avoiding the need to create one manually via \{ @link String#builder()\}.

When the \{ @link Consumer\} completes, \{ @link String.Builder#build()\} is called immediately and its result is passed to \{ @link #nextToken(String)\}.

@see #nextToken(String)

NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

EnumType: null

EventHeader: false

EventPayload: false

FluentEnumGetterMethodName: null

FluentEnumSetterMethodName: null

FluentGetterMethodName: "nextToken"

FluentSetterDocumentation: "NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",

FluentSetterMethodName: "nextToken"

GetterDocumentation: "NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

@see #nextToken(String)"

GetterModel: {
  "returnType": "String",
  "documentation": null
},

Http: {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": "querystring",
  "marshallLocation": "QUERY_PARAM",
  "marshallLocationName": "nextToken",
  "queryString": true,
  "statusCode": false,
  "unmarshallLocationName": "nextToken",
  "uri": false
}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "NextToken",
"setterDocumentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>\n@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"setterMethodName": "setNextToken",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "DescribeReservedElasticsearchInstanceOfferingsRequest",
"simpleMethod": true,
"unmarshaller": null,
"variable": {
  "variableDeclarationType": "DescribeReservedElasticsearchInstanceOfferingsRequest",
  "variableName": "describeReservedElasticsearchInstanceOfferingsRequest",
  "variableType": "DescribeReservedElasticsearchInstanceOfferingsRequest",
  "documentation": null,
  "simpleType": "DescribeReservedElasticsearchInstanceOfferingsRequest",
  "variableSetterType": "DescribeReservedElasticsearchInstanceOfferingsRequest"
"DescribeReservedElasticsearchInstanceOfferingsResponse": {
  "c2jName": "DescribeReservedElasticsearchInstanceOfferingsResponse",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "Container for results from DescribeReservedElasticsearchInstanceOfferings",
  "enums": null,
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
  "members": [
    { "beanStyleGetterMethodName": "getNextToken",
      "beanStyleSetterMethodName": "setNextToken",
      "c2jName": "NextToken",
      "c2jShape": "NextToken",
      "defaultConsumerFluentSetterDocumentation": "Provides an identifier to allow retrieval of paginated results.
This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String.Builder().\nWhen the String.Builder completes, is called immediately and its result is passed to String.Builder.build() a consumer that will call methods on String.Builder\nreturn Returns a reference to this object so that method calls can be chained together.\nsee #nextToken(String)",
      "deprecated": false,
      "documentation": "Provides an identifier to allow retrieval of paginated results.
enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "nextToken",
  "fluentSetterDocumentation": "Provides an identifier to allow retrieval of paginated results.\n@return Returns a reference to this object so that method calls can be chained together.\n"
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>

Provides an identifier to allow retrieval of paginated results."

getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"isList" : false,
"ListModel" : null,
"isMap" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>

nextToken Provides an identifier to allow retrieval of paginated results."

setterMethodName" : "setNextToken",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"}
"variableType": "String",
"documentation": "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
],

"beanStyleGetterMethodName": "getReservedElasticsearchInstanceOfferings",
"beanStyleSetterMethodName": "setReservedElasticsearchInstanceOfferings",
"c2jName": "ReservedElasticsearchInstanceOfferings",
"c2jShape": "ReservedElasticsearchInstanceOfferingList",
"defaultConsumerFluentSetterDocumentation": "<p>List of reserved Elasticsearch instance offerings</p>
This is a convenience that creates an instance of the {@[link
List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via {@[link
List<ReservedElasticsearchInstanceOffering>#builder()}.

When the {@[link Consumer} completes, {@[link
List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to
{@[link #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}. Returns a reference to this object so that method calls can be chained together.

@see #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",

"deprecated": false,
"documentation": "<p>List of reserved Elasticsearch instance offerings</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "reservedElasticsearchInstanceOfferings",
"fluentSetterDocumentation": "<p>List of reserved Elasticsearch instance offerings</p>
@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings
@return Returns a reference to this object so that method calls can be chained together.
"
"fluentSetterMethodName": "reservedElasticsearchInstanceOfferings",
"getterDocumentation": "<p>List of reserved Elasticsearch instance offerings</p>
@throws UnsupportedOperationException Attempts to modify the collection returned by this method will result in a UnsupportedOperationException.

@return A list of reserved Elasticsearch instance offerings.
"
"getterModel": {
  "returnType": "java.util.List<ReservedElasticsearchInstanceOffering>",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstanceOffering",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the @link ReservedElasticsearchInstanceOffering.Builder avoiding the need to create one manually via @link ReservedElasticsearchInstanceOffering#builder(). When the @link Consumer completes, @link ReservedElasticsearchInstanceOffering.Builder#build() is called immediately and its result is passed to @link #member(ReservedElasticsearchInstanceOffering)\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(ReservedElasticsearchInstanceOffering)",
    "deprecated" : false,
    "documentation" : ""
  },
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@return The value of the Member property for this object.\n\n@see #member(ReservedElasticsearchInstanceOffering)",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together."
},
"http" : {
  "additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstanceOffering",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstanceOffering",
  "variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstanceOffering",
  "documentation" : "",
  "simpleType" : "ReservedElasticsearchInstanceOffering",
  "variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstanceOffering",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstanceOffering",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType" : "java.util.List<ReservedElasticsearchInstanceOffering>"}
,
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstanceOfferings",
"setterDocumentation" : "List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {

"variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"variableName" : "reservedElasticsearchInstanceOfferings",
"variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation" : null,
"simpleType" : "List<ReservedElasticsearchInstanceOffering>",
"variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"}
,
"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"variableName" : "reservedElasticsearchInstanceOfferings",
"variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation" : "List of reserved Elasticsearch instance offerings",
"simpleType" : "List<ReservedElasticsearchInstanceOffering>",
"variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"}
,
"xmlNameSpaceUri" : null
} ]
,"membersAsMap" : {

"NextToken" : {

"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Provides an identifier to allow retrieval of paginated results.\n\nThis is a convenience that creates an instance of the \n{@link String.Builder} avoiding the need to create one manually via \n{@link String.Builder.build()}.\n\nWhen the \n{@link Consumer} completes, \n{@link String.Builder#build()} is called immediately and its result is passed to \n{@link #nextToken(String)}\n\n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p> ",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param nextToken Provides an identifier to allow retrieval of paginated results.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@return Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
 },
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "NextToken",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "NextToken",
   "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param nextToken Provides an identifier to allow retrieval of paginated results.
@return Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "nextToken",
}}
"returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation" : null
},
"http" : {  
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstanceOffering",
    "defaultValueFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the @link ReservedElasticsearchInstanceOffering.Builder avoiding the need to create one manually via @link ReservedElasticsearchInstanceOffering#builder()). When the @link Consumer completes, @link ReservedElasticsearchInstanceOffering.Builder#build() is called immediately and its result is passed to @link #member(ReservedElasticsearchInstanceOffering)\n\n@see #member(ReservedElasticsearchInstanceOffering)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@see #member(ReservedElasticsearchInstanceOffering)"
  }
}
The new value for the Member property for this object.

@returns Returns a reference to this object so that method
calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@returns The value of
the Member property for this object.

"getterModel" : {
   "returnType" : "ReservedElasticsearchInstanceOffering",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "member",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "member",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@returns The
new value for the Member property for this object.

"setterMethodName" : "setMember",
"setterModel" : {
   "variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
   "variableName" : "member",
   "variableType" : "ReservedElasticsearchInstanceOffering",
   "documentation" : null,
   "simpleType" : "ReservedElasticsearchInstanceOffering",
   "variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
"variableName" : "member",
"variableType" : "ReservedElasticsearchInstanceOffering",
"documentation" : "",
"simpleType" : "ReservedElasticsearchInstanceOffering",
"variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstanceOffering",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstanceOffering",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType" : "java.util.List<ReservedElasticsearchInstanceOffering>
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstanceOfferings",
"setterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>
@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
    "variableName" : "reservedElasticsearchInstanceOfferings",
    "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
    "documentation" : null,
    "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
    "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
    "variableName" : "reservedElasticsearchInstanceOfferings",
    "variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
    "documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
    "simpleType" : "List<ReservedElasticsearchInstanceOffering>",
    "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>
"},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }.\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #nextToken(String) }.\n@param nextToken a consumer that will call methods on { @link String.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.\n</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.\n</p>
@param nextToken Provides an identifier to allow retrieval of paginated results.\n@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.\n</p>
@return Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"ListModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param
nextToken Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferings",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferings",
"c2jName" : "ReservedElasticsearchInstanceOfferings",
"c2jShape" : "ReservedElasticsearchInstanceOfferingList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>
This is a convenience that creates an instance of the { @link List<ReservedElasticsearchInstanceOffering>.Builder} avoiding the need to create one manually via { @link List<ReservedElasticsearchInstanceOffering>#builder()}. When the { @link Consumer} completes, { @link List<ReservedElasticsearchInstanceOffering>.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)}.
@param
reservedElasticsearchInstanceOfferings a consumer that will call methods on { @link List<ReservedElasticsearchInstanceOffering>.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see
#reservedElasticsearchInstanceOfferings(List<ReservedElasticsearchInstanceOffering>)",
"deprecated" : false,
"documentation" : "<p>List of reserved Elasticsearch instance offerings</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferings",
"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>
@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferings",
"getterDocumentation" : "<p>List of reserved Elasticsearch instance offerings</p>
<p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>
@return List of reserved Elasticsearch instance offerings",
"getterModel" : {
"returnType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferings",
 "uri" : false
},
"idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : true,
 "listModel" : {
 "implType" : "java.util.ArrayList",
 "interfaceType" : "java.util.List",
 "listMemberModel" : {
 "beanStyleGetterMethodName" : "getMember",
 "beanStyleSetterMethodName" : "setMember",
 "c2jName" : "member",
 "c2jShape" : "ReservedElasticsearchInstanceOffering",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the { @link ReservedElasticsearchInstanceOffering.Builder} avoiding the need to create one manually via { @link ReservedElasticsearchInstanceOffering.Builder#builder()}. 

When the { @link Consumer} completes, { @link ReservedElasticsearchInstanceOffering.Builder#build()} is called immediately and its result is passed to { @link #member(ReservedElasticsearchInstanceOffering)}. 
@return member a consumer that will call methods on 
 { @link ReservedElasticsearchInstanceOffering.Builder} 
@return Returns a reference to this object so that method
calls can be chained together.

@see #member(ReservedElasticsearchInstanceOffering)

The new value for the Member property for this object.

@param member The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@setterDocumentation "Sets the value of the Member property for this object.

@ see #member(ReservedElasticsearchInstanceOffering)"

@setterMethodName "setMember"

@setterModel {"returnType" : "ReservedElasticsearchInstanceOffering", "documentation" : null}

@marshallLocation "PAYLOAD"

@marshallLocationName "member"

@name "Member"

@setterDocumentation "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@setterMethodName "setMember"

@setterModel {"returnType" : "ReservedElasticsearchInstanceOffering", "documentation" : null}
"variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
"variableName" : "member",
"variableType" : "ReservedElasticsearchInstanceOffering",
"documentation" : null,
"simpleType" : "ReservedElasticsearchInstanceOffering",
"variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ReservedElasticsearchInstanceOffering",
"variableName" : "member",
"variableType" : "ReservedElasticsearchInstanceOffering",
"documentation" : "",
"simpleType" : "ReservedElasticsearchInstanceOffering",
"variableSetterType" : "ReservedElasticsearchInstanceOffering"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstanceOffering",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstanceOffering",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstanceOffering>",
"templateType" : "java.util.List<ReservedElasticsearchInstanceOffering>" 
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstanceOfferings",
"setterDocumentation" : "List of reserved Elasticsearch instance offerings\n@param reservedElasticsearchInstanceOfferings List of reserved Elasticsearch instance offerings",
"setterMethodName" : "setReservedElasticsearchInstanceOfferings",
"setterModel" : {
"variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"variableName" : "reservedElasticsearchInstanceOfferings",
"variableType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation" : null,
"simpleType" : "List<ReservedElasticsearchInstanceOffering>",
"variableSetterType" : "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<ReservedElasticsearchInstanceOffering>",
"variableName": "reservedElasticsearchInstanceOfferings",
"variableType": "java.util.List<ReservedElasticsearchInstanceOffering>",
"documentation": "<p>List of reserved Elasticsearch instance offerings</p>",
"simpleType": "List<ReservedElasticsearchInstanceOffering>",
"variableSetterType": "java.util.Collection<ReservedElasticsearchInstanceOffering>"
},
"xmlNameSpaceUri": null
],
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "DescribeReservedElasticsearchInstanceOfferingsResponse",
"simpleMethod": false,
"unmarshaller": {
"flattened": false,
"resultWrapper": null
},
"variable": {
"variableDeclarationType": "DescribeReservedElasticsearchInstanceOfferingsResponse",
"variableName": "describeReservedElasticsearchInstanceOfferingsResponse",
"variableType": "DescribeReservedElasticsearchInstanceOfferingsResponse",
"documentation": null,
"simpleType": "DescribeReservedElasticsearchInstanceOfferingsResponse",
"variableSetterType": "DescribeReservedElasticsearchInstanceOfferingsResponse"
},
"wrapper": false
},
"DescribeReservedElasticsearchInstancesRequest": {
"c2jName": "DescribeReservedElasticsearchInstancesRequest",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p>Container for parameters to
<code>DescribeReservedElasticsearchInstances</code></p>",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode" : null,
"marshaller" : { 
"action" : "DescribeReservedElasticsearchInstances",
"locationName" : null,
"requestUri" : "/2015-01-01/es/reservedInstances",
"target" : null,
"verb" : "GET",
"xmlNameSpaceUri" : null 
},
"members" : [ 
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceSid",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceSid",
"c2jName" : "ReservedElasticsearchInstanceSid",
"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String.Builder#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()]{@link String#builder()} is called immediately and its result is passed to [@link reservedElasticsearchInstanceSid(String)].

@see reservedElasticsearchInstanceSid(String)",
"deprecated" : false,
"documentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>"",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceSid",
"fluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID. Returns a reference to this object so that method calls can be chained together.

@see reservedElasticsearchInstanceSid(String)",
"getterDocumentation" : "<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID. The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID. Returns a reference to this object so that method calls can be chained together.</p>"",
"getterModel" : { 
"returnType" : "String",
"documentation" : null 
},
"http" : { 
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": "querystring",
"marshallLocation": "QUERY_PARAM",
"marshallLocationName": "reservationId",
"queryString": true,
"statusCode": false,
"unmarshallLocationName": "reservationId",
"uri": false
},

{idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservedElasticsearchInstanceId",
"setterDocumentation": "\n\n<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.\n",
"setterMethodName": "setReservedElasticsearchInstanceId",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "reservedElasticsearchInstanceId",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
}
,

"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "reservedElasticsearchInstanceId",
"variableType": "String",
"documentation": "\n\n<p>The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\n",
"simpleType": "String",
"variableSetterType": "String"
}
,
"xmlNameSpaceUri": null
}"
"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to

When the Consumer completes, a consumer that will call methods on

Integers a reference to this object so that method calls can be chained together.

@see #maxResults(Integer)",
"deprecated" : false,
"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.
@return Returns a reference to this object so that method calls can be chained together.
@see #maxResults(Integer)",
"getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@return Set this value to limit the number of results returned. If not specified, defaults to 100.
@see #maxResults(Integer)",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "MaxResults",
"setterDocumentation": "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.<br/>
@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.\n</p>",
"setterMethodName": "setMaxResults",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "maxResults",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "maxResults",
  "variableType": "Integer",
  "documentation": "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
"simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null,
"
}]
"beanStyleGetterMethodName": "getNextToken",
"beanStyleSetterMethodName": "setNextToken",
"c2jName": "NextToken",
"c2jShape": "NextToken",
"defaultConsumerFluentSetterDocumentation": "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.<br/>
\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n\nWhen the { @link String Consumer} completes, [ @link String.Builder#build()] is called immediately and its result is passed to { @link #nextToken(String)}.<br/>
\n@throws NullPointerException if no NextToken is provided<br/>
@param nextToken a consumer that will call methods on { @link String.Builder}
\n@see #nextToken(String)",
"deprecated": false,
"documentation": "<p>NextToken should be sent in case if earlier API call produced result containing<br/>
NextToken. It is used for pagination.<br/>
\n</p>",
"enumType": null,
"eventHeader": false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "nextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken"}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}]
"membersAsMap" : {
  "MaxResults" : {
    "beanStyleGetterMethodName" : "getMaxResults",
    "beanStyleSetterMethodName" : "setMaxResults",
    "c2jName" : "MaxResults",
    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p><p>This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #maxResults(Integer)}. When the Consumer completes, the Integer.Builder#build() is called immediately and its result is passed to {@link #maxResults(Integer)}.<p>See #maxResults(Integer)</p>
    "deprecated" : false,
    "documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "maxResults",
    "fluentSetterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p><p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p><p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p><p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p><p>Set this value to limit the number of results returned. If not specified, defaults to 100. 
    "fluentSetterMethodName" : "maxResults",
    "getterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
    "getterModel" : {
      "returnType" : "Integer",
    },
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.<br />\n@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.\n".
"setterMethodName" : "setMaxResults",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "maxResults",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "maxResults",
"variableType" : "Integer",
"documentation" : "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.<br />\n",
"simpleType" : "Integer"
"variableSetterType" : "Integer"
],
"xmlNameSpaceUri" : null
],
"NextToken" : {
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #nextToken(String)}.<p>
@see #nextToken(String)"
,
"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.<p>"",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.<p>
@return Returns a reference to this object so that method calls can be chained together."",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.<p>
@return Returns a reference to this object so that method calls can be chained together."",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"marshallLocationName" : "nextToken"
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>@param nextToken NextToken should be sent in case if earlier API call
produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ReservedElasticsearchInstanceId" : {
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>The reserved instance identifier filter value. Use this
parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.</p>\nThis is a
convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via
[@link String#builder()].\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called
immediately and its result is passed to \{@link #reservedElasticsearchInstanceId(String)\}.

@see #reservedElasticsearchInstanceId(String)

The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.

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The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.

@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.

@see #reservedElasticsearchInstanceId(String)

@deprecated

This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String.Builder#builder()].

When the [@link String.Builder] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link reservedElasticsearchInstanceId(String)].
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceId",
"fluentSetterDocumentation" : "The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.\n@return The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "reservationId",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "reservationId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.\n@param reservedElasticsearchInstanceId The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID."
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceId",
  "variableType" : "String",
  "documentation" : "The reserved instance identifier filter value. Use this parameter to show only the reservation that matches the specified reserved Elasticsearch instance ID.<p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "Set this value to limit the number of results returned. If not specified, defaults to 100.<p>This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #maxResults(Integer)} a consumer that will call methods on {@link Integer.Builder} returns a reference to this object so that method calls can be chained together.<p>

  "deprecated" : false,
  "documentation" : "Set this value to limit the number of results returned. If not specified, defaults to 100.<p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "Set this value to limit the number of results returned. If not specified, defaults to 100.<p>@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.<p>@return Returns a reference to this object so that method calls can be chained together.<p>

  "getterDocumentation" : "Set this value to limit the number of results returned. If not specified, defaults to 100.<p>"
"getterModel": {
  "returnType": "Integer",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": "querystring",
  "marshallLocation": "QUERY_PARAM",
  "marshallLocationName": "maxResults",
  "queryString": true,
  "statusCode": false,
  "unmarshallLocationName": "maxResults",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "MaxResults",
"setterDocumentation": "<p>Set this value to limit the number of results returned. If not specified, defaults to 100.</p>
@param maxResults Set this value to limit the number of results returned. If not specified, defaults to 100.",
"setterMethodName": "setMaxResults",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "maxResults",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "maxResults",
  "variableType": "Integer",
  "documentation": "<p>Set this value to limit the number of results returned. If not specified, defaults to\n"
100.\n\n"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()].

When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #nextToken(String)].

@see #nextToken(String)

"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

@see #nextToken(String)

"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>

@see #nextToken(String)

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "null",
"marshallerMethodName" : "null",
"marshallPropertiesMethodNames" : null,
"marshallPropertiesModel" : null,
"marshallPropertiesType" : null,
"marshallUnmarshallPurpose" : null,
"marshallingType" : null,
"prefix" : null,
"requireLogin" : false,
"serviceDataHeaderLocation" : null,
"serviceName" : null,
"serviceType" : null,
"shapeName" : "NextToken",
"responseMiddlewareParameters" : null,
"shapeAttributes" : null,
"simpleType" : null,
"variableSetterType" : null,
"xmlNameSpaceUri" : null
}
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DescribeReservedElasticsearchInstancesRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "DescribeReservedElasticsearchInstancesRequest",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.</p>"}
"variableName" : "describeReservedElasticsearchInstancesRequest",
"variableType" : "DescribeReservedElasticsearchInstancesRequest",
"documentation" : null,
"simpleType" : "DescribeReservedElasticsearchInstancesRequest",
"variableSetterType" : "DescribeReservedElasticsearchInstancesRequest"
},
"wrapper" : false
},
"DescribeReservedElasticsearchInstancesResponse" : {
"c2jName" : "DescribeReservedElasticsearchInstancesResponse",
"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "Container for results from <code>DescribeReservedElasticsearchInstances</code>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "marshaller" : null,
 "members" : [ {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken",
 "c2jName" : "NextToken",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Provides an identifier to allow retrieval of paginated results.
"\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {link String#builder()}.\n\nWhen the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #nextToken(String)}.\n\n@link String.Builder\n@param nextToken a consumer that will call methods on {link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
 "deprecated" : false,
 "documentation" : "Provides an identifier to allow retrieval of paginated results.
"\n\nenumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
"variableName" : "describeReservedElasticsearchInstancesRequest",
"variableType" : "DescribeReservedElasticsearchInstancesRequest",
"documentation" : null,
"simpleType" : "DescribeReservedElasticsearchInstancesRequest",
"variableSetterType" : "DescribeReservedElasticsearchInstancesRequest"
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Provides an identifier to allow retrieval of paginated results.
@param
nextToken Provides an identifier to allow retrieval of paginated results.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Provides an identifier to allow retrieval of paginated results.
@return
Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Provides an identifier to allow retrieval of paginated results.
@param
nextToken Provides an identifier to allow retrieval of paginated results.
@return
Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
"c2jName" : "ReservedElasticsearchInstances",
"c2jShape" : "ReservedElasticsearchInstanceList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
This is a convenience that creates an instance of the [ReservedElasticsearchInstance] avoiding the need to create one manually via [List<ReservedElasticsearchInstance>#builder()]

When the [List<ReservedElasticsearchInstance>.Builder#build()] is called immediately and its result is passed to [List<ReservedElasticsearchInstance>(List<ReservedElasticsearchInstance>)].

@param reservedElasticsearchInstances a consumer that will call methods on [List<ReservedElasticsearchInstance>.Builder]
@return Returns a reference to this object so that method calls can be chained together.

@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
"deprecated" : false,
"documentation" : "<p>List of reserved Elasticsearch instances.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstances",
"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
@param reservedElasticsearchInstances List of reserved Elasticsearch instances.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "reservedElasticsearchInstances",
"getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return List of reserved Elasticsearch instances.
",
"getterModel" : {
  "returnType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshalLocationName" : "ReservedElasticsearchInstances",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstances",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "ReservedElasticsearchInstance",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the [@link ReservedElasticsearchInstance.Builder] avoiding the need to create one manually via [@link ReservedElasticsearchInstance#builder()].\n\nWhen the [@link Consumer] completes, [@link ReservedElasticsearchInstance.Builder#build()] is called immediately and its result is passed to [@link ReservedElasticsearchInstance#member(ReservedElasticsearchInstance)]\n@para member a consumer that will call methods on [@link ReservedElasticsearchInstance.Builder]\n@para return Returns a reference to this object so that method calls can be chained together.\n@see #member(ReservedElasticsearchInstance)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@para param member The new value for the Member property for this object.\n@para return Returns a reference to this object so that method calls can be chained together."
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n@para return The value of the Member property for this object."
  "getterModel" : {
    "returnType" : "ReservedElasticsearchInstance",
    "documentation" : null
  },
  "http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : "",
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
},
"xmlnsSpaceUri" : null
},
"memberLocationName" : null,
"memberType": "ReservedElasticsearchInstance",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ReservedElasticsearchInstance",
"templateImplType": "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType": "java.util.List<ReservedElasticsearchInstance>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "ReservedElasticsearchInstances",
"setterDocumentation": "<p>List of reserved Elasticsearch instances.</p>\n@param reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName": "setReservedElasticsearchInstances",
"setterModel": {
  "variableDeclarationType": "java.util.List<ReservedElasticsearchInstance>",
  "variableName": "reservedElasticsearchInstances",
  "variableType": "java.util.List<ReservedElasticsearchInstance>",
  "documentation": null,
  "simpleType": "List<ReservedElasticsearchInstance>",
  "variableSetterType": "java.util.Collection<ReservedElasticsearchInstance>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<ReservedElasticsearchInstance>",
  "variableName": "reservedElasticsearchInstances",
  "variableType": "java.util.List<ReservedElasticsearchInstance>",
  "documentation": "<p>List of reserved Elasticsearch instances.</p>",
  "simpleType": "List<ReservedElasticsearchInstance>",
  "variableSetterType": "java.util.Collection<ReservedElasticsearchInstance>"
},
"xmlNameSpaceUri": null
}
}],
"membersAsMap": {
"NextToken": {
  "beanStyleGetterMethodName": "getNextToken",
  "beanStyleSetterMethodName": "setNextToken",
  "c2jName": "NextToken",
  "c2jShape": "String",
  "defaultConsumerFluentSetterDocumentation": "<p>Provides an identifier to allow retrieval of paginated
results.</p>\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to
create one manually via [@link String#builder()].\nWhen the [@link Consumer] completes, [@link String.Builder#build()]
is called immediately and its result is passed to [@link #nextToken(String)].\n@javax.annotation\n@param nextToken a consumer that will call methods on [@link String.Builder]\n@return Returns a reference to this object
so that method calls can be chained together.\n@see #nextToken(String)",

"memberType": "ReservedElasticsearchInstance",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "ReservedElasticsearchInstance",
"templateImplType": "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType": "java.util.List<ReservedElasticsearchInstance>"
"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param nextToken Provides an identifier to allow retrieval of paginated results.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@return Provides an identifier to allow retrieval of paginated results.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param nextToken Provides an identifier to allow retrieval of paginated results.
@return Provides an identifier to allow retrieval of paginated results.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
}
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ReservedElasticsearchInstances" : {
"beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
"c2jName" : "ReservedElasticsearchInstances",
"c2jShape" : "ReservedElasticsearchInstanceList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
This is a convenience that creates an instance of the {\@link List<ReservedElasticsearchInstance>.Builder} avoiding the need to create one manually via {\@link List<ReservedElasticsearchInstance>#builder()}.\n\nWhen the {\@link Consumer} completes, {\@link List<ReservedElasticsearchInstance>.Builder#build()} is called immediately and its result is passed to {\@link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)}.\n\n@param reservedElasticsearchInstances a consumer that will call methods on {\@link List<ReservedElasticsearchInstance>.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)",
"deprecated" : false,
"documentation" : "<p>List of reserved Elasticsearch instances.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstances",
"fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
@param reservedElasticsearchInstances List of reserved Elasticsearch instances.\n\n@return Returns a reference to this object so that method calls can be chained together."
,"fluentSetterMethodName" : "reservedElasticsearchInstances",
"getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@return List of reserved Elasticsearch instances."
,"getterModel" : {
"returnType" : "java.util.List<ReservedElasticsearchInstance>".
}
This is a convenience that creates an instance of the `ReservedElasticsearchInstance.Builder` avoiding the need to create one manually via `ReservedElasticsearchInstance#builder()`. When the `ReservedElasticsearchInstance.Builder#build()` is called immediately and its result is passed to `ReservedElasticsearchInstance.Builder#build()`. The new value for the Member property for this object can be chained together.

```
@Retention(Deprecated)
@Target(ElementType.METHOD)
public @interface Deprecated {
    String value();
}
```

```
@Retention(Deprecated)
@Target(ElementType.METHOD)
public @interface DefaultConsumerFluentSetterDocumentation {
    String value();
}
```

```
@Retention(Deprecated)
@Target(ElementType.METHOD)
public @interface FluentEnumGetterMethodName {
    String value();
}
```

```
@Retention(Deprecated)
@Target(ElementType.METHOD)
public @interface FluentEnumSetterMethodName {
    String value();
}
```

```
@Retention(Deprecated)
@Target(ElementType.METHOD)
public @interface FluentGetterMethodName {
    String value();
}
```

```
@Retention(Deprecated)
@Target(ElementType.METHOD)
public @interface FluentSetterDocumentation {
    String value();
}
```

```
@Retention(Deprecated)
@Target(ElementType.METHOD)
public @interface FluentSetterFluentSetterDocumentation {
    String value();
}
```
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.
@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "ReservedElasticsearchInstance",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.
@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "member"
"variableType" : "ReservedElasticsearchInstance",
"documentation" : "",
"simpleType" : "ReservedElasticsearchInstance",
"variableSetterType" : "ReservedElasticsearchInstance"
},
"xmlNameSpaceUri" : null
}
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
@n@param
reservedElasticsearchInstances List of reserved Elasticsearch instances.",
"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>"",
 "variableName" : "reservedElasticsearchInstances",
 "variableType" : "java.util.List<ReservedElasticsearchInstance>"",
 "documentation" : null,
 "simpleType" : "List<ReservedElasticsearchInstance>"",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
}
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>"",
 "variableName" : "reservedElasticsearchInstances",
 "variableType" : "java.util.List<ReservedElasticsearchInstance>"",
 "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
 "simpleType" : "List<ReservedElasticsearchInstance>"",
 "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>"
}
},
"xmlNameSpaceUri" : null
}
}
"nonStreamingMembers" : [ {
 "beanStyleGetterMethodName" : "getNextToken",
 "beanStyleSetterMethodName" : "setNextToken"
"c2jName" : "NextToken",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results. This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #nextToken(String)\}.\n\n@param nextToken a consumer that will call methods on \{@link String.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
\n@param nextToken Provides an identifier to allow retrieval of paginated results.
\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #nextToken(String)",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
\n@return Provides an identifier to allow retrieval of paginated results.\n\n@see #nextToken(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NextToken",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NextToken",
  "uri" : false
},
?idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
@param nextToken Provides an identifier to allow retrieval of paginated results."

"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Provides an identifier to allow retrieval of paginated results.</p>
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
},
{
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstances",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstances",
  "c2jName" : "ReservedElasticsearchInstances",
  "c2jShape" : "ReservedElasticsearchInstanceList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
  This is a convenience that creates an instance of the [
  @link List<ReservedElasticsearchInstance>.Builder] avoiding the need to create one manually via [
  @link List<ReservedElasticsearchInstance>#builder()].
  When the [
  @link Consumer] completes, [
  @link List<ReservedElasticsearchInstance>.Builder#build()] is called immediately and its result is passed to [
  @link #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)].

  @param reservedElasticsearchInstances a consumer that will call methods on [
  @link List<ReservedElasticsearchInstance>.Builder]
  @return Returns a reference to this object so that method calls can be chained together.
  @see #reservedElasticsearchInstances(List<ReservedElasticsearchInstance>)"
  "deprecated" : false,
  "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstances",
  "fluentSetterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>
  @param reservedElasticsearchInstances List of reserved Elasticsearch instances.
  @return Returns a reference to this object
so that method calls can be chained together.

"fluentSetterMethodName" : "reservedElasticsearchInstances",
"getterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>

Attempts to modify the collection returned by this method will result in a UnsupportedOperationException.

@return List of reserved Elasticsearch instances.

"getterModel" : {
  "returnType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstances",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstances",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ReservedElasticsearchInstance",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the builder avoiding the need to create one manually via ReservedElasticsearchInstance.Builder.
When the @link Consumer completes, ReservedElasticsearchInstance.Builder#build() is called immediately and its result is passed to @link member(ReservedElasticsearchInstance) which will call methods on the ReservedElasticsearchInstance.Builder@returns a reference to this object so that method calls can be chained together. @see #member(ReservedElasticsearchInstance)"
  }
},

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventId" : false,
"id" : 0,
"identity" : 

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"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.\n\n@\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "member",
"getterDocumentation": "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.",
"getterModel": {
"returnType": "ReservedElasticsearchInstance",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setMember",
"setterModel": {
"variableDeclarationType": "ReservedElasticsearchInstance",
"variableName": "member",
"variableType": "ReservedElasticsearchInstance",
"documentation": null,
"complexType": "ReservedElasticsearchInstance"}
"variableSetterType" : "ReservedElasticsearchInstance"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstance",
  "variableName" : "member",
  "variableType" : "ReservedElasticsearchInstance",
  "documentation" : "",
  "simpleType" : "ReservedElasticsearchInstance",
  "variableSetterType" : "ReservedElasticsearchInstance"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "ReservedElasticsearchInstance",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "ReservedElasticsearchInstance",
"templateImplType" : "java.util.ArrayList<ReservedElasticsearchInstance>",
"templateType" : "java.util.List<ReservedElasticsearchInstance>
}
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ReservedElasticsearchInstances",
"setterDocumentation" : "<p>List of reserved Elasticsearch instances.</p>@param reservedElasticsearchInstances List of reserved Elasticsearch instances."
,"setterMethodName" : "setReservedElasticsearchInstances",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
  "variableName" : "reservedElasticsearchInstances",
  "variableType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : null,
  "simpleType" : "List<ReservedElasticsearchInstance>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>
}
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<ReservedElasticsearchInstance>",
  "variableName" : "reservedElasticsearchInstances",
  "variableType" : "java.util.List<ReservedElasticsearchInstance>",
  "documentation" : "<p>List of reserved Elasticsearch instances.</p>",
  "simpleType" : "List<ReservedElasticsearchInstance>",
  "variableSetterType" : "java.util.Collection<ReservedElasticsearchInstance>
"
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DisabledOperationException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
    "variableDeclarationType" : "DisabledOperationException",
    "variableName" : "disabledOperationException",
    "variableType" : "DisabledOperationException",
    "documentation" : null,
    "simpleType" : "DisabledOperationException",
    "variableSetterType" : "DisabledOperationException"
},
"wrapper" : false
},
"DomainInfo" : {
    "c2jName" : "DomainInfo",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "",
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : null,
    "marshaller" : null,
    "variables" : [ {
        "beanStyleGetterMethodName" : "getDomainName",
        "beanStyleSetterMethodName" : "setDomainName",
        "c2jName" : "DomainName",
        "c2jShape" : "DomainName",
        "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>DomainName</code>.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called
immediately and its result is passed to { @link #domainName(String)}.<p>@param domainName a consumer that will
call methods on { @link String.Builder}@return Returns a reference to this object so that method calls can be
chained together: \n@see #domainName(String)
   
   "deprecated" : false,
   "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
   "enumType" : null,
   "eventHeader" : false,
   "eventPayload" : false,
   "fluentEnumGetterMethodName" : null,
   "fluentEnumSetterMethodName" : null,
   "fluentGetterMethodName" : "domainName",
   "fluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>
   @param domainName
   Specifies the <code>DomainName</code>.
   @return Returns a reference to this object so that method calls can be chained together.
",
   "fluentSetterMethodName" : "domainName",
   "getterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>
   @return Specifies the <code>DomainName</code>.
",
   "getterModel" : {
      "returnType" : "String",
      "documentation" : null
   },
   "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "DomainName",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "DomainName",
      "uri" : false
   },
   "idempotencyToken" : false,
   "isBinary" : false,
   "jsonValue" : false,
   "list" : false,
   "listModel" : null,
   "map" : false,
   "mapModel" : null,
   "marshallingType" : "STRING",
   "name" : "DomainName",
   "setterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>
   @param domainName
   Specifies the <code>DomainName</code>.
   @return Specifies the <code>DomainName</code>.
",
   "setterMethodName" : "setDomainName",
   "setterModel" : {

"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
"DomainName" : {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String.Builder#builder()}.\n\nWhen the [@link Consumer] completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link #domainName(String)}.\n@\param domainName a consumer that will call methods on
{@link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #domainName(String)"
,
"deprecated" : false,
"documentation" : "<p> Specifies the <code>DomainName</code>.</p>
"enumType" : null,
"eventId" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>
@\param domainName Specifies the <code>DomainName</code>.
@\return Returns a reference to this object so that method calls can be chained together."
,
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>
@\param domainName Specifies the <code>DomainName</code>.
@\return Specifies the <code>DomainName</code>.
"getterModel" : {
"returnType" : "String",
"documentation" : null
}
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"http": {
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    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "DomainName",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "DomainName",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "<p> Specifies the <code>DomainName</code>.</p>
@param domainName
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"setterMethodName": "setDomainName",
"setterModel": {
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    "variableName": "domainName",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
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"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "String",
    "variableName": "domainName",
    "variableType": "String",
    "documentation": "<p> Specifies the <code>DomainName</code>.</p>
Specifies the <code>DomainName</code>.",
    "simpleType": "String",
    "variableSetterType": "String"
},
"xmlNameSpaceUri": null
"nonStreamingMembers": [ {
  "beanStyleGetterMethodName": "getDomainName",
  "beanStyleSetterMethodName": "setDomainName",
  "c2jName": "DomainName",
  "c2jShape": "DomainName",
  "defaultConsumerFluentSetterDocumentation": "Specifies the <code>DomainName</code>. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}. @param domainName a consumer that will call methods on {@link String.Builder} @return Returns a reference to this object so that method calls can be chained together. @see #domainName(String)",
  "deprecated": false,
  "documentation": "Specifies the <code>DomainName</code>.",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "domainName",
  "fluentSetterDocumentation": "Specifies the <code>DomainName</code>.
  @param domainName Specifies the <code>DomainName</code>.
  @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "domainName",
  "getterDocumentation": "Specifies the <code>DomainName</code>.
  @return Specifies the <code>DomainName</code>",
  "getterModel": {
    "returnType": "String",
    "documentation": null
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  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
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    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "DomainName",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "DomainName",
    "uri": false
  },
  "idempotencyToken": false,
},
]
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p> Specifies the <code>DomainName</code>.</p>
@param domainName
Specifies the <code>DomainName</code>.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p> Specifies the <code>DomainName</code>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null

"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "DomainInfo",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "DomainInfo",
  "variableName" : "domainInfo",
  "variableType" : "DomainInfo",
  "documentation" : null,
  "simpleType" : "DomainInfo",
  "variableSetterType" : "DomainInfo"
}
"wrapper" : false
},
"EBSOptions" : {
  "c2jName" : "EBSOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "Options to enable, disable, and specify the properties of EBS storage volumes. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank"> Configuring EBS-based Storage</a>.",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [
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      "beanStyleGetterMethodName" : "getEbsEnabled",
      "beanStyleSetterMethodName" : "setEbsEnabled",
      "c2jName" : "EBSEnabled",
      "c2jShape" : "Boolean",
      "defaultConsumerFluentSetterDocumentation" : "Specifies whether EBS-based storage is enabled.

This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder}. When the { @link Consumer} completes, { @link Boolean.Builder#build} is called immediately and its result is passed to { @link #ebsEnabled(Boolean)}. Returns a reference to this object so that method calls can be chained together.

@see #ebsEnabled(Boolean)",
      "deprecated" : false,
      "documentation" : "Specifies whether EBS-based storage is enabled.

@link #ebsEnabled(Boolean)",
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "ebsEnabled",
      "fluentSetterDocumentation" : "Specifies whether EBS-based storage is enabled.

@link #ebsEnabled(Boolean)"
    }
  ],
  "enums" : null,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [
    {
      "beanStyleGetterMethodName" : "getEbsEnabled",
      "beanStyleSetterMethodName" : "setEbsEnabled",
      "c2jName" : "EBSEnabled",
      "c2jShape" : "Boolean",
      "defaultConsumerFluentSetterDocumentation" : "Specifies whether EBS-based storage is enabled.

This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder}. When the { @link Consumer} completes, { @link Boolean.Builder#build} is called immediately and its result is passed to { @link #ebsEnabled(Boolean)}. Returns a reference to this object so that method calls can be chained together.

@see #ebsEnabled(Boolean)",
      "deprecated" : false,
      "documentation" : "Specifies whether EBS-based storage is enabled.

@link #ebsEnabled(Boolean)"
Specifies whether EBS-based storage is enabled.

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "ebsEnabled",
"getterDocumentation" : "<p>SPECIFIES whether EBS-based storage is enabled.</p>

EBS-based storage is enabled.

"getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EBSEnabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EBSEnabled",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "EBSEnabled",
"setterDocumentation" : "<p>SPECIFIES whether EBS-based storage is enabled.</p>

@returns Specifies whether EBS-based storage is enabled.

"setterMethodName" : "setEbsEnabled",
"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "ebsEnabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "Boolean",
"variableName" : "ebsEnabled",
"variableType" : "Boolean",
"documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}
,
"beanStyleGetterMethodName" : "getVolumeTypeAsString",
"beanStyleSetterMethodName" : "setVolumeType",
"c2jName" : "VolumeType",
"c2jShape" : "VolumeType",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the volume type for EBS-based storage.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, when the volumeTypeAsString() is called immediately and its result is passed to the @param volumeType a consumer that will call methods on the String.Builder\n@return Returns a reference to this object so that method calls can be chained together.
@see VolumeType(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the volume type for EBS-based storage.</p>",
"enumType" : "VolumeType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "volumeType",
"fluentEnumSetterMethodName" : "volumeType",
"fluentGetterMethodName" : "volumeTypeAsString",
"fluentSetterDocumentation" : "<p>Specifies the volume type for EBS-based storage.</p>
@param volumeType Specifies the volume type for EBS-based storage.
@see VolumeType
@return Returns a reference to this object so that method calls can be chained together.
@see VolumeType",
"fluentSetterMethodName" : "volumeType",
"getterDocumentation" : "<p>Specifies the volume type for EBS-based storage.</p>
If the service returns an enum value that is not available in the current SDK version, VolumeType#UNKNOWN_TO_SDK_VERSION will return { VolumeType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from VolumeTypeAsString().
@return Specifies the volume type for EBS-based storage.
@see VolumeType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
Specifies the volume type for EBS-based storage. `<p>@param volumeType
Specifies the volume type for EBS-based storage. 

@see VolumeType`,

```java
public class VolumeType
{
    private String volumeType;

    public VolumeType(String volumeType)
    {
        this.volumeType = volumeType;
    }

    public String getVolumeType()
    {
        return volumeType;
    }

    public void setVolumeType(String volumeType)
    {
        this.volumeType = volumeType;
    }
}
```

This is a convenience that creates an instance of the `{@link Integer.Builder}` avoiding the need to create one manually via `{@link Integer#builder()}`. When the `{@link Consumer}` completes, `{@link Integer.Builder#build()}` is called immediately and its result is passed to `{@link #volumeSize(Integer)}`.
will call methods on {@link Integer.Builder}

@link Integer.Builder

@returns A reference to this object so that method calls can be chained together.

@see #VolumeSize(Integer)

"deprecated" : false,
"documentation" : "&lt;p&gt; Integer to specify the size of an EBS volume.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "volumeSize",
"fluentSetterDocumentation" : "&lt;p&gt; Integer to specify the size of an EBS volume.&lt;/p&gt;

@returns Integer to specify the size of an EBS volume.

@see #VolumeSize

@returns A reference to this object so that method calls can be chained together.

"getterDocumentation" : "&lt;p&gt; Integer to specify the size of an EBS volume.&lt;/p&gt;

@returns Integer to specify the size of an EBS volume.

"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VolumeSize",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VolumeSize",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "VolumeSize",
"setterDocumentation" : "&lt;p&gt; Integer to specify the size of an EBS volume.&lt;/p&gt;

@returns Integer to specify the size of an EBS volume.

@see #VolumeSize

@returns A reference to this object so that method calls can be chained together.

"setterMethodName" : "setVolumeSize"
"setterModel": {
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  "variableName": "volumeSize",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "volumeSize",
  "variableType": "Integer",
  "documentation": "<p> Integer to specify the size of an EBS volume.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getIops",
"beanStyleSetterMethodName": "setIops",
"c2jName": "Iops",
"c2jShape": "IntegerClass",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD). This is a convenience that creates an instance of the [link Integer.Builder] avoiding the need to create one manually via [link Integer#builder()].\nWhen the [link Consumer] completes, [link Integer.Builder#build()] is called immediately and its result is passed to [link #iops(Integer)].\n\n@param iops a consumer that will call methods on [link Integer.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #iops(Integer)",
"deprecated": false,
"documentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "iops",
"fluentSetterMethodName": "iops",
"fluentSetterDocumentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #iops(Integer)",
"getterModel": {
  "returnType": "Integer",
  "documentation": null
},

\n\n\n"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "volumeSize",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "volumeSize",
  "variableType": "Integer",
  "documentation": "<p> Integer to specify the size of an EBS volume.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},

"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "Iops",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "Iops",
    "uri": false
  },
  "idempotencyToken": false,
  "isBinary": false,
  "jsonValue": false,
  "list": false,
  "listModel": null,
  "map": false,
  "mapModel": null,
  "marshallingType": "INTEGER",
  "name": "Iops",
  "setterDocumentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>
  @param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
  "setterMethodName": "setIops",
  "setterModel": {
    "variableDeclarationType": "Integer",
    "variableName": "iops",
    "variableType": "Integer",
    "documentation": null,
    "simpleType": "Integer",
    "variableSetterType": "Integer"
  },
  "simple": true,
  "timestampFormat": null,
  "variable": {
    "variableDeclarationType": "Integer",
    "variableName": "iops",
    "variableType": "Integer",
    "documentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
    "simpleType": "Integer",
    "variableSetterType": "Integer"
  },
  "xmlNameSpaceUri": null
}
"membersAsMap" : {
  "EBSEnabled" : {
    "beanStyleGetterMethodName" : "getEbsEnabled",
    "beanStyleSetterMethodName" : "setEbsEnabled",
    "c2jName" : "EBSEnabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #ebsEnabled(Boolean)}.<p param ebsEnabled} a consumer that will call methods on {@link Boolean.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsEnabled(Boolean)",
    "deprecated" : false,
    "documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "ebsEnabled",
    "fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
@param ebsEnabled Specifies whether EBS-based storage is enabled.
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsEnabled",
    "fluentSetterMethodName" : "ebsEnabled",
    "getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>
@return Specifies whether EBS-based storage is enabled.
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EBSEnabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EBSEnabled",
    "uri" : false
  },
  "idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "EBSEnabled",
"setterDocumentation": "<p>Specifies whether EBS-based storage is enabled.</p>
@param ebsEnabled
Specifies whether EBS-based storage is enabled.",
"setterMethodName": "setEbsEnabled",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "ebsEnabled",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "ebsEnabled",
  "variableType": "Boolean",
  "documentation": "<p>Specifies whether EBS-based storage is enabled.</p>
"simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
},
"Iops": {
  "beanStyleGetterMethodName": "getIops",
  "beanStyleSetterMethodName": "setIops",
  "c2jName": "Iops",
  "c2jShape": "IntegerClass",
  "defaultConsumerFluentSetterDocumentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()).
When the [@link Consumer] completes, {@link Integer.Builder#build()} is called immediately and its result is passed to @link #iops(Integer))
@param iops a consumer that will call methods on @link Integer.Builder\n@return Returns a reference to this object so that method calls can be chained together\n@see #iops(Integer)
",
  "deprecated": false,
  "documentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "iops",
"fluentSetterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "iops",
"getterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
@return Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "iops",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "iops",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "iops",
"setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
@param iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).
setterMethodName" : "setIops",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
}
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "iops",
  "variableType": "Integer",
  "documentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},
"VolumeSize": {
  "beanStyleGetterMethodName": "getVolumeSize",
  "beanStyleSetterMethodName": "setVolumeSize",
  "c2jName": "VolumeSize",
  "c2jShape": "IntegerClass",
  "defaultConsumerFluentSetterDocumentation": "<p>Integer to specify the size of an EBS volume.</p>
  This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #volumeSize(Integer)}.
  @param volumeSize a consumer that will call methods on {@link Integer.Builder}.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #volumeSize(Integer)
  
  @deprecated"
  "documentation": "<p>Integer to specify the size of an EBS volume.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "volumeSize",
  "fluentSetterDocumentation": "<p>Integer to specify the size of an EBS volume.</p>
  Integer to specify the size of an EBS volume.
  @param volumeSize Integer to specify the size of an EBS volume.
  @return Returns a reference to this object so that method calls can be chained together.
  
  @fluentSetterMethodName": "volumeSize",
  "getterDocumentation": "<p>Integer to specify the size of an EBS volume.</p>
  Integer to specify the size of an EBS volume.
  @return Integer to specify the size of an EBS volume.
  
  @getterModel": {
  "returnType": "Integer",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "VolumeSize",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "VolumeSize",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallType" : "INTEGER",
"name" : "VolumeSize",
"setterDocumentation" : "<p> Integer to specify the size of an EBS volume. </p>\n@para volumeSize Integer to specify the size of an EBS volume. ",
"setterMethodName" : "setVolumeSize",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "volumeSize",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "volumeSize",
"variableType" : "Integer",
"documentation" : "<p> Integer to specify the size of an EBS volume. </p>",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null,
"VolumeType" : {
"beanStyleGetterMethodName" : "getVolumeTypeAsString",
"beanStyleSetterMethodName" : "setVolumeType",
"c2jName" : "VolumeType",
"c2jShape" : "VolumeType",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the volume type for EBS-based storage. </p>\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to
create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #volumeTypeAsString(String)}.

When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #volumeTypeAsString(String)}.

@code

When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #volumeTypeAsString(String)}.

@endcode

@see #volumeType(String)

@see VolumeType

@return Returns a reference to this object so that method calls can be chained together.

@see VolumeType

@see #volumeType

Specifies the volume type for EBS-based storage.

If the service returns an enum value that is not available in the current SDK version, {@link #volumeType} will return {@link VolumeType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #volumeTypeAsString}.

@return Specifies the volume type for EBS-based storage.

@see VolumeType

@see VolumeType

@see VolumeType

@see VolumeType

@see VolumeType

@see VolumeType

@see VolumeType

@see VolumeType

@see VolumeType

@see VolumeType
"marshallingType" : "STRING",
"name" : "VolumeType",
"setterDocumentation" : "<p>Specifies the volume type for EBS-based storage.</p>@param volumeType
Specifies the volume type for EBS-based storage.
@see VolumeType",
"setterMethodName" : "setVolumeType",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "volumeType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "volumeType",
"variableType" : "String",
"documentation" : "<p>Specifies the volume type for EBS-based storage.</p>
@see VolumeType",
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "volumeType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getEbsEnabled",
"beanStyleSetterMethodName" : "setEbsEnabled",
"c2jName" : "EBSEnabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>@param ebsEnabled
This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to
create one manually via {@link Boolean.Builder#builder()}. When the { @link Consumer} completes, { @link
Boolean.Builder#build()} is called immediately and its result is passed to { @link
#ebsEnabled(Boolean)}.@param ebsEnabled a consumer that will call methods on { @link
Boolean.Builder}@return Returns a reference to this object so that method calls can be chained together.@see
#ebsEnabled(Boolean)",
"deprecated" : false,
"documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsEnabled",
"fluentSetterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>@param ebsEnabled
Specifies whether EBS-based storage is enabled.@return Returns a reference to this object so that method calls
can be chained together.

"getterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>

@return Specifies whether EBS-based storage is enabled.

"getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "EBSEnabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "EBSEnabled",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "BOOLEAN",

"name" : "EBSEnabled",

"setterDocumentation" : "<p>Specifies whether EBS-based storage is enabled.</p>

@param ebsEnabled Specifies whether EBS-based storage is enabled.

"setterMethodName" : "setEbsEnabled",

"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "ebsEnabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},

"simple" : true,

"timestampFormat" : null,

"variable" : {
    "variableDeclarationType" : "Boolean"
"variableName" : "ebsEnabled",
"variableType" : "Boolean",
"documentation" : "<p>Specifies whether EBS-based storage is enabled.</p>",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getVolumeTypeAsString",
"beanStyleSetterMethodName" : "setVolumeType",
"c2jName" : "VolumeType",
"c2jShape" : "VolumeType",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the volume type for EBS-based storage. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, it is called immediately and its result is passed to @{link #volumeTypeAsString(String)}.

@link #volumeTypeAsString(String)
@see VolumeType
@see String.Builder

@param volumeType a consumer that will call methods on {String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #volumeType(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the volume type for EBS-based storage.</p>",
"enumType" : "VolumeType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "volumeType",
"fluentEnumSetterMethodName" : "volumeType",
"fluentGetterMethodName" : "volumeTypeAsString",
"fluentSetterDocumentation" : "<p>Specifies the volume type for EBS-based storage.</p>

@link VolumeType
@see VolumeType
@see String.Builder

@param volumeType Specifies the volume type for EBS-based storage.
@return Returns a reference to this object so that method calls can be chained together.
@see VolumeType",
"fluentSetterMethodName" : "volumeType",
"getterDocumentation" : "<p>Specifies the volume type for EBS-based storage.</p>

@link VolumeType
@see VolumeType
@see String.Builder

If the service returns an enum value that is not available in the current SDK version, this will return @link VolumeType#UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from @link #volumeTypeAsString().

@link VolumeType#UNKNOWN_TO_SDK_VERSION
@see VolumeType
@see String.Builder

@return Specifies the volume type for EBS-based storage.
@see VolumeType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"requestName" : null,
"responseName" : null
}
}
“marshallLocation”: “PAYLOAD”,
“marshallLocationName”: “VolumeType”,
“queryString”: false,
“statusCode”: false,
“unmarshallLocationName”: “VolumeType”,
“uri”: false
},
“idempotencyToken”: false,
“isBinary”: false,
“jsonValue”: false,
“list”: false,
“listModel”: null,
“map”: false,
“mapModel”: null,
“marshallingType”: “STRING”,
“name”: “VolumeType”,
“setterDocumentation”: “<p> Specifies the volume type for EBS-based storage.</p>
@param volumeType Specifies the volume type for EBS-based storage.
@see VolumeType”,
“setterMethodName”: “setVolumeType”,
“setterModel”: {
  “variableDeclarationType”: “String”,
  “variableName”: “volumeType”,
  “variableType”: “String”,
  “documentation”: null,
  “simpleType”: “String”,
  “variableSetterType”: “String”
},
“simple”: true,
“timestampFormat”: null,
“variable”: {
  “variableDeclarationType”: “String”,
  “variableName”: “volumeType”,
  “variableType”: “String”,
  “documentation”: “<p> Specifies the volume type for EBS-based storage.</p>”,
  “simpleType”: “String”,
  “variableSetterType”: “String”
},
“xmlNameSpaceUri”: null
},
“beanStyleGetterMethodName”: “getVolumeSize”,
“beanStyleSetterMethodName”: “setVolumeSize”,
“c2jName”: “VolumeSize”,
“c2jShape”: “IntegerClass”,
“defaultConsumerFluentSetterDocumentation”: “<p> Integer to specify the size of an EBS volume.</p>\nThis is a convenience that creates an instance of the {link Integer.Builder} avoiding the need to create one manually
via {link Integer.Builder#builder()}.\n\nWhen the {link Integer.Builder} completes, {link Integer.Builder#build()} is
called immediately and its result is passed to {link #volumeSize(Integer)}.\n\n@param volumeSize a consumer that will call methods on {link Integer.Builder}\n\n@return Returns a reference to this object so that method calls can be
chained together.\n@see \#volumeSize(Integer)",
"deprecated" : false,
"documentation" : "<p> Integer to specify the size of an EBS volume.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "volumeSize",
"fluentSetterDocumentation" : "<p> Integer to specify the size of an EBS volume.\n@param volumeSize Integer to specify the size of an EBS volume.\n@return Returns a reference to this object so that method calls can be chained together.".,
"fluentSetterMethodName" : "volumeSize",
"getterDocumentation" : "<p> Integer to specify the size of an EBS volume.\n@return Integer to specify the size of an EBS volume.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VolumeSize",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VolumeSize",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "VolumeSize",
"setterDocumentation" : "<p> Integer to specify the size of an EBS volume.\n@param volumeSize Integer to specify the size of an EBS volume."
"setterMethodName" : "setVolumeSize",
"setterModel" : {
"variableDeclarationType": "Integer",
"variableName": "volumeSize",
"variableType": "Integer",
"documentation": null,
"simpleType": "Integer",
"variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "Integer",
"variableName": "volumeSize",
"variableType": "Integer",
"documentation": "<p> Integer to specify the size of an EBS volume.</p>
"simpleType": "Integer",
"variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
}, {
"beanStyleGetterMethodName": "getIops",
"beanStyleSetterMethodName": "setIops",
"c2jName": "iops",
"c2jShape": "IntegerClass",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).\nThis is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}.\nWhen the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #iops(Integer)}.\n@returns a reference to this object so that method calls can be chained together.\n@example #iops(Integer)",
"deprecated": false,
"documentation": "<p> Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).\n</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "iops",
"fluentSetterDocumentation": "<p> Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).\n</p>
@returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "iops",
"getterDocumentation": "<p> Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).\n</p>
@returns a reference to this object so that method calls can be chained together.",
"getterModel": {
"returnType": "Integer",
"documentation": null
},
"http": {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Iops",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Iops",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Iops",
"setterDocumentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>
@param
iops Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).",
"setterMethodName" : "setIops",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "iops",
  "variableType" : "Integer",
  "documentation" : "<p>Specifies the IOPD for a Provisioned IOPS EBS volume (SSD).</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
} ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "EBSOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"wrapper" : false
},
"EBSOptionsStatus" : {
  "c2jName" : "EBSOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "\p> Status of the EBS options for the specified Elasticsearch domain.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "EBSOptions",
    "defaultConsumerFluentSetterDocumentation" : "\p> Specifies the EBS options for the specified Elasticsearch domain.\nThis is a convenience that creates an instance of the {@link EBSOptions.Builder} avoiding the need to create one manually via [@link EBSOptions#builder()].\nWhen the [@link Consumer] completes, [@link
EBSOptions.Builder#build() is called immediately and its result is passed to { @link #options(EBSOptions)}.
@returns a reference to this object so that method calls can be chained together.
@see #options(EBSOptions)

"deprecated" : false,
"documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventType" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>"
return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
return Specifies the EBS options for the specified Elasticsearch domain.

"getterModel" : {
  "returnType" : "EBSOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "isBinary" : false,
  "isStreaming" : false,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isJsonValue" : false,
"isList" : false,
"isMap" : false,
"marshallType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
return Specifies the EBS options for the specified Elasticsearch domain.";

\n@returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
return Specifies the EBS options for the specified Elasticsearch domain.”,
options Specifies the EBS options for the specified Elasticsearch domain.

"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus.builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link OptionStatus#status(OptionStatus)}. @param status a consumer that will call methods on { @link OptionStatus.Builder}/
@returns Returns a reference to this object so that method calls can be chained together. @see #status(OptionStatus)
",
  "deprecated" : false,
  "documentation" : null,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
@returns Returns a reference to this object so that method calls can be chained together. 
",
  "getterDocumentation" : null,
  "getterModel" : {
    "setterDocumentation" : null,
    "setterModel" : {
      "variableDeclarationType" : "EBSOptions",
      "variableName" : "options",
      "variableType" : "EBSOptions",
      "documentation" : null,
      "simpleType" : "EBSOptions",
      "variableSetterType" : "EBSOptions"
    }
  }
}
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the EBS options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain. </p>\n\nThis is a convenience that creates an instance of the { @link EBSOptions.Builder} avoiding the need to create one manually via { @link EBSOptions.Builder}().\n\nWhen the { @link Consumer} completes, { @link EBSOptions.Builder}#build() is called immediately and its result is passed to { @link #options(EBSOptions)}.\n\n@see #options(EBSOptions),
  "deprecated" : false,
  "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain. </p>\n  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain. </p>\n  @param options Specifies the EBS options for the specified Elasticsearch domain.\n  @return Returns a reference to this object so that method calls can be chained together.
  @see #options(EBSOptions),
  "getterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain. </p>\n  @return Specifies the EBS options for the specified Elasticsearch domain.\n  @see #options(EBSOptions),
  "getterModel" : {
    "returnType" : "EBSOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
@param options Specifies the EBS options for the specified Elasticsearch domain."

"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "options",
  "variableType" : "EBSOptions",
  "documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "OptionStatus",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>"

  This is a convenience that creates an instance of the @link OptionStatus.Builder avoiding the need to create one manually via @link OptionStatus#builder(). When the @link Consumer completes, @link OptionStatus.Builder#build() is called immediately and its result is passed to @link #status(OptionStatus).@param status a consumer that will call methods on @link OptionStatus.Builder@return Returns a reference to this object so that method calls can be chained together.@see #status(OptionStatus)"
, "deprecated" : false,
"documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the EBS options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
@return Specifies the status of the EBS options for the specified Elasticsearch domain.

"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the EBS options for the specified Elasticsearch domain.

"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus"
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the EBS options for the specified Elasticsearch domain.</p>
  <p>When the [@link Consumer] completes, [@link EBSOptions.Builder#build()] is called immediately and its result is passed to [@link #options(EBSOptions)].
  @return Returns a reference to this object so that method calls can be chained together.
  @see #options(EBSOptions)"
},
  "deprecated" : false,
  "documentation" : "<p>Specifies the EBS options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>Specifies the EBS options for the specified Elasticsearch domain.</p>
  <p>Specifies the EBS options for the specified Elasticsearch domain.</p>
  <p>Specifies the EBS options for the specified Elasticsearch domain.</p>
  <p>Specifies the EBS options for the specified Elasticsearch domain.</p>
  <p>Specifies the EBS options for the specified Elasticsearch domain.</p>
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  <p>Specifies the EBS options for the specified Elasticsearch domain.</p>
  <p>Specifies the EBS options for the specified Elasticsearch domain.</p>
  <p>Specifies the EBS options for the specified Elasticsearch domain.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #options(EBSOptions)"
},
  "http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
{idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>
@param
options Specifies the EBS options for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
"variableDeclarationType" : "EBSOptions",
"variableName" : "options",
"variableType" : "EBSOptions",
"documentation" : null,
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "EBSOptions",
"variableName" : "options",
"variableType" : "EBSOptions",
"documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.</p>",
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getStatus", "getterDocumentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.",
"getterMethodName" : "getStatus",
"getterModel" : {
"variableDeclarationType" : "EBSOptions",
"variableName" : "options",
"variableType" : "EBSOptions",
"documentation" : "<p> Specifies the EBS options for the specified Elasticsearch domain.",
"simpleType" : "EBSOptions",
"variableSetterType" : "EBSOptions"
}
}
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain. This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#build()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}. @param status a consumer that will call methods on {@link OptionStatus.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the EBS options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>
@return Specifies the status of the EBS options for the specified Elasticsearch domain.
@throws If the caller forgets to call with a valid response.
@see #status(OptionStatus)",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
<p>Specifies the status of the EBS options for the specified Elasticsearch domain.</p>

```javascript
@name "Status"

@setterDocumentation "<p>Specifies the status of the EBS options for the specified Elasticsearch domain.</p>"

@setterMethodName "setStatus"

@setterModel {
    @variableDeclarationType "OptionStatus"
    @variableName "status"
    @variableType "OptionStatus"
    @documentation null
    @simpleType "OptionStatus"
    @variableSetterType "OptionStatus"
}

@simple false

@timestampFormat null

@variable {
    @variableDeclarationType "OptionStatus"
    @variableName "status"
    @variableType "OptionStatus"
    @documentation "<p> Specifies the status of the EBS options for the specified Elasticsearch domain.</p>"
    @simpleType "OptionStatus"
    @variableSetterType "OptionStatus"
}

@xmlNameSpaceUri null

}]

@requestSignerAware false

@requestSignerClassFqn null

@required [ "Options", "Status" ]

@shapeName "EBSOptionsStatus"

@simpleMethod false

@unmarshaller {
    @flattened false
    @resultWrapper null
}

@variable {
    @variableDeclarationType "EBSOptionsStatus"
    @variableName "ebsOptionsStatus"
    @variableType "EBSOptionsStatus"
    @documentation null
    @simpleType "EBSOptionsStatus"
    @variableSetterType "EBSOptionsStatus"
}

@wrapper false

}.

@ESPartitionInstanceType {

}
"c2jName": "ESPartitionInstanceType",
"customization": {
  "artificialResultWrapper": null,
  "skipGeneratingMarshaller": false,
  "skipGeneratingModelClass": false,
  "skipGeneratingUnmarshaller": false,
  "staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "",
"enums": [
  {
    "name": "M3_MEDIUM_ELASTICSEARCH",
    "value": "m3.medium.elasticsearch"
  },
  {
    "name": "M3_LARGE_ELASTICSEARCH",
    "value": "m3.large.elasticsearch"
  },
  {
    "name": "M3_XLARGE_ELASTICSEARCH",
    "value": "m3.xlarge.elasticsearch"
  },
  {
    "name": "M3_2_XLARGE_ELASTICSEARCH",
    "value": "m3.2xlarge.elasticsearch"
  },
  {
    "name": "M4_LARGE_ELASTICSEARCH",
    "value": "m4.large.elasticsearch"
  },
  {
    "name": "M4_XLARGE_ELASTICSEARCH",
    "value": "m4.xlarge.elasticsearch"
  },
  {
    "name": "M4_2_XLARGE_ELASTICSEARCH",
    "value": "m4.2xlarge.elasticsearch"
  },
  {
    "name": "M4_4_XLARGE_ELASTICSEARCH",
    "value": "m4.4xlarge.elasticsearch"
  },
  {
    "name": "M4_10_XLARGE_ELASTICSEARCH",
    "value": "m4.10xlarge.elasticsearch"
  },
  {
    "name": "T2_MICRO_ELASTICSEARCH",
    "value": "t2.micro.elasticsearch"
  },
  {
    "name": "T2_SMALL_ELASTICSEARCH",
    "value": "t2.small.elasticsearch"
  },
  {
    "name": "T2_MEDIUM_ELASTICSEARCH",
    "value": "t2.medium.elasticsearch"
  },
  {
    "name": "R3_LARGE_ELASTICSEARCH"}
"value": "r3.large.elasticsearch",
}, {
"name": "R3_XLARGE_ELASTICSEARCH",
"value": "r3.xlarge.elasticsearch"
}, {
"name": "R3_2_XLARGE_ELASTICSEARCH",
"value": "r3.2xlarge.elasticsearch"
}, {
"name": "R3_4_XLARGE_ELASTICSEARCH",
"value": "r3.4xlarge.elasticsearch"
}, {
"name": "R3_8_XLARGE_ELASTICSEARCH",
"value": "r3.8xlarge.elasticsearch"
}, {
"name": "I2_XLARGE_ELASTICSEARCH",
"value": "i2.xlarge.elasticsearch"
}, {
"name": "I2_2_XLARGE_ELASTICSEARCH",
"value": "i2.2xlarge.elasticsearch"
}, {
"name": "D2_XLARGE_ELASTICSEARCH",
"value": "d2.xlarge.elasticsearch"
}, {
"name": "D2_2_XLARGE_ELASTICSEARCH",
"value": "d2.2xlarge.elasticsearch"
}, {
"name": "D2_4_XLARGE_ELASTICSEARCH",
"value": "d2.4xlarge.elasticsearch"
}, {
"name": "D2_8_XLARGE_ELASTICSEARCH",
"value": "d2.8xlarge.elasticsearch"
}, {
"name": "C4_LARGE_ELASTICSEARCH",
"value": "c4.large.elasticsearch"
}, {
"name": "C4_XLARGE_ELASTICSEARCH",
"value": "c4.xlarge.elasticsearch"
}, {
"name": "C4_2_XLARGE_ELASTICSEARCH",
"value": "c4.2xlarge.elasticsearch"
}, {
"name": "C4_4_XLARGE_ELASTICSEARCH",
"value": "c4.4xlarge.elasticsearch"
}, {
"name": "C4_8_XLARGE_ELASTICSEARCH",
"value": "c4.8xlarge.elasticsearch"
}, {
"name": "R4_LARGE_ELASTICSEARCH",
"value": "r4.large.elasticsearch"
}
"value": "r4.large.elasticsearch",
}, {  
"name": "R4_XLARGE_ELASTICSEARCH",
"value": "r4.xlarge.elasticsearch"
}, {  
"name": "R4_2_XLARGE_ELASTICSEARCH",
"value": "r4.2xlarge.elasticsearch"
}, {  
"name": "R4_4_XLARGE_ELASTICSEARCH",
"value": "r4.4xlarge.elasticsearch"
}, {  
"name": "R4_8_XLARGE_ELASTICSEARCH",
"value": "r4.8xlarge.elasticsearch"
}, {  
"name": "R4_16_XLARGE_ELASTICSEARCH",
"value": "r4.16xlarge.elasticsearch"
}, {  
"name": "I3_LARGE_ELASTICSEARCH",
"value": "i3.large.elasticsearch"
}, {  
"name": "I3_XLARGE_ELASTICSEARCH",
"value": "i3.xlarge.elasticsearch"
}, {  
"name": "I3_2_XLARGE_ELASTICSEARCH",
"value": "i3.2xlarge.elasticsearch"
}, {  
"name": "I3_4_XLARGE_ELASTICSEARCH",
"value": "i3.4xlarge.elasticsearch"
}, {  
"name": "I3_8_XLARGE_ELASTICSEARCH",
"value": "i3.8xlarge.elasticsearch"
}, {  
"name": "I3_16_XLARGE_ELASTICSEARCH",
"value": "i3.16xlarge.elasticsearch"
} ],
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"marshaller": null,
"members": [],
"membersAsMap": { },
"nonStreamingMembers": [ ].
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ESPartitionInstanceType",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ESPartitionInstanceType",
  "variableName" : "esPartitionInstanceType",
  "variableType" : "ESPartitionInstanceType",
  "documentation" : null,
  "simpleType" : "ESPartitionInstanceType",
  "variableSetterType" : "ESPartitionInstanceType"
},
"wrapper" : false
},
"ElasticsearchClusterConfig" : {
  "c2jName" : "ElasticsearchClusterConfig",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Specifies the configuration for the domain cluster, such as the type and number of instances.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "marshallers" : [ {
    "beanStyleGetterMethodName" : "getInstanceTypeAsString",
    "beanStyleSetterMethodName" : "setInstanceType",
    "c2jName" : "InstanceType",
    "c2jShape" : "ESPartitionInstanceType",
    "defaultConsumerFluentSetterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>
  \
This
is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link InstanceTypeAsString(String)\}.

@see InstanceType(String)
mapModel" : null,
"marshallingType" : "STRING",
"name" : "InstanceType",
"setterDocumentation" : "<p>The instance type for an Elasticsearch cluster.</p>
@param instanceType The instance type for an Elasticsearch cluster.<n>@see ESPartitionInstanceType",
"setterMethodName" : "setInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "instanceType",
  "variableType" : "String",
  "documentation" : "<p>The instance type for an Elasticsearch cluster.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getInstanceCount",
  "beanStyleSetterMethodName" : "setInstanceCount",
  "c2jName" : "InstanceCount",
  "c2jShape" : "IntegerClass",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>
This is a convenience that creates an instance of the [link Integer.Builder] avoiding the need to create one manually via [link Integer#builder()].
When the [link Consumer] completes, [link Integer.Builder#build()] is called immediately and its result is passed to [link Integer#instanceCount(Integer)].
@n@param instanceCount a consumer that will call methods on [link Integer.Builder]n@return Returns a reference to this object so that method calls can be chained together.<n>@see #instanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The number of instances in the specified domain cluster.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceCount",
  "fluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>
@param instanceCount The number of instances in the specified domain cluster.<n>@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "\nThe number of instances in the specified domain cluster.
\n@return The number of instances in the specified domain cluster."
,
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "InstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "InstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "InstanceCount",
"setterDocumentation" : "\nThe number of instances in the specified domain cluster."
"setterMethodName" : "setInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "instanceCount",}
"variableType": "Integer",
"documentation": "The number of instances in the specified domain cluster."
"simpleType": "Integer",
"variableSetterType": "Integer"
}
"xmlNameSpaceUri": null
],
"beanStyleGetterMethodName": "getDedicatedMasterEnabled",
"beanStyleSetterMethodName": "setDedicatedMasterEnabled",
"c2jName": "DedicatedMasterEnabled",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "A boolean value to indicate whether a dedicated master node is enabled. See \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a>\) for more information.\nThis is a convenience that creates an instance of the \{@link Boolean.Builder\} avoiding the need to create one manually via \{@link Boolean#builder()\}.\nWhen the \{@link Consumer\} completes, \{@link Boolean.Builder#build()\} is called immediately and its result is passed to \{@link #dedicatedMasterEnabled(Boolean)\}.\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a>\) for more information.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #dedicatedMasterEnabled(Boolean)",
"deprecated": false,
"documentation": "A boolean value to indicate whether a dedicated master node is enabled. See \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a>\) for more information."
"enumType": null,
"eventHeader": false,
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"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "dedicatedMasterEnabled",
"fluentSetterDocumentation": "A boolean value to indicate whether a dedicated master node is enabled. See \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a>\) for more information.\n@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a>\) for more information.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #dedicatedMasterEnabled(Boolean)",
"getterDocumentation": "A boolean value to indicate whether a dedicated master node is enabled. See \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a>\) for more information."
"getterModel": {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
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"additionalUnmarshallingPath" : null,
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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DedicatedMasterEnabled",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterEnabled",
"uri" : false
},
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"isBinary" : false,
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"list" : false,
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"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "DedicatedMasterEnabled",
"setterDocumentation" : "A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.

@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.",
"setterMethodName" : "setDedicatedMasterEnabled",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "dedicatedMasterEnabled",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Boolean",
"variableName" : "dedicatedMasterEnabled",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"}
"variableName" : "dedicatedMasterEnabled",
"variableType" : "Boolean",
"documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getZoneAwarenessEnabled",
"beanStyleSetterMethodName" : "setZoneAwarenessEnabled",
"c2jName" : "ZoneAwarenessEnabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>This is a convenience that creates an instance of the <a href="#link Boolean.Builder">avoiding the need to create one manually via <a href="#link Boolean.Builder.Builder()">When the <a href="#link Consumer">completes, <a href="#link Boolean.Builder#build()">is called immediately and its result is passed to <a href="#link ZoneAwarenessEnabled(Boolean)">a consumer that will call methods on <a href="#link Boolean.Builder">a return</a> Returns a reference to this object so that method calls can be chained together.</a></a>@see #zoneAwarenessEnabled(Boolean)"
,"deprecated" : false,
"documentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "zoneAwarenessEnabled",
"fluentSetterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>",
"fluentSetterMethodName" : "zoneAwarenessEnabled",
"getterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>",
"getterMethodName" : "zoneAwarenessEnabled",
"getDocumentation": "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>",
"getterSetterMethodDocumentation": "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>"
"getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
},
"http" : {
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    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ZoneAwarenessEnabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ZoneAwarenessEnabled",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "ZoneAwarenessEnabled",
"setterDocumentation" : "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>
@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.",
"setterMethodName" : "setZoneAwarenessEnabled",
"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "zoneAwarenessEnabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Boolean"
"variableName" : "zoneAwarenessEnabled",
"variableType" : "Boolean",
"documentation" : "A boolean value to indicate whether zone awareness is enabled. See &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="/_blank">About Zone Awareness</a> for more information.&lt;/a&gt;",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getDedicatedMasterTypeAsString",
"beanStyleSetterMethodName" : "setDedicatedMasterType",
"c2jName" : "DedicatedMasterType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "The instance type for a dedicated master node.&lt;/p&gt;&lt;\n&gt;This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].&lt;/n&gt;When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #dedicatedMasterTypeAsString(String)].

@decreased = false,
"documentation" : "The instance type for a dedicated master node.&lt;/p&gt;",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "dedicatedMasterType",
"fluentEnumSetterMethodName" : "dedicatedMasterType",
"fluentMethodName" : "dedicatedMasterTypeAsString",
"fluentSetterDocumentation" : "The instance type for a dedicated master node.&lt;/p&gt;&lt;n&gt;Returns a reference to this object so that method calls can be chained together.&lt;n&gt;@see #dedicatedMasterType(String)",
"deprecated" = false,
"documentation" : "The instance type for a dedicated master node.&lt;/p&gt;",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentMethodName" : "dedicatedMasterTypeAsString",
"fluentSetterDocumentation" : "The instance type for a dedicated master node.&lt;/p&gt;&lt;n&gt;If the service returns an enum value that is not available in the current SDK version, [@link #dedicatedMasterType] will return [@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #dedicatedMasterTypeAsString].&lt;n&gt;&lt;/p&gt;&lt;n&gt;@see ESPartitionInstanceType",
"getterDocumentation" : "The instance type for a dedicated master node.&lt;/p&gt;&lt;n&gt;@see ESPartitionInstanceType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DedicatedMasterType",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DedicatedMasterType",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DedicatedMasterType",
"setterDocumentation": "The instance type for a dedicated master node."
@param dedicatedMasterType The instance type for a dedicated master node.
@see ESPartitionInstanceType",
"setterMethodName": "setDedicatedMasterType",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "dedicatedMasterType",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "dedicatedMasterType",
  "variableType": "String",
  "documentation": "The instance type for a dedicated master node.
  
  This is a convenience that creates an instance of the { @link Integer.Builder } avoiding
  the need to create one manually via { @link Integer#builder() }. When the { @link Consumer }
  completes, { @link Consumer
Integer.Builder#build()} is called immediately and its result is passed to {@link
#dedicatedMasterCount(Integer)}.\n@param dedicatedMasterCount a consumer that will call methods on {@link
Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #dedicatedMasterCount(Integer)

"deprecated" : false,
"documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterCount",
"fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>
"param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.\n@return Total number of dedicated master nodes, active and on standby, for the cluster.
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DedicatedMasterCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "DedicatedMasterCount",
"setterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the
cluster.

```json
"setterMethodName" : "setDedicatedMasterCount",
"setterModel" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "dedicatedMasterCount",
    "variableType" : "Integer",
    "documentation" : null,
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Integer",
    "variableName" : "dedicatedMasterCount",
    "variableType" : "Integer",
    "documentation" : "Total number of dedicated master nodes, active and on standby, for the cluster.",
    "simpleType" : "Integer",
    "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
    "DedicatedMasterCount" : {
        "beanStyleGetterMethodName" : "getDedicatedMasterCount",
        "beanStyleSetterMethodName" : "setDedicatedMasterCount",
        "c2jName" : "DedicatedMasterCount",
        "c2jShape" : "IntegerClass",
        "defaultConsumerFluentSetterDocumentation" : "Total number of dedicated master nodes, active and on standby, for the cluster."
    }
},
"deprecated" : false,
"documentation" : "Total number of dedicated master nodes, active and on standby, for the cluster.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterCount",
"fluentSetterDocumentation" : "Total number of dedicated master nodes, active and on standby, for the cluster.",
"fluentSetterMethodName" : "dedicatedMasterCount",
"@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.",
```

This is a convenience that creates an instance of the Integer.Builder avoiding the need to create one manually via Integer.builder(). When the Consumer completes, Integer.Builder.build() is called immediately and its result is passed to dedicatedMasterCount(Integer).

param dedicatedMasterCount a consumer that will call methods on Integer.Builder

\n@see dedicatedMasterCount(Integer)

returns a reference to this object so that method calls can be chained together.

```

returns a reference to this object so that method calls can be chained together.

```

```
"getterDocumentation": "Total number of dedicated master nodes, active and on standby, for the cluster.",
"getterModel": {
    "returnType": "Integer",
    "documentation": null
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"http": {
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    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "DedicatedMasterCount",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "DedicatedMasterCount",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "DedicatedMasterCount",
"setterDocumentation": "Total number of dedicated master nodes, active and on standby, for the cluster.",
"setterMethodName": "setDedicatedMasterCount",
"setterModel": {
    "variableDeclarationType": "Integer",
    "variableName": "dedicatedMasterCount",
    "variableType": "Integer",
    "documentation": null,
    "simpleType": "Integer",
    "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "Integer",
    "variableName": "dedicatedMasterCount"
"variableType" : "Integer",
"documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.&lt;/p&gt;",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"DedicatedMasterEnabled" : {
"beanStyleGetterMethodName" : "getDedicatedMasterEnabled",
"beanStyleSetterMethodName" : "setDedicatedMasterEnabled",
"c2jName" : "DedicatedMasterEnabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.&lt;/p&gt;&lt;/a&gt;\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean#builder()}.\n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterEnabled(Boolean)}.\n\n@param dedicatedMasterEnabled a consumer that will call methods on { @link Boolean.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #dedicatedMasterEnabled(Boolean)",
"deprecated" : false,
"documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "dedicatedMasterEnabled",
"fluentSetterMethodName" : "dedicatedMasterEnabled",
"fluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.&lt;/p&gt;\n@return Returns a reference to this object so that method calls can be chained together.;",
"getterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.&lt;/p&gt;\n@return Returns a reference to this object so that method calls can be chained together.;"
"getterModel": {
"returnType": "Boolean",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "DedicatedMasterEnabled",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DedicatedMasterEnabled",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "DedicatedMasterEnabled",
"setterDocumentation": "A boolean value to indicate whether a dedicated master node is enabled. See [About Dedicated Master Nodes](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes) for more information.

@<param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See [About Dedicated Master Nodes](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes) for more information.

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"documentation": null,
"simple": true,
"variableSetterType": "Boolean"
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"simple": true,
"timestampFormat": null,
"variable": {

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"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
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"xmlNameSpaceUri" : null
},
"DedicatedMasterType" : {
"beanStyleGetterMethodName" : "getDedicatedMasterTypeAsString",
"beanStyleSetterMethodName" : "setDedicatedMasterType",
"c2jName" : "DedicatedMasterType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "The instance type for a dedicated master node.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterTypeAsString(String)}.

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"fluentEnumSetterMethodName" : "dedicatedMasterType",
"fluentGetterMethodName" : "dedicatedMasterTypeAsString",
"fluentSetterDocumentation" : "The instance type for a dedicated master node.\n
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterTypeAsString(String)}.

@see #dedicatedMasterType(String)",
"getDocumentation" : "The instance type for a dedicated master node."",
"getterMethod" : "getDedicatedMasterType()

The raw value returned by the service is available from { @link #dedicatedMasterTypeAsString()}.

@see ESPartitionInstanceType",
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  "documentation" : null
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"uri" : false
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"setterMethodName" : "setDedicatedMasterType",
"setterModel" : {
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  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
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"simple" : true,
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  "variableType" : "String",
  "documentation" : "<p>The instance type for a dedicated master node.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
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"xmlNameSpaceUri" : null
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      "variableType" : "Integer",
      "documentation" : "The number of instances of a type.

      @param instanceCount The number of instances of a type.
      @see InstanceManager"
    }
  }
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"defaultConsumerFluentSetterDocumentation" : "<p>The number of instances in the specified domain cluster.</p>
This is a convenience that creates an instance of the @{link Integer.Builder} avoiding the need to create one manually via @{link Integer#builder()}. When the @{link Consumer} completes, @{link Integer.Builder#build()} is called immediately and its result is passed to @{link #instanceCount(Integer)}.@n@n@returns Returns a reference to this object so that method calls can be chained together.@n@see #instanceCount(Integer)",
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@return The number of instances in the specified domain cluster.",
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"setterDocumentation" : "\n\n@param instanceCount The number of instances in the specified domain cluster."
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  "variableSetterType" : "Integer"
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"xmlNameSpaceUri" : null

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  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "\n\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String.Builder#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #instanceTypeAsString(String)\}.\n\n@see #instanceType(String)
\n\n\n\n@see ESPartitionInstanceType\n\n\n@deprecated "\n\n\n documentation" : "The instance type for an Elasticsearch cluster."
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  "eventPayload" : false,
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  "fluentEnumSetterMethodName" : "instanceType",
  "fluentGetterMethodName" : "instanceTypeAsString",
  "fluentSetterDocumentation" : "The instance type for an Elasticsearch cluster.\n\n@see ESPartitionInstanceType\n\n\n@return Returns a reference to this
object so that method calls can be chained together.

@see ESPartitionInstanceType

/**
 * The instance type for an Elasticsearch cluster.
 * If the service returns an enum value that is not available in the current SDK version, @link #instanceType
 * will return @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available
 * from @link #instanceTypeAsString.
 */

public String instanceType()

@see ESPartitionInstanceType

/**
 * The instance type for an Elasticsearch cluster.
 * @param instanceType The instance type for an Elasticsearch cluster.
 * @see ESPartitionInstanceType
 */

public void setInstanceType(String instanceType)

@see ESPartitionInstanceType

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  "variableSetterType" : "String"
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  "c2jName" : "ZoneAwarenessEnabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "A boolean value to indicate whether zone awareness is enabled. See \<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.\nThis is a convenience that creates an instance of the \<link Boolean.Builder\> avoiding the need to create one manually via \<link Boolean.Builder\>. When the \<link Consumer\> completes, \<link Boolean.Builder\> is called immediately and its result is passed to \<link ZoneAwarenessEnabled\> a consumer that will call methods on \<link Boolean.Builder\> \n@see #zoneAwarenessEnabled(Boolean)",
  "deprecated" : false,
  "documentation" : "A boolean value to indicate whether zone awareness is enabled. See \<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.\nenumType" : null,
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  "fluentSetterMethodName" : "zoneAwarenessEnabled",
  "fluentSetterDocumentation" : "A boolean value to indicate whether zone awareness is enabled. See \<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See \<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #zoneAwarenessEnabled(Boolean)",
  "getterDocumentation" : "A boolean value to indicate whether zone awareness is enabled. See \<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.\n@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See \<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.\n@return Returns a reference to this object so that method calls can be chained together.",
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    "statusCode" : false,
    "unmarshallLocationName" : "ZoneAwarenessEnabled",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "BOOLEAN",

"name" : "ZoneAwarenessEnabled",

"setterDocumentation" : "A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness\" target="_blank"">About Zone Awareness</a> for more information.

@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness\" target="_blank"">About Zone Awareness</a> for more information.

"setterMethodName" : "setZoneAwarenessEnabled",

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    "variableSetterType" : "Boolean"
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"simple" : true,

"timestampFormat" : null,

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"variableDeclarationType" : "Boolean",
"variableName" : "zoneAwarenessEnabled",
"variableType" : "Boolean",
"documentation" : "A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information."",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
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"xmlNameSpaceUri" : null
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  "beanStyleGetterMethodName" : "getInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setInstanceType",
  "c2jName" : "InstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "The instance type for an Elasticsearch cluster.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #instanceTypeAsString(String)}. The instance type a consumer

that will call methods on { @link String.Builder} returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "The instance type for an Elasticsearch cluster.

"enumType" : "ESPartitionInstanceType",
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"eventPayload" : false,
"fluentEnumGetterMethodName" : "instanceType",
"fluentEnumSetterMethodName" : "instanceType",
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"fluentSetterDocumentation" : "The instance type for an Elasticsearch cluster.

The instance type for an Elasticsearch cluster.

"fluentSetterMethodName" : "instanceType",
"getterDocumentation" : "If the service returns an enum value that is not available in the current SDK version, { @link #instanceType} will return { @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #instanceTypeAsString}.

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  "documentation" : null
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"marshallingType" : "STRING",
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@param instanceType The instance type for an Elasticsearch cluster.
@see ESPartitionInstanceType",
"setterMethodName" : "setInstanceType",
"setterModel" : {
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"xmlNameSpaceUri" : null
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"beanStyleGetterMethodName" : "getInstanceCount",
"beanStyleSetterMethodName" : "setInstanceCount",
"c2jName" : "InstanceCount",
"c2jShape" : "IntegerClass"
The number of instances in the specified domain cluster.

This is a convenience that creates an instance of the \{ @link Integer.Builder \} avoiding the need to create one manually via \{ @link Integer#builder() \}.

When the \{ @link Consumer \} completes, \{ @link Integer.Builder#build() \} is called immediately and its result is passed to \{ @link #instanceCount(Integer) \}.

@see #instanceCount(Integer)

@returns Returns a reference to this object so that method calls can be chained together.

### Documentation

The number of instances in the specified domain cluster.

### Fluent setters

<table>
<thead>
<tr>
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<th>Type</th>
<th>Documentation</th>
</tr>
</thead>
<tbody>
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<td>The number of instances in the specified domain cluster.</td>
</tr>
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### Fluent getters

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<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>instanceCount</td>
<td>int</td>
<td>The number of instances in the specified domain cluster.</td>
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### HTTP

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<th>Greedy</th>
<th>Header</th>
<th>Is Payload</th>
<th>Is Streaming</th>
<th>Location</th>
<th>Marshall Location</th>
<th>Marshall Location Name</th>
<th>Query String</th>
<th>StatusCode</th>
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"simple" : true,
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  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : "<p>The number of instances in the specified domain cluster.</p>
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"c2jName" : "DedicatedMasterEnabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean.Builder#builder()}.\n\nWhen the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #dedicatedMasterEnabled(Boolean)}.\n@\n\n@param dedicatedMasterEnabled a consumer that will call methods on { @link Boolean.Builder}\n@\n@see #dedicatedMasterEnabled(Boolean)"
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  "documentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.\n</p>",
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"fluentSetterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>@param dedicatedMasterEnabled A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.<br>@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "dedicatedMasterEnabled",
"getterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.</p>
@return A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-dedicatedmasternodes" target="_blank">About Dedicated Master Nodes</a> for more information.",

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"isStreaming" : false,
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"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterEnabled",
"uri" : false
},

"idempotencyToken" : false,
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"setterDocumentation" : "<p>A boolean value to indicate whether a dedicated master node is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-
"eventPayload": false,
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"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "zoneAwarenessEnabled",
"fluentSetterDocumentation": "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.<p>@return Returns a reference to this object so that method calls can be chained together.");
"fluentSetterMethodName": "zoneAwarenessEnabled",
"getterDocumentation": "<p>A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.</p>@return A boolean value to indicate whether zone awareness is enabled. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness" target="_blank">About Zone Awareness</a> for more information.",
"getterModel": {
"returnType": "Boolean",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ZoneAwarenessEnabled",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ZoneAwarenessEnabled",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"JsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "ZoneAwarenessEnabled",
"setterDocumentation": "<p>A boolean value to indicate whether zone awareness is enabled. See <a
About Zone Awareness

@param zoneAwarenessEnabled A boolean value to indicate whether zone awareness is enabled. See [About Zone Awareness](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-managedomains.html#es-managedomains-zoneawareness) for more information.

```java
public void setZoneAwarenessEnabled(boolean zoneAwarenessEnabled) {
    this.zoneAwarenessEnabled = zoneAwarenessEnabled;
}
```

@deprecated

The instance type for a dedicated master node.

```java
public String getDedicatedMasterTypeAsString() {
    return dedicatedMasterTypeAsString;
}
```

This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `{@link String.Builder#builder()}`. When the `{@link Consumer} completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #dedicatedMasterType(String)}`. When the `{@link Consumer} completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #dedicatedMasterType(String)}`.

```java
@<@return Returns a reference to this object so that method calls can be chained together.

```
Returns a reference to this object so that method calls can be chained together:

@see ESPartitionInstanceType

"getterMethodName" : "dedicatedMasterType",
"getterDocumentation" : "<p>The instance type for a dedicated master node.</p>
If the service returns an enum value that is not available in the current SDK version, [@link #dedicatedMasterType] will return [@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #dedicatedMasterTypeAsString].

@return The instance type for a dedicated master node.
@see ESPartitionInstanceType

"setterMethodName" : "setDedicatedMasterType",
"setterDocumentation" : "<p>The instance type for a dedicated master node.</p>
@param dedicatedMasterType The instance type for a dedicated master node.
@see ESPartitionInstanceType

"setterMethodName" : "setDedicatedMasterType",
"setterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DedicatedMasterType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DedicatedMasterType",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DedicatedMasterType",
"setterDocumentation" : "<p>The instance type for a dedicated master node.</p>
@param dedicatedMasterType The instance type for a dedicated master node.
@see ESPartitionInstanceType

"setterMethodName" : "setDedicatedMasterType",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "dedicatedMasterType",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "dedicatedMasterType",
    "variableType" : "String",
    "documentation" : "<p>The instance type for a dedicated master node.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlnsSpaceUri" : null
},
{
    "beanStyleGetterMethodName" : "getDedicatedMasterCount",
    "beanStyleSetterMethodName" : "setDedicatedMasterCount",
    "c2jName" : "DedicatedMasterCount",
    "c2jShape" : "IntegerClass",
    "defaultConsumerFluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder#builder()}. When the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link #dedicatedMasterCount(Integer)].
*param dedicatedMasterCount a consumer that will call methods on [@link Integer.Builder]*
@returns Returns a reference to this object so that method calls can be chained together.
@see [dedicatedMasterCount(Integer)]",
    "deprecated" : false,
    "documentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "dedicatedMasterCount",
    "fluentSetterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>
*param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.*
@returns Returns a reference to this object so that method calls can be chained together.
    "fluentSetterMethodName" : "dedicatedMasterCount",
    "getterDocumentation" : "<p>Total number of dedicated master nodes, active and on standby, for the cluster.</p>*param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.*
@returns Total number of dedicated master nodes, active and on standby, for the cluster.
    "getterModel" : {
        "returnType" : "Integer",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
Total number of dedicated master nodes, active and on standby, for the cluster.

@param dedicatedMasterCount Total number of dedicated master nodes, active and on standby, for the cluster.

```javascript
".setterMethodName" : "setDedicatedMasterCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "dedicatedMasterCount",
  "variableType" : "Integer",
  "documentation" : "Total number of dedicated master nodes, active and on standby, for the cluster.",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "dedicatedMasterCount",
  "variableType" : "Integer",
  "documentation" : "Total number of dedicated master nodes, active and on standby, for the cluster.",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null

```

"resultWrapper" : null,
},
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"wrapper" : false
},
"ElasticsearchClusterConfigStatus" : {
  "c2jName" : "ElasticsearchClusterConfigStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Specifies the configuration status for the specified Elasticsearch domain.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "ElasticsearchClusterConfig",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via {@link ElasticsearchClusterConfig#builder()}. When the {@link Consumer} completes, ({@link ElasticsearchClusterConfig.Builder#build()}) is called immediately and its result is passed to {@link #options(ElasticsearchClusterConfig)}.<p> <p> <p> <param> options a consumer that will call methods on {@link ElasticsearchClusterConfig.Builder}@return Returns a reference to this object so that method calls can be chained together.<p> <p> <p> see #options(ElasticsearchClusterConfig)",
  "deprecated" : false,
"documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p> ",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p> 
@param options Specifies the cluster configuration for the specified Elasticsearch domain. 
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p> 
@return Specifies the cluster configuration for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "ElasticsearchClusterConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p> 
@param options Specifies the cluster configuration for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "options",


"variableType": "ElasticsearchClusterConfig",
"documentation": null,
"simpleType": "ElasticsearchClusterConfig",
"variableSetterType": "ElasticsearchClusterConfig"
}
,
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchClusterConfig",
  "variableName": "options",
  "variableType": "ElasticsearchClusterConfig",
  "documentation": "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
  "simpleType": "ElasticsearchClusterConfig",
  "variableSetterType": "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri": null
}, {
  "beanStyleGetterMethodName": "getStatus",
  "beanStyleSetterMethodName": "setStatus",
  "c2jName": "Status",
  "c2jShape": "OptionStatus",
  "defaultConsumerFluentSetterDocumentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>\n\nThis is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#builder()}. When the {@link Consumer} completes, (@link OptionStatus.Builder#build()) is called immediately and its result is passed to {@link OptionStatus.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #status(OptionStatus)",
  "deprecated": false,
  "documentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "status",
  "fluentSetterMethodName": "status",
  "fluentSetterDocumentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #status(OptionStatus)",
  "getterDocumentation": "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>\n@returns The status of the configuration for the specified Elasticsearch domain.\n@returns Returns a reference to this object so that method calls can be chained together.\n",
  "getterModel": {
    "returnType": "OptionStatus",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of the configuration for the specified Elasticsearch domain.\</p>\n@param status Specifies the status of the configuration for the specified Elasticsearch domain.\",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the configuration for the specified Elasticsearch domain.\</p>\",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
}] ,
"membersAsMap" : {
  "Options" : {
"beanStyleGetterMethodName" : "getOptions",
"beanStyleSetterMethodName" : "setOptions",
"c2jName" : "Options",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain. This is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig.Builder#builder()}. When the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link #options(ElasticsearchClusterConfig)}.<br>\n@return Returns a reference to this object so that method calls can be chained together.<br>\n@param options a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder} \n</p>"

"deprecated" : false,
"documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain. </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain. </p>
\n@return Specifies the cluster configuration for the specified Elasticsearch domain.\n\n@see #options(ElasticsearchClusterConfig)",
"getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain. \n</p>
@return Specifies the cluster configuration for the specified Elasticsearch domain.
"getterModel" : {
"returnType" : "ElasticsearchClusterConfig",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain. </p>
@<param options Specifies the cluster configuration for the specified Elasticsearch domain. ">
"setterMethodName" : "setOptions",
"setterModel" : {
    "variableDeclarationType" : "ElasticsearchClusterConfig",
    "variableName" : "options",
    "variableType" : "ElasticsearchClusterConfig",
    "documentation" : null,
    "simpleType" : "ElasticsearchClusterConfig",
    "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "ElasticsearchClusterConfig",
    "variableName" : "options",
    "variableType" : "ElasticsearchClusterConfig",
    "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain. </p>
"simpleType" : "ElasticsearchClusterConfig",
    "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
},
"Status" : {
    "beanStyleGetterMethodName" : "getStatus",
    "beanStyleSetterMethodName" : "setStatus",
    "c2jName" : "Status",
    "c2jShape" : "OptionStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain. </p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}.
@<param status a consumer that will call methods on {@link OptionStatus.Builder} @<return Returns a reference to this object so that method calls can be chained together. @<see #status(OptionStatus)="#status(OptionStatus)"}
"deprecated" : false,
"documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain. </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "status",
"fluentSetterDocumentation": "<p>Specifies the status of the configuration for the specified Elasticsearch
domain. @return Specifies the status of the configuration for the specified Elasticsearch
domain. @return Returns a reference to this object so that method calls can be chained together. ",
"fluentSetterMethodName": "status",
"getterDocumentation": "<p>Specifies the status of the configuration for the specified Elasticsearch
domain.</p>@return Specifies the status of the configuration for the specified Elasticsearch domain.",
"getterModel": {
   "returnType": "OptionStatus",
   "documentation": null
},
"http": {
   "additionalMarshallingPath": null,
   "additionalUnmarshallingPath": null,
   "flat": false,
   "header": false,
   "isPayload": false,
   "isStreaming": false,
   "location": null,
   "marshallLocation": "PAYLOAD",
   "marshallLocationName": "Status",
   "queryString": false,
   "statusCode": false,
   "unmarshallLocationName": "Status",
   "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p>Specifies the status of the configuration for the specified Elasticsearch
domain.</p>@param status Specifies the status of the configuration for the specified Elasticsearch
domain.",
"setterMethodName": "setStatus",
"setterModel": {
   "variableDeclarationType": "OptionStatus",
   "variableName": "status",
   "variableType": "OptionStatus",
   "documentation": null,
   "simpleType": "OptionStatus",
   "variableSetterType": "OptionStatus"}
}
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the configuration for the specified Elasticsearch domain.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain. 
This is a convenience that creates an instance of the {<link ElasticsearchClusterConfig.Builder}> avoiding the need to create one manually via {<link ElasticsearchClusterConfig.Builder#build()>}

When the {<link Consumer}> completes, {<link ElasticsearchClusterConfig.Builder#build()>} is called immediately and its result is passed to {<link #options(ElasticsearchClusterConfig)>}.

When the {<link Consumer}> completes, {<link ElasticsearchClusterConfig.Builder#build()>} is called immediately and its result is passed to {<link #options(ElasticsearchClusterConfig)>}.

@link ElasticsearchClusterConfig.Builder\n\n@see #options(ElasticsearchClusterConfig)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>
@param options Specifies the cluster configuration for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
@link ElasticsearchClusterConfig.Builder\n@return Returns a reference to this object so that method calls can be chained together.
@link ElasticsearchClusterConfig.Builder\n@see #options(ElasticsearchClusterConfig)",
  "getterDocumentation" : "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>
@return Specifies the cluster configuration for the specified Elasticsearch domain.
@link ElasticsearchClusterConfig.Builder\n@return Specifies the cluster configuration for the specified Elasticsearch domain.
@link ElasticsearchClusterConfig.Builder\n@see #options(ElasticsearchClusterConfig)",
  "getterModel" : {
    "returnType" : "ElasticsearchClusterConfig",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Options",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Options",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Options",
"setterDocumentation": "<p> Specifies the cluster configuration for the specified Elasticsearch
domain.</p>\n@param options Specifies the cluster configuration for the specified Elasticsearch domain."
, "setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "ElasticsearchClusterConfig",
  "variableName": "options",
  "variableType": "ElasticsearchClusterConfig",
  "documentation": null,
  "simpleType": "ElasticsearchClusterConfig",
  "variableSetterType": "ElasticsearchClusterConfig"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchClusterConfig",
  "variableName": "options",
  "variableType": "ElasticsearchClusterConfig",
  "documentation": "<p> Specifies the cluster configuration for the specified Elasticsearch domain.</p>",
  "simpleType": "ElasticsearchClusterConfig",
  "variableSetterType": "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getStatus",
"beanStyleSetterMethodName": "setStatus",
"c2jName": "Status",
"c2jShape": "OptionStatus"
"defaultConsumerFluentSetterDocumentation" : 
"<p> Specifies the status of the configuration for the specified Elasticsearch domain. </p>"
"enumerable" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : 
"<p> Specifies the status of the configuration for the specified Elasticsearch domain. </p>"
"fluentSetterMethodName" : "status",
"getterDocumentation" : 
"<p> Specifies the status of the configuration for the specified Elasticsearch domain. </p>"
"getterModel" : 
{ "returnType" : "OptionStatus",
  "documentation" : null
 },
"http" : 
{ "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallerType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p>Specifies the status of the configuration for the specified Elasticsearch domain.

@<param status Specifies the status of the configuration for the specified Elasticsearch domain.
</param>
"setterMethodName": "setStatus",

"setterModel": {
"variableDeclarationType": "OptionStatus",
"variableName": "status",
"variableType": "OptionStatus",
"documentation": null,
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,

"variable": {
"variableDeclarationType": "OptionStatus",
"variableName": "status",
"variableType": "OptionStatus",
"documentation": null,
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
}

"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": ["Options", "Status"],
"shapeName": "ElasticsearchClusterConfigStatus",
"simpleMethod": false,

"unmarshaller": {
"flattened": false,
"resultWrapper": null
},

"variable": {
"variableDeclarationType": "ElasticsearchClusterConfigStatus",
"variableName": "elasticsearchClusterConfigStatus",
"variableType": "ElasticsearchClusterConfigStatus",
"documentation": null,
"simpleType": "ElasticsearchClusterConfigStatus",
"variableSetterType": "ElasticsearchClusterConfigStatus"
},

"wrapper": false

"ElasticsearchDomainConfig": {
"c2jName": "ElasticsearchDomainConfig",
"customization": {
"artificialResultWrapper": null,
"xmlNameSpaceUri": null
}
}
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The configuration of an Elasticsearch domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ { "beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionStatus",
"defaultConsumerFluentSetterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain.

This is a convenience that creates an instance of the { @link ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via { @link ElasticsearchVersionStatus#builder()}. When the { @link Consumer} completes, { @link ElasticsearchVersionStatus.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchVersion(String)} a consumer that will call methods on { @link ElasticsearchVersionStatus.Builder} that can be chained together.

"deprecated" : false,
"documentation" : "String of format X.Y to specify version for the Elasticsearch domain."",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain.

"deprecated" : false,
"documentation" : "String of format X.Y to specify version for the Elasticsearch domain."",
"getterDocumentation" : "String of format X.Y to specify version for the Elasticsearch domain."",
"getterModel" : { "returnType" : "ElasticsearchVersionStatus",
"documentation" : null}
"defaultConsumerFluentSetterDocumentation" : "\p Specify the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.\p
This is a convenience that creates an instance of the [link ElasticsearchClusterConfigStatus.Builder] avoiding the need to create one manually via [link ElasticsearchClusterConfigStatus#builder()].\nWhen the [link Consumer] completes, [link ElasticsearchClusterConfigStatus.Builder#build()] is called immediately and its result is passed to [link ElasticsearchClusterConfig(ElasticsearchClusterConfigStatus)].\n@param elasticsearchClusterConfig a consumer that will call methods on [link ElasticsearchClusterConfigStatus.Builder]\n@returns Returns a reference to this object so that method calls can be chained together.\n@see ElasticsearchClusterConfig(ElasticsearchClusterConfigStatus),\n"deprecated" : false,\n"documentation" : "\p Specify the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.\p",\n"enumType" : null,\n"eventHeader" : false,\n"eventPayload" : false,\n"fluentEnumGetterMethodName" : null,\n"fluentEnumSetterMethodName" : null,\n"fluentGetterMethodName" : "elasticsearchClusterConfig",\n"fluentSetterDocumentation" : "\p Specify the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.\n@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.,\n"fluentSetterMethodName" : "elasticsearchClusterConfig",\n"getterDocumentation" : "\p Specify the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.\n@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.,\n"getterModel" : {\n  "returnType" : "ElasticsearchClusterConfigStatus",\n  "documentation" : null\n},\n"http" : {\n  "additionalMarshallingPath" : null,\n  "additionalUnmarshallingPath" : null,\n  "flattened" : false,\n  "greedy" : false,\n  "header" : false,\n  "isPayload" : false,\n  "isStreaming" : false,\n  "location" : null,\n  "marshallLocation" : "PAYLOAD",\n  "marshallLocationName" : "ElasticsearchClusterConfig",\n  "queryString" : false,\n  "statusCode" : false,\n  "unmarshallLocationName" : "ElasticsearchClusterConfig",\n  "responseMarshallingPath" : null,\n  "responseUnmarshallingPath" : null,\n  "responseWithLocation" : false,\n  "responseWithoutLocation" : false,\n  "soapAction" : null,\n  "soapNamespace" : null\n}
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p">
@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the
Elasticsearch domain.
,"
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variable SetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch
domain.</p>",
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variable SetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the
Elasticsearch domain.</p>
This is a convenience that creates an instance of the {
@link EBSOptionsStatus.Builder} avoiding the need to create one manually via {
@link EBSOptionsStatus#builder()}.

When the {
@link Consumer} completes, {
@link EBSOptionsStatus.Builder#build()} is called immediately and its result is passed to
{
@link EbsOptions}(EBSOptionsStatus).)
@param ebsOptions a consumer that will call methods on {
@link EBSOptionsStatus.Builder}
@return Returns a reference to this object so that method calls can be chained
together.
@see #ebsOptions(EBSOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "EBSOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.
@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptions",
}
"variableType" : "EBSOptionsStatus",
"documentation" : null,
"simpleType" : "EBSOptionsStatus",
"variableSetterType" : "EBSOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptionsStatus",
  "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
  "simpleType" : "EBSOptionsStatus",
  "variableSetterType" : "EBSOptionsStatus"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "AccessPoliciesStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
  
  This is a convenience that creates an instance of the { @link AccessPoliciesStatus.Builder} avoiding the need to create one manually via { @link AccessPoliciesStatus#builder()}. When the { @link Consumer} completes, { @link AccessPoliciesStatus.Builder#build()} is called immediately and its result is passed to { @link AccessPoliciesStatus.Builder}.

  @param accessPolicies a consumer that will call methods on { @link AccessPoliciesStatus.Builder}
  @return Returns a reference to this object so that method calls can be chained together.
  @see #accessPolicies(AccessPoliciesStatus)",
  "deprecated" : false,
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "accessPolicies",
  "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
  
  @param accessPolicies IAM access policy as a JSON-formatted string.
  @return Returns a reference to this object so that method calls can be chained together.
  
  @see #accessPolicies(AccessPoliciesStatus)",
  "getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
  
  @return IAM access policy as a JSON-formatted string.
  
  @see #accessPolicies(AccessPoliciesStatus)",
  "getterModel" : {
    "returnType" : "AccessPoliciesStatus",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AccessPolicies",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AccessPolicies",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.\n@\n@param accessPolicies IAM access policy as a JSON-formatted string.\n"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : null,
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : "\n<p>IAM access policy as a JSON-formatted string.\n"simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"xmlnsNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getSnapshotOptions",
"beanStyleSetterMethodName" : "setSnapshotOptions"
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain. This is a convenience that creates an instance of the { @link SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link SnapshotOptionsStatus#builder()}. When the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link snapshotOptions(SnapshotOptionsStatus)}.

When the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link snapshotOptions(SnapshotOptionsStatus)}.

@param snapshotOptions a consumer that will call methods on { @link SnapshotOptionsStatus.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #snapshotOptions(SnapshotOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain. This is a convenience that creates an instance of the { @link SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link SnapshotOptionsStatus#builder()}. When the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link snapshotOptions(SnapshotOptionsStatus)}.

When the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link snapshotOptions(SnapshotOptionsStatus)}.

@param snapshotOptions a consumer that will call methods on { @link SnapshotOptionsStatus.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #snapshotOptions(SnapshotOptionsStatus)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain. This is a convenience that creates an instance of the { @link SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link SnapshotOptionsStatus#builder()}. When the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link snapshotOptions(SnapshotOptionsStatus)}.

When the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link snapshotOptions(SnapshotOptionsStatus)}.

@param snapshotOptions a consumer that will call methods on { @link SnapshotOptionsStatus.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #snapshotOptions(SnapshotOptionsStatus)",
"getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain. This is a convenience that creates an instance of the { @link SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link SnapshotOptionsStatus#builder()}. When the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link snapshotOptions(SnapshotOptionsStatus)}.

When the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link snapshotOptions(SnapshotOptionsStatus)}.

@param snapshotOptions a consumer that will call methods on { @link SnapshotOptionsStatus.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@see #snapshotOptions(SnapshotOptionsStatus)",
"getterModel" : {
"returnType" : "SnapshotOptionsStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "SnapshotOptions",
"setterDocumentation": "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.

@para
snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.
",
"setterMethodName": "setSnapshotOptions",
"setterModel": {
"variableDeclarationType": "SnapshotOptionsStatus",
"variableName": "snapshotOptions",
"variableType": "SnapshotOptionsStatus",
"documentation": null,
"simpleType": "SnapshotOptionsStatus",
"variableSetterType": "SnapshotOptionsStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "SnapshotOptionsStatus",
"variableName": "snapshotOptions",
"variableType": "SnapshotOptionsStatus",
"documentation": "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.
",
"simpleType": "SnapshotOptionsStatus",
"variableSetterType": "SnapshotOptionsStatus"
},
"xmlnsNameSpaceUri": null
},

"beanStyleGetterMethodName": "getVpcOptions",
"beanStyleSetterMethodName": "setVpcOptions",
"c2jName": "VPCOptions",
"c2jShape": "VPCDerivedInfoStatus",
"defaultConsumerFluentSetterDocumentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>

This is a convenience that creates an instance of the {@link VPCDerivedInfoStatus.Builder} avoiding the need to create one manually via {@link VPCDerivedInfoStatus#builder()}. When the [@link Consumer] completes, [@link VPCDerivedInfoStatus.Builder#build()] is called immediately and its result is passed to [@link VPCOptions(VPCDerivedInfoStatus)]]().

@para
vpcOptions a consumer that will call methods on the VPCDerivedInfoStatus object.

@para
@see #vpcOptions(VPCDerivedInfoStatus)
",
"deprecated": false,
"documentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>

The <code>VPCOptions</code> for the specified domain.
",
"enumType": null,
"eventHeader": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "SnapshotOptions",
"setterDocumentation": "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.

@para
snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.
",
"setterMethodName": "setSnapshotOptions",
"setterModel": {
"variableDeclarationType": "SnapshotOptionsStatus",
"variableName": "snapshotOptions",
"variableType": "SnapshotOptionsStatus",
"documentation": null,
"simpleType": "SnapshotOptionsStatus",
"variableSetterType": "SnapshotOptionsStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "SnapshotOptionsStatus",
"variableName": "snapshotOptions",
"variableType": "SnapshotOptionsStatus",
"documentation": "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.
",
"simpleType": "SnapshotOptionsStatus",
"variableSetterType": "SnapshotOptionsStatus"
},
"xmlnsNameSpaceUri": null
},

"beanStyleGetterMethodName": "getVpcOptions",
"beanStyleSetterMethodName": "setVpcOptions",
"c2jName": "VPCOptions",
"c2jShape": "VPCDerivedInfoStatus",
"defaultConsumerFluentSetterDocumentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>

This is a convenience that creates an instance of the VPCDerivedInfoStatus.Builder avoiding the need to create one manually via VPCDerivedInfoStatus#builder(). When the Consumer completes, VPCDerivedInfoStatus.Builder#build() is called immediately and its result is passed to VPCOptions(VPCDerivedInfoStatus)().

vpcOptions a consumer that will call methods on VPCDerivedInfoStatus object.

@para
vpcOptions(VPCDerivedInfoStatus)
",
"deprecated": false,
"documentation": "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>

The <code>VPCOptions</code> for the specified domain.
",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "vpcOptions",
"fluentSetterDocumentation": "<p>The `<code>VPCOptions</code>` for the specified domain. For more information, see `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
@param vpcOptions The `<code>VPCOptions</code>` for the specified domain. For more information, see `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@return Returns a reference to this object so that method calls can be chained together.
"
"fluentSetterMethodName": "vpcOptions",
"getterDocumentation": "<p>The `<code>VPCOptions</code>` for the specified domain. For more information, see `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
@return The `<code>VPCOptions</code>` for the specified domain. For more information, see `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
",

"getterModel": {
  "returnType": "VPCDerivedInfoStatus",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "VPCOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "VPCOptions",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "VPCOptions",
"setterDocumentation": "<p>The `<code>VPCOptions</code>` for the specified domain. For more information,
see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.\n\n\n@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfoStatus",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfoStatus",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfoStatus",
  "variableSetterType" : "VPCDerivedInfoStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfoStatus",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfoStatus",
  "documentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
  "simpleType" : "VPCDerivedInfoStatus",
  "variableSetterType" : "VPCDerivedInfoStatus"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptionsStatus",

This is a convenience that creates an instance of the <code>CognitoOptionsStatus</code> class without the need to create one manually via <code>CognitoOptionsStatus.builder()</code>. When the consumer completes, <code>CognitoOptionsStatus.builder().build()</code> is called immediately and its result is passed to the consumer that will call methods on the <code>CognitoOptionsStatus</code> class.

When the consumer completes, the result of <code>CognitoOptionsStatus.builder().build()</code> is passed to the consumer that will call methods on the <code>CognitoOptionsStatus</code> class. This method allows method calls to be chained together.

This is a convenience that creates an instance of the <code>CognitoOptionsStatus</code> class without the need to create one manually via <code>CognitoOptionsStatus.builder()</code>. When the consumer completes, the result of <code>CognitoOptionsStatus.builder().build()</code> is passed to the consumer that will call methods on the <code>CognitoOptionsStatus</code> class. This method allows method calls to be chained together.

@see #cognitoOptions(CognitoOptionsStatus)",
"deprecated" : false,

enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "cognitoOptions",
"fluentSetterDocumentation": "\p> The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p><\p>@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.\p@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "cognitoOptions",
"getterDocumentation": "\p> The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.\p@return The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
"getterModel": {
"returnType": "CognitoOptionsStatus",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "CognitoOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "CognitoOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "CognitoOptions",
"setterDocumentation": "\p> The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-
Amazon Cognito Authentication for Kibana

@ param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

setterMethodName": "setCognitoOptions",
"setterModel": {
  "variableDeclarationType": "CognitoOptionsStatus",
  "variableName": "cognitoOptions",
  "variableType": "CognitoOptionsStatus",
  "documentation": null,
  "simpleType": "CognitoOptionsStatus",
  "variableSetterType": "CognitoOptionsStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "CognitoOptionsStatus",
  "variableName": "cognitoOptions",
  "variableType": "CognitoOptionsStatus",
  "documentation": "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
  "simpleType": "CognitoOptionsStatus",
  "variableSetterType": "CognitoOptionsStatus"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getEncryptionAtRestOptions",
"beanStyleSetterMethodName": "setEncryptionAtRestOptions",
"c2jName": "EncryptionAtRestOptions",
"c2jShape": "EncryptionAtRestOptionsStatus",
"defaultConsumerFluentSetterDocumentation": "Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.

This is a convenience that creates an instance of the <a href="#EncryptionAtRestOptionsStatus.Builder">EncryptionAtRestOptionsStatus.Builder</a> avoiding the need to create one manually via <a href="#EncryptionAtRestOptionsStatus#builder"><code>EncryptionAtRestOptionsStatus#builder()</code></a>. When the <a href="#Consumer">Consumer</a> completes, <a href="#EncryptionAtRestOptionsStatus.Builder#build"><code>EncryptionAtRestOptionsStatus.Builder#build()</code></a> is called immediately and its result is passed to <a href="#EncryptionAtRestOptionsStatus#encryptionAtRestOptions"><code>encryptionAtRestOptions(EncryptionAtRestOptionsStatus)</code></a> a consumer that will call methods on <a href="#EncryptionAtRestOptionsStatus.Builder"><code>EncryptionAtRestOptionsStatus.Builder</code></a> and return a reference to this object so that method calls can be chained together.

@ see #encryptionAtRestOptions(EncryptionAtRestOptionsStatus)
@ deprecated": false,
"documentation": "Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetMethodMethodName": "getEncryptionAtRestOptions"}
"fluentSetterDocumentation": "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."

"@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.

"@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName": "encryptionAtRestOptions",
"getterDocumentation": "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."

"@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."

"getterModel": {
"returnType": "EncryptionAtRestOptionsStatus",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "EncryptionAtRestOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "EncryptionAtRestOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "EncryptionAtRestOptions",
"setterDocumentation": "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."

"@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."

"setterMethodName": "setEncryptionAtRestOptions",
"setterModel": {
"variableDeclarationType": "EncryptionAtRestOptionsStatus",
"variableName": "encryptionAtRestOptions",
"variableType": "EncryptionAtRestOptionsStatus",
"documentation": null,
"simpleType": "EncryptionAtRestOptionsStatus",
"variableSetterType": "EncryptionAtRestOptionsStatus"
},
"simple": false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>",
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>"

This is a convenience that creates an instance of the {@link NodeToNodeEncryptionOptionsStatus.Builder} avoiding the need to create one manually via {@link NodeToNodeEncryptionOptionsStatus#builder()}. When the {@link Consumer} completes, {@link NodeToNodeEncryptionOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link NodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)}. "@param nodeToNodeEncryptionOptions a consumer that will call methods on {@link NodeToNodeEncryptionOptionsStatus.Builder}";

"deprecated" : false,
"documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain."

@return Returns a reference to this object so that method calls can be chained together."
@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)"
,
"deprecated" : false,
"documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain."

@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain."
,
"getterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain."

@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain."
,
"gettersModel" : {
  "returnType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "NodeToNodeEncryptionOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "NodeToNodeEncryptionOptions",
"uri": false,
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "NodeToNodeEncryptionOptions",
"setterDocumentation": "Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.

@<param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain."

"setterMethodName": "setNodeToNodeEncryptionOptions",
"setterModel": {
  "variableDeclarationType": "NodeToNodeEncryptionOptionsStatus",
  "variableName": "nodeToNodeEncryptionOptions",
  "variableType": "NodeToNodeEncryptionOptionsStatus",
  "documentation": null,
  "simpleType": "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType": "NodeToNodeEncryptionOptionsStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "NodeToNodeEncryptionOptionsStatus",
  "variableName": "nodeToNodeEncryptionOptions",
  "variableType": "NodeToNodeEncryptionOptionsStatus",
  "documentation": "Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.

"simpleType": "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType": "NodeToNodeEncryptionOptionsStatus"
},
"xmlNameSpaceUri": null
}
"beanStyleGetterMethodName": "getAdvancedOptions",
"beanStyleSetterMethodName": "setAdvancedOptions",
"c2jName": "AdvancedOptions",
"c2jShape": "AdvancedOptionsStatus",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.</p><p>This is a convenience that creates an instance of the { @link AdvancedOptionsStatus.Builder} avoiding the need to create one manually via { @link AdvancedOptionsStatus#builder()}. When the { @link Consumer} completes, { @link AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link AdvancedOptionsStatus.Builder#advancedOptions(AdvancedOptionsStatus)} a consumer that will call methods on { @link AdvancedOptionsStatus.Builder#build()} if the { @link AdvancedOptionsStatus.Builder} returns a reference to this object so that method calls can be chained together. { @link AdvancedOptionsStatus.Builder#return} Returns a reference to this object so that method calls can be chained together.
</p>

"deprecated": false,

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "advancedOptions",

@param advancedOptions Specifies the <code>AdvancedOptions</code> for the domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.
@return Returns a reference to this object so that method calls can be chained together.
</p>


</p>

"getterModel": {
"returnType": "AdvancedOptionsStatus",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AdvancedOptions",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptions",
  "variableType" : "AdvancedOptionsStatus",
  "documentation" : null,
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptions",
  "variableType" : "AdvancedOptionsStatus",
  "simpleType" : "AdvancedOptionsStatus",
This is a convenience that creates an instance of the LogPublishingOptionsStatus class avoiding the need to create one manually via LogPublishingOptionsStatus.builder(). When the Consumer completes, LogPublishingOptionsStatus.Builder#build() is called immediately and its result is passed to LogPublishingOptions(LogPublishingOptionsStatus). 

@see LogPublishingOptions(LogPublishingOptionsStatus)
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptions",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOptionsStatus",
  "variableName" : "logPublishingOptions",
  "variableType" : "LogPublishingOptionsStatus",
  "documentation" : null,
  "simpleType" : "LogPublishingOptionsStatus",
  "variableSetterType" : "LogPublishingOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOptionsStatus",
  "variableName" : "logPublishingOptions",
  "variableType" : "LogPublishingOptionsStatus",
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "simpleType" : "LogPublishingOptionsStatus",
  "variableSetterType" : "LogPublishingOptionsStatus"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "AccessPolicies" : {
    "beanStyleGetterMethodName" : "getAccessPolicies",
    "beanStyleSetterMethodName" : "setAccessPolicies",
    "c2jName" : "AccessPolicies",
    "c2jShape" : "AccessPoliciesStatus",
    "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the {@link AccessPoliciesStatus.Builder} avoiding the need to create one manually via {@link AccessPoliciesStatus#builder()}. When the {@link Consumer} completes, the result is passed to the builder.

@deprecated
@see #accessPolicies(AccessPoliciesStatus)"
},
"deprecated" : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string.";
"getterModel" : {
"returnType" : "AccessPoliciesStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AccessPolicies",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AccessPolicies",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.
@return Returns a reference to this object so that method calls can be chained together."
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
"variableDeclarationType" : "AccessPoliciesStatus",
"variableName" : "accessPolicies",
"variableType" : "AccessPoliciesStatus",
"documentation" : null,
"simpleType" : "AccessPoliciesStatus",
"variableSetterType" : "AccessPoliciesStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AccessPoliciesStatus",
  "variableName" : "accessPolicies",
  "variableType" : "AccessPoliciesStatus",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "AccessPoliciesStatus",
  "variableSetterType" : "AccessPoliciesStatus"
},
"xmlNameSpaceUri" : null
},
"AdvancedOptions" : {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptionsStatus",
This is a convenience that creates an instance of the { @link AdvancedOptionsStatus.Builder} avoiding the need to create one manually via { @link AdvancedOptionsStatus#builder()}. When the { @link Consumer} completes, { @link AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link AdvancedOptions(AdvancedOptionsStatus)}.<br>
@see #advancedOptions(AdvancedOptionsStatus)",
  "deprecated" : false,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "advancedOptions",
@see #advancedOptions(AdvancedOptionsStatus)",
  "param advancedOptions a consumer that will call methods on { @link AdvancedOptionsStatus.Builder} when the { @link Consumer} completes, { @link AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link AdvancedOptions(AdvancedOptionsStatus)}.<br>
@see #advancedOptions(AdvancedOptionsStatus)",
  "return Returns a reference to this object so that method calls can be chained together.
  "@see #advancedOptions(AdvancedOptionsStatus)";

```
public AdvancedOptionsStatus getAdvancedOptions() {
    return advancedOptions;
}
```

```
public void setAdvancedOptions(AdvancedOptionsStatus advancedOptions) {
    this.advancedOptions = advancedOptions;
}
```
"variableName" : "advancedOptions",
"variableType" : "AdvancedOptionsStatus",
"documentation" : null,
"simpleType" : "AdvancedOptionsStatus",
"variableSetterType" : "AdvancedOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AdvancedOptionsStatus",
  "variableName" : "advancedOptions",
  "variableType" : "AdvancedOptionsStatus",
  "documentation" : null,
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"}
},
"CognitoOptions" : {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.</p>",
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},
"xmlNameSpaceUri" : null
},
"CognitoOptions" : {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.</p>",
  "simpleType" : "AdvancedOptionsStatus",
  "variableSetterType" : "AdvancedOptionsStatus"
},
"xmlNameSpaceUri" : null
},
"CognitoOptions" : {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html#es-createdomain-configure-advanced-options" target="_blank">Configuring Advanced Options</a> for more information.</p>
This is a convenience that creates an instance of the {@link CognitoOptionsStatus.Builder} avoiding the need to create one manually via {@link CognitoOptionsStatus#builder() }. \n\nWhen the {@link Consumer} completes, {@link CognitoOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link CognitoOptionsStatus.Builder#build()} \n@param cognitoOptions a consumer that will call methods on {@link CognitoOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #cognitoOptions(CognitoOptionsStatus)"
  "deprecated" : false,
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.\n<br/>&lt;p&gt;Amazon Cognito Authentication for Kibana&lt;/p&gt;
\nThis is a convenience that creates an instance of the {@link CognitoOptionsStatus.Builder} avoiding the need to create one manually via {@link CognitoOptionsStatus#builder() }.\n\nWhen the {@link Consumer} completes, {@link CognitoOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link CognitoOptionsStatus.Builder#build()} \n@param cognitoOptions a consumer that will call methods on {@link CognitoOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #cognitoOptions(CognitoOptionsStatus)"
  "deprecated" : false,
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.\n<br/>&lt;p&gt;Amazon Cognito Authentication for Kibana&lt;/p&gt;
\nThis is a convenience that creates an instance of the {@link CognitoOptionsStatus.Builder} avoiding the need to create one manually via {@link CognitoOptionsStatus#builder() }.\n\nWhen the {@link Consumer} completes, {@link CognitoOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link CognitoOptionsStatus.Builder#build()} \n@param cognitoOptions a consumer that will call methods on {@link CognitoOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #cognitoOptions(CognitoOptionsStatus)"
  "deprecated" : false,
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.\n<br/>&lt;p&gt;Amazon Cognito Authentication for Kibana&lt;/p&gt;
\nThis is a convenience that creates an instance of the {@link CognitoOptionsStatus.Builder} avoiding the need to create one manually via {@link CognitoOptionsStatus#builder() }.\n\nWhen the {@link Consumer} completes, {@link CognitoOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link CognitoOptionsStatus.Builder#build()} \n@param cognitoOptions a consumer that will call methods on {@link CognitoOptionsStatus.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #cognitoOptions(CognitoOptionsStatus)"}
Amazon Cognito Authentication for Kibana</p>
</div>

The following is an example return value:

```java
CognitoOptions cognitoOptions = new CognitoOptions();
```

You can then use it to configure your Kibana instance:

```java
kibana.config.cognitoOptions(cognitoOptions);
```

For more information, see Amazon Cognito Authentication for Kibana.

### CognitoOptions

The `CognitoOptions` for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.

#### fluentSetterMethodName

```
"cognitoOptions",
```

#### getterDocumentation

```
The `CognitoOptions` for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.
```

#### getterModel

```
null
```

#### http

```
null
```

#### idempotencyToken

```
false
```

#### isBinary

```
false
```

#### isStreaming

```
false
```

#### jsonValue

```
false
```

#### list

```
false
```

#### listModel

```
null
```

#### map

```
false
```

#### mapModel

```
null
```

#### marshallingType

```
SDK_POJO
```

#### setterDocumentation

```
The `CognitoOptions` for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.
```

#### setterMethodName

```
"setCognitoOptions",
```

#### setterModel

```
null
```
"variableDeclarationType" : "CognitoOptionsStatus",
"variableName" : "cognitoOptions",
"variableType" : "CognitoOptionsStatus",
"documentation" : null,
"simpleType" : "CognitoOptionsStatus",
"variableSetterType" : "CognitoOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "CognitoOptionsStatus",
"variableName" : "cognitoOptions",
"variableType" : "CognitoOptionsStatus",
"documentation" : null,
"simpleType" : "CognitoOptionsStatus",
"variableSetterType" : "CognitoOptionsStatus"
},
"xmlNameSpaceUri" : null,
"EBSOptions" : {
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain. </p>
This is a convenience that creates an instance of the { @link EBSOptionsStatus.Builder } avoiding the need to create one manually via { @link EBSOptionsStatus#builder() }. 
When the { @link Consumer } completes, { @link EBSOptionsStatus.Builder#build() } is called immediately and its result is passed to { @link #ebsOptions(EBSOptionsStatus) }. 
@see #ebsOptions(EBSOptionsStatus)
@link EBSOptionsStatus.Builder
@link #return
@link EBSOptionsStatus.Builder
@link #return Returns a reference to this object so that method calls can be chained together.
@see #ebsOptions(EBSOptionsStatus)
",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "ebsOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain. </p>
@link #ebsOptions(EBSOptionsStatus) Specifies the <code>EBSOptions</code> for the Elasticsearch domain.
@link #return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "ebsOptions",
"getterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain. </p>
@link #ebsOptions(EBSOptionsStatus) Specifies the <code>EBSOptions</code> for the Elasticsearch domain.
",
"getterModel" : 

"returnType" : "EBSOptionsStatus",
"documentation" : null
}

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EBSOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EBSOptions",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "EBSOptions",

"setterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
@param ebsOptions Specifies the <code>EBSOptions</code> for the Elasticsearch domain.

"setterMethodName" : "setEbsOptions",

"setterModel" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptionsStatus",
  "documentation" : null,
  "simpleType" : "EBSOptionsStatus",
  "variableSetterType" : "EBSOptionsStatus"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "EBSOptionsStatus",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptionsStatus",
  "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
  "simpleType" : "EBSOptionsStatus",
  "variableSetterType" : "EBSOptionsStatus"
"ElasticsearchClusterConfig": {
  "beanStyleGetterMethodName": "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName": "setElasticsearchClusterConfig",
  "c2jName": "ElasticsearchClusterConfig",
  "c2jShape": "ElasticsearchClusterConfigStatus",
  "defaultConsumerFluentSetterDocumentation": "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>"
},
This is a convenience that creates an instance of the ElasticsearchClusterConfigStatus.Builder]. avoiding the need to create one manually via [ElasticsearchClusterConfigStatus#builder()]. When the ElasticsearchClusterConfigStatus.Builder#build() is called immediately and its result is passed to ElasticsearchClusterConfig(ElasticsearchClusterConfigStatus)).

 @param elasticsearchClusterConfig a consumer that will call methods on ElasticsearchClusterConfigStatus.Builder.
 @return Returns a reference to this object so that method calls can be chained together.

 @see ElasticsearchClusterConfig(ElasticsearchClusterConfigStatus)
  "deprecated": false,
  "documentation": "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "elasticsearchClusterConfig",
  "fluentSetterDocumentation": "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
  @return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.
  "getterModel": {
    "returnType": "ElasticsearchClusterConfigStatus",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "ElasticsearchClusterConfig"
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>",
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchVersion" : {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>
@link ElasticsearchVersionStatus.Builder} avoiding the need to create one manually via @link ElasticsearchVersionStatus#builder()}. When the @link Consumer} completes, {@link
ElasticsearchVersionStatus.Builder#build() is called immediately and its result is passed to { @link ElasticsearchVersion(ElasticsearchVersionStatus)}.

@param elasticsearchVersion a consumer that will call methods on { @link ElasticsearchVersionStatus.Builder}.
@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchVersion(ElasticsearchVersionStatus)

"deprecated" : false,
"documentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>
@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.
@return String of format X.Y to specify version for the Elasticsearch domain.

"getterModel" : {
"returnType" : "ElasticsearchVersionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "<p>String of format X.Y to specify version for the Elasticsearch
domain.

@\param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.

=setElasticsearchVersion",

setterMethodName" : "setElasticsearchVersion",

setterModel" : {

variableDeclarationType" : "ElasticsearchVersionStatus",

variableName" : "elasticsearchVersion",

variableType" : "ElasticsearchVersionStatus",

documentation" : null,

simpleType" : "ElasticsearchVersionStatus",

variableSetterType" : "ElasticsearchVersionStatus"
},

simple" : false,

timestampFormat" : null,

variable" : {

variableDeclarationType" : "ElasticsearchVersionStatus",

variableName" : "elasticsearchVersion",

variableType" : "ElasticsearchVersionStatus",

documentation" : "String of format X.Y to specify version for the Elasticsearch domain",

simpleType" : "ElasticsearchVersionStatus",

variableSetterType" : "ElasticsearchVersionStatus"
},

xmlNameSpaceUri" : null
},

"EncryptionAtRestOptions" : {

beanStyleGetterMethodName" : "getEncryptionAtRestOptions",

beanStyleSetterMethodName" : "setEncryptionAtRestOptions",

c2jName" : "EncryptionAtRestOptions",

c2jShape" : "EncryptionAtRestOptionsStatus",

defaultConsumerFluentSetterDocumentation" : "Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.

This is a convenience that creates an instance of the <code>EncryptionAtRestOptionsStatus</code> avoiding the need to create one manually via <code>@EncryptionAtRestOptionsStatus#builder()</code>. When the <code>@Consumer</code> completes, <code>@EncryptionAtRestOptionsStatus.Builder#build()</code> is called immediately and its result is passed to <code>@EncryptionAtRestOptions(EncryptionAtRestOptionsStatus)</code> a consumer that will call methods on <code>@EncryptionAtRestOptionsStatus.Builder#return</code> a reference to this object so that method calls can be chained together.

<\code>EncryptionAtRestOptions(EncryptionAtRestOptionsStatus)";

deprecated" : false,

documentation" : "Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."
},

enumType" : null,

eventHeader" : false,

eventPayload" : false,

fluentEnumGetterMethodName" : null,

fluentEnumSetterMethodName" : null,

fluentGetterMethodName" : "encryptionAtRestOptions",

fluentSetterDocumentation" : "Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."

\@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.\n\@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p><p>@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.",
"getterModel" : {
  "returnType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p><p>@param encryptionAtRestOptions Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.",
"setterMethodIdName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSettterType" : "EncryptionAtRestOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSettterType" : "EncryptionAtRestOptionsStatus"}
"variableName" : "encryptionAtRestOptions",
"variableType" : "EncryptionAtRestOptionsStatus",
"documentation" : "<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch
domain.</p>",
"simpleType" : "EncryptionAtRestOptionsStatus",
"variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"xmlNameSpaceUri" : null
},
"LogPublishingOptions" : {
"beanStyleGetterMethodName" : "getLogPublishingOptions",
"beanStyleSetterMethodName" : "setLogPublishingOptions",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
This is a convenience that creates an instance of the {link LogPublishingOptionsStatus.Builder} avoiding the need to
create one manually via {link LogPublishingOptionsStatus#builder()}. When the {link Consumer}
completes, {link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to
{link LogPublishingOptions(LogPublishingOptionsStatus)}. param logPublishingOptions a consumer that
will call methods on {link LogPublishingOptionsStatus.Builder}@return Returns a reference to this object so
that method calls can be chained together.@see #logPublishingOptions(LogPublishingOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Log publishing options for the given domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "logPublishingOptions",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.@return Returns a reference to this object so
that method calls can be chained together.",
"fluentSetterMethodName" : "logPublishingOptions",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.@return Returns a reference to this object so
that method calls can be chained together.",
"getterModel" : {
"returnType" : "LogPublishingOptionsStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "LogPublishingOptions",
"setterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param
logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptions",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOptionsStatus",
  "variableName" : "logPublishingOptions",
  "variableType" : "LogPublishingOptionsStatus",
  "documentation" : null,
  "simpleType" : "LogPublishingOptionsStatus",
  "variableSetterType" : "LogPublishingOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOptionsStatus",
  "variableName" : "logPublishingOptions",
  "variableType" : "LogPublishingOptionsStatus",
  "documentation" : "<p>Log publishing options for the given domain.</p>"
},
"xmlNameSpaceUri" : null
},
"NodeToNodeEncryptionOptions" : {
  "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
  "c2jName" : "NodeToNodeEncryptionOptions",
  "c2jShape" : "NodeToNodeEncryptionOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the
</code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>

This is a convenience that creates an instance of the {@link NodeToNodeEncryptionOptionsStatus.Builder} avoiding the need to create one manually via {@link NodeToNodeEncryptionOptionsStatus#builder()}. When the {@link Consumer}
completes, [{@link NodeToNodeEncryptionOptionsStatus.Builder#build()}] is called immediately and its result is passed to {@link #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)}.\n\n@param nodeToNodeEncryptionOptions a consumer that will call methods on {@link NodeToNodeEncryptionOptionsStatus.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)\n
"deprecated" : false,
"documentation" : ":<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : ":<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n@return Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.\n
"getterModel" : {
  "returnType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "NodeToNodeEncryptionOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
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"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
  @param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",
  "simpleType" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"xmlNameSpaceUri" : null,

"SnapshotOptions" : {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
  "beanStyleSetterMethodName" : "setSnapshotOptions",
  "c2jName" : "SnapshotOptions",
  "c2jShape" : "SnapshotOptionsStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>
  This is a convenience that creates an instance of the { @link SnapshotOptionsStatus.Builder} avoiding the need to create one manually via { @link SnapshotOptionsStatus#builder()}. When the { @link Consumer} completes, { @link SnapshotOptionsStatus.Builder#build()} is called immediately and its result is passed to { @link #snapshotOptions(SnapshotOptionsStatus)}.
  @param snapshotOptions a consumer that will call methods on { @link SnapshotOptionsStatus.Builder} @return Returns a reference to this object so that method calls can be chained together.<@see #snapshotOptions(SnapshotOptionsStatus)}",
  "deprecated" : false,
  "documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.<br/>
@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.<br/>
@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.<br/>
@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.";

"getterModel" : {
  "returnType" : "SnapshotOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SnapshotOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SnapshotOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.<br/>
@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.<br/>
@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.";

"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : null,
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
};
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : "<p>SPECIFIES THE <code>SNAPSHOTOPTIONS</code> FOR THE ELASTICSEARCH DOMAIN.</p>",
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"xmlNameSpaceUri" : null
},
"VPCOptions" : {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCDerivedInfoStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

This is a convenience that creates an instance of the {@link VPCDerivedInfoStatus.Builder} avoiding the need to create one manually via {@link VPCDerivedInfoStatus.Builder#builder()}. When the {@link Consumer} completes, {@link VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to {@link #vpcOptions(VPCDerivedInfoStatus)}.

When the {@link Consumer} completes, {@link VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to {@link #vpcOptions(VPCDerivedInfoStatus)}.

@see #vpcOptions(VPCDerivedInfoStatus)",
  "deprecated" : false,
  "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

This is a convenience that creates an instance of the {@link VPCDerivedInfoStatus.Builder} avoiding the need to create one manually via {@link VPCDerivedInfoStatus.Builder#builder()}. When the {@link Consumer} completes, {@link VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to {@link #vpcOptions(VPCDerivedInfoStatus)}.

When the {@link Consumer} completes, {@link VPCDerivedInfoStatus.Builder#build()} is called immediately and its result is passed to {@link #vpcOptions(VPCDerivedInfoStatus)}.

@see #vpcOptions(VPCDerivedInfoStatus)",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodDocumentation" : "null",
  "fluentSetterMethodDocumentation" : "null",
  "fluentSetterDocumentation" : "null",
  "getterDocumentation" : "null",
  "setterDocumentation" : "null"}

VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

@see #vpcOptions(VPCDerivedInfoStatus)",
  "deprecated" : false,
  "documentation" : "null",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodDocumentation" : "null",
  "fluentSetterMethodDocumentation" : "null",
  "fluentSetterDocumentation" : "null",
  "getterDocumentation" : "null",
  "setterDocumentation" : "null"}

VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.

@see #vpcOptions(VPCDerivedInfoStatus)",
  "deprecated" : false,
  "documentation" : "null",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "null",
  "fluentEnumSetterMethodName" : "null",
  "fluentGetterMethodDocumentation" : "null",
  "fluentSetterMethodDocumentation" : "null",
  "fluentSetterDocumentation" : "null",
  "getterDocumentation" : "null",
  "setterDocumentation" : "null"};
"getterModel" : {
  "returnType" : "VPCDerivedInfoStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "The \<code\>VPCOptions\</code\> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html\" target="_blank\">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfoStatus",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfoStatus",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfoStatus",
  "variableSetterType" : "VPCDerivedInfoStatus"
},
"simple" : false,
"timestampFormat" : null,
The `<code>VPCOptions</code>` for the specified domain. For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html).
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ElasticsearchVersion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ElasticsearchVersion",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "ElasticsearchVersion",
"setterDocumentation": "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>
@param elasticsearchVersion String of format X.Y to specify version for the Elasticsearch domain.",
"setterMethodName": "setElasticsearchVersion",
"setterModel": {
  "variableDeclarationType": "ElasticsearchVersionStatus",
  "variableName": "elasticsearchVersion",
  "variableType": "ElasticsearchVersionStatus",
  "documentation": null,
  "simpleType": "ElasticsearchVersionStatus",
  "variableSetterType": "ElasticsearchVersionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchVersionStatus",
  "variableName": "elasticsearchVersion",
  "variableType": "ElasticsearchVersionStatus",
  "documentation": "<p>String of format X.Y to specify version for the Elasticsearch domain.</p>",
  "simpleType": "ElasticsearchVersionStatus",
  "variableSetterType": "ElasticsearchVersionStatus"
},
"xmlNameSpaceUri": null
},
{
  "beanStyleGetterMethodName": "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName": "setElasticsearchClusterConfig",
  "c2jName": "ElasticsearchClusterConfig",
  "c2jShape": "ElasticsearchClusterConfigStatus"
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link ElasticsearchClusterConfigStatus.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfigStatus#builder()}. 

When the { @link Consumer} completes, { @link ElasticsearchClusterConfigStatus.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchClusterConfig(ElasticsearchClusterConfigStatus)}. 

@see ElasticsearchClusterConfig(ElasticsearchClusterConfigStatus)

@deprecated
@documentation "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>

@eventHeader false,
@eventPayload false,
@fluentEnumGetterMethodName null,
@fluentEnumSetterMethodName null,
@fluentGetterMethodName "elasticsearchClusterConfig",
@fluentSetterDocumentation "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
@param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.

@getterDocumentation "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
@return Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.

@getterModel {

@returnType "ElasticsearchClusterConfigStatus",
@documentation null
}

@http {

@additionalMarshallingPath null,
@additionalUnmarshallingPath null,
@flattened false,
@greedy false,
@header false,
@isPayload false,
@isStreaming false,
@location null,
@marshallLocation "PAYLOAD",
@marshallLocationName "ElasticsearchClusterConfig",
@queryString false,
@statusCode false,
@unmarshallLocationName "ElasticsearchClusterConfig",
@uri false
},
@idempotencyToken false,
@isBinary false,
@jsonValue false,
"setterDocumentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>\n@\param elasticsearchClusterConfig Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfigStatus",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfigStatus",
  "documentation" : "<p>Specifies the <code>ElasticsearchClusterConfig</code> for the Elasticsearch domain.</p>
"simpleType" : "ElasticsearchClusterConfigStatus",
  "variableSetterType" : "ElasticsearchClusterConfigStatus"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.\n\nThis is a convenience that creates an instance of the \{\link EBSOptionsStatus.Builder\} avoiding the need to create one manually via {\link EBSOptionsStatus#builder()}.\n\nWhen the {\link Consumer} completes, {\link EBSOptionsStatus.Builder#build()} is called immediately and its result is passed to {\link #ebsOptions(EBSOptionsStatus)}\n@\param ebsOptions a consumer that will call methods on {\link EBSOptionsStatus.Builder}\n@\return Returns a reference to this object so that method calls can be chained together.\n@see #ebsOptions(EBSOptionsStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "ebsOptions",
"fluentSetterDocumentation": "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
@<param name="ebsOptions"> Specifies the <code>EBSOptions</code> for the Elasticsearch domain.<br>
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "ebsOptions",
"getterDocumentation": "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
@return Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"getterModel": {
"returnType": "EBSOptionsStatus",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "EBSOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "EBSOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "EBSOptions",
"setterDocumentation": "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>
@<param name="ebsOptions"> Specifies the <code>EBSOptions</code> for the Elasticsearch domain.",
"setterMethodName": "setEbsOptions",
"setterModel": {
"variableDeclarationType": "EBSOptionsStatus",
"variableName": "ebsOptions",
"variableType": "EBSOptionsStatus",
"documentation": null,
"simpleType": "EBSOptionsStatus",
"variableSetterType": "EBSOptionsStatus"
}
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "EBSOptionsStatus",
    "variableName" : "ebsOptions",
    "variableType" : "EBSOptionsStatus",
    "documentation" : "<p>Specifies the <code>EBSOptions</code> for the Elasticsearch domain.</p>",
    "simpleType" : "EBSOptionsStatus",
    "variableSetterType" : "EBSOptionsStatus"
},
"xmlnsNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getAccessPolicies",
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "AccessPoliciesStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>

This is a convenience that creates an instance of the {@link AccessPoliciesStatus.Builder} avoiding the need to create one manually via {@link AccessPoliciesStatus.Builder#builder()).

When the {@link Consumer} completes, {@link AccessPoliciesStatus.Builder#build()} is called immediately and its result is passed to {@link AccessPolicies(AccessPoliciesStatus)}.

@param accessPolicies a consumer that will call methods on {@link AccessPoliciesStatus.Builder}

@return Returns a reference to this object so that method calls can be chained together.
@see #accessPolicies(AccessPoliciesStatus)
"}
"deprecated" : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>

@param accessPolicies IAM access policy as a JSON-formatted string.

@return Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>

@return IAM access policy as a JSON-formatted string.
"getterModel" : {
    "returnType" : "AccessPoliciesStatus",
    "documentation" : null
},
"http" : {"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
IAM access policy as a JSON-formatted string.

```java
@Param accessPolicies
```

```java
@AndroidMethod

```

```java
@DefaultConsumerFluentSetter
```

This is a convenience that creates an instance of the ```SnapshotOptionsStatus.Builder``` avoiding the need to create one manually via ```@link

```java
SnapshotOptionsStatus.Builder```
When the `@link Consumer` completes, `@link SnapshotOptionsStatus.Builder#build()` is called immediately and its result is passed to `@link SnapshotOptions(SnapshotOptionsStatus)`. `@param snapshotOptions a consumer that will call methods on `@link SnapshotOptionsStatus.Builder` `@return Returns a reference to this object so that method calls can be chained together.` `@see #snapshotOptions(SnapshotOptionsStatus)`

"deprecated" : false,
"documentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "<p>Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.</p>
@param snapshotOptions Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.
@return Specifies the <code>SnapshotOptions</code> for the Elasticsearch domain.",
"getterModel" : {
"returnType" : "SnapshotOptionsStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Specifies the <code>S</code>napshotOptions</code> for the Elastic</p>
domain.

"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : null,
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptionsStatus",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptionsStatus",
  "documentation" : "<p>Specifies the <code>S</code>napshotOptions</code> for the Elastic stream domain.</p>
  "simpleType" : "SnapshotOptionsStatus",
  "variableSetterType" : "SnapshotOptionsStatus"
},
"xmlNameSpaceUri" : null,
},
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCDerivedInfoStatus",

This is a convenience that creates an instance of the [link VPCDerivedInfoStatus.Builder] avoiding the need to create one 
manually via [link VPCDerivedInfoStatus.Builder#build()]. When the [link Consumer] completes, [link VPCDerivedInfoStatus.Builder#build()]
is called immediately and its result is passed to [link VPCOptions(VPCDerivedInfoStatus)].

@n@return Returns a reference to this object so that method calls can be chained together.
@see #vpcOptions(VPCDerivedInfoStatus)",
"deprecated" : false,
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more
"setterMethodName" : "setVpcOptions",
"setterModel" : {
    "variableDeclarationType" : "VPCDerivedInfoStatus",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfoStatus",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfoStatus",
    "variableSetterType" : "VPCDerivedInfoStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "VPCDerivedInfoStatus",
    "variableName" : "vpcOptions",
    "variableType" : "VPCDerivedInfoStatus",
    "documentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
    "simpleType" : "VPCDerivedInfoStatus",
    "variableSetterType" : "VPCDerivedInfoStatus"
},
"xmlNameSpaceUri" : null}, {
    "beanStyleGetterMethodName" : "getCognitoOptions",
    "beanStyleSetterMethodName" : "setCognitoOptions",
    "c2jName" : "CognitoOptions",
    "c2jShape" : "CognitoOptionsStatus",
    "defaultConsumerFluentSetterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. When the [Consumer] completes, the [{@link CognitoOptionsStatus.Builder#build()}] is called immediately and its result is passed to [{@link #cognitoOptions(CognitoOptionsStatus)}] a consumer that will call methods on [{@link CognitoOptionsStatus.Builder#build()}] a return Returns a reference to this object so that method calls can be chained together. See [{#cognitoOptions(CognitoOptionsStatus)}].",
    "deprecated" : false,
    "documentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "cognitoOptions",
    "fluentSetterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
    "simpleType" : null,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "CognitoOptionsStatus",
        "variableName" : "cognitoOptions",
        "variableType" : "CognitoOptionsStatus",
        "documentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
        "simpleType" : "CognitoOptionsStatus",
        "variableSetterType" : "CognitoOptionsStatus"
    }
}
<p>@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. 
@return Returns a reference to this object so that method calls can be chained together.

"setterMethodName" : "setCognitoOptions",
@return The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"getterModel" : {
  "returnType" : "CognitoOptionsStatus",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",

"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : null,
  "simpleType" : "CognitoOptionsStatus",
  "variableSetterType" : "CognitoOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptionsStatus",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptionsStatus",
  "documentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html) for the Elasticsearch domain."
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
"beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain. This is a convenience that creates an instance of the [EncryptionAtRestOptionsStatus.Builder](#encryptionAtRestOptionsStatusBuilder) avoiding the need to create one manually via [EncryptionAtRestOptionsStatus#builder()](#encryptionAtRestOptionsStatusBuilder). When the [Consumer](#consumer) completes, [EncryptionAtRestOptionsStatus.Builder#build()](#encryptionAtRestOptionsStatusBuilder#build) is called immediately and its result is passed to [EncryptionAtRestOptions(EncryptionAtRestOptionsStatus)](#encryptionAtRestOptions) a consumer that will call methods on [EncryptionAtRestOptionsStatus.Builder](#encryptionAtRestOptionsStatusBuilder) a return Returns a reference to this object so that method calls can be chained together."
"deprecated" : false,
"documentation" : "Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."
"getterDocumentation" : "Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain."
domain.</p>
@return Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.

"getterModel" : {
  "returnType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "&lt;p&gt;Specifies the &lt;code&gt;EncryptionAtRestOptions&lt;/code&gt; for the Elasticsearch domain.&lt;/p&gt;&lt;n&gt;\n@param encryptionAtRestOptions Specifies the &lt;code&gt;EncryptionAtRestOptions&lt;/code&gt; for the Elasticsearch domain.&lt;/n&gt;\n"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptionsStatus",
  "variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptionsStatus",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptionsStatus"
"documentation" : ":<p>Specifies the <code>EncryptionAtRestOptions</code> for the Elasticsearch domain.</p>",
"simpleType" : "EncryptionAtRestOptionsStatus",
"variableSetterType" : "EncryptionAtRestOptionsStatus"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptionsStatus",
"defaultValueDocumentation" : ":<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link NodeToNodeEncryptionOptionsStatus.Builder} avoiding the need to create one manually via {@link NodeToNodeEncryptionOptionsStatus#builder()}.
When the {@link Consumer} completes, {@link NodeToNodeEncryptionOptionsStatus.Builder#build()} is called immediately and its result is passed to a consumer that will call methods on the #{@link NodeToNodeEncryptionOptionsStatus.Builder}.

When the {@link Consumer} completes, the method is called immediately and returns a reference to the object so that method calls can be chained together.

See: #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)

"deprecated" : false,
"documentation" : ":<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : ":<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptionsStatus)"
,"deprecated" : false,
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "NodeToNodeEncryptionOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "NodeToNodeEncryptionOptions",
"uri": false,
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "NodeToNodeEncryptionOptions",
"setterDocumentation": "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>
@param nodeToNodeEncryptionOptions Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.",
"setterMethodName": "setNodeToNodeEncryptionOptions",
"setterModel": {
  "variableDeclarationType": "NodeToNodeEncryptionOptionsStatus",
  "variableName": "nodeToNodeEncryptionOptions",
  "variableType": "NodeToNodeEncryptionOptionsStatus",
  "documentation": null,
  "simpleType": "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType": "NodeToNodeEncryptionOptionsStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "NodeToNodeEncryptionOptionsStatus",
  "variableName": "nodeToNodeEncryptionOptions",
  "variableType": "NodeToNodeEncryptionOptionsStatus",
  "documentation": "<p>Specifies the <code>NodeToNodeEncryptionOptions</code> for the Elasticsearch domain.</p>",
  "simpleType": "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType": "NodeToNodeEncryptionOptionsStatus"
},
"xmlNameSpaceUri": null,
"beanStyleGetterMethodName": "getAdvancedOptions",
"beanStyleSetterMethodName": "setAdvancedOptions",
"c2jName": "AdvancedOptions",
"c2jShape": "AdvancedOptionsStatus",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the <code>AdvancedOptions</code> for the

This is a convenience that creates an instance of the {@link AdvancedOptionsStatus.Builder} avoiding the need to create one manually via {@link AdvancedOptionsStatus#builder()}. When the {@link Consumer} completes, {@link AdvancedOptionsStatus.Builder#build()} is called immediately and its result is passed to {@link AdvancedOptions(AdvancedOptionsStatus)}.<p>

@advancedOptions a consumer that will call methods on the AdvancedOptionsStatus.Builder when it completes. It returns a reference to this object so that method calls can be chained together.</p>

@see #advancedOptions(AdvancedOptionsStatus)
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"ListModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "AdvancedOptions",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
   "variableDeclarationType" : "AdvancedOptionsStatus",
   "variableName" : "advancedOptions",
   "variableType" : "AdvancedOptionsStatus",
   "documentation" : null,
   "simpleType" : "AdvancedOptionsStatus",
   "variableSetterType" : "AdvancedOptionsStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "AdvancedOptionsStatus",
   "variableName" : "advancedOptions",
   "variableType" : "AdvancedOptionsStatus",
   "simpleType" : "AdvancedOptionsStatus",
   "variableSetterType" : "AdvancedOptionsStatus"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getLogPublishingOptions",}
"beanStyleSetterMethodName" : "setLogPublishingOptions",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptionsStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
This is a convenience that creates an instance of the {@link LogPublishingOptionsStatus.Builder} avoiding the need to create one manually via {@link LogPublishingOptionsStatus#builder()}. When the {@link Consumer} completes, {@link LogPublishingOptionsStatus.Builder#build()} is called immediately and its result is passed to
{@link LogPublishingOptions(LogPublishingOptionsStatus)}.<param logPublishingOptions a consumer that will call methods on
{@link LogPublishingOptionsStatus.Builder
@returns Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "<p>Log publishing options for the given domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetMethodName" : "logPublishingOptions",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.<param logPublishingOptions a consumer that will call methods on
{@link LogPublishingOptionsStatus.Builder
@returns Returns a reference to this object so that method calls can be chained together.

"getterDocumentation" : "<p>Log publishing options for the given domain.</p>
@return Log publishing options for the given domain.
getterModel" : {
  "returnType" : "LogPublishingOptionsStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LogPublishingOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LogPublishingOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"setModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "LogPublishingOptions",
"setterDocumentation" : "Log publishing options for the given domain.

@param logPublishingOptions Log publishing options for the given domain.

"setterMethodName" : "setLogPublishingOptions",
"setterModel" : {

"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptions",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : null,
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
}

"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptions",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : "Log publishing options for the given domain.

\n\n@param Log publishing options for the given domain."",
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
}

"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptions",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : null,
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
}

"simple" : false,
"variable" : {

"variableDeclarationType" : "ElasticsearchDomainConfig",
"variableName" : "elasticsearchDomainConfig",
"variableType" : "ElasticsearchDomainConfig",
"documentation" : null,
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
}

"variable" : {

"variableDeclarationType" : "ElasticsearchDomainConfig",
"variableName" : "elasticsearchDomainConfig",
"variableType" : "ElasticsearchDomainConfig",
"documentation" : null,
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
}

"wrapper" : false
}

"ElasticsearchDomainStatus" : {

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "LogPublishingOptions",
"setterDocumentation" : "Log publishing options for the given domain.

@param logPublishingOptions Log publishing options for the given domain.

"setterMethodName" : "setLogPublishingOptions",
"setterModel" : {

"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptions",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : null,
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
}

"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptions",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : null,
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
}

"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "ElasticsearchDomainConfig",
"variableName" : "elasticsearchDomainConfig",
"variableType" : "ElasticsearchDomainConfig",
"documentation" : null,
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
}

"wrapper" : false
}

"ElasticsearchDomainStatus" : {

"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "LogPublishingOptions",
"setterDocumentation" : "Log publishing options for the given domain.

@param logPublishingOptions Log publishing options for the given domain.

"setterMethodName" : "setLogPublishingOptions",
"setterModel" : {

"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptions",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : null,
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
}

"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "LogPublishingOptionsStatus",
"variableName" : "logPublishingOptions",
"variableType" : "LogPublishingOptionsStatus",
"documentation" : null,
"simpleType" : "LogPublishingOptionsStatus",
"variableSetterType" : "LogPublishingOptionsStatus"
}

"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "ElasticsearchDomainConfig",
"variableName" : "elasticsearchDomainConfig",
"variableType" : "ElasticsearchDomainConfig",
"documentation" : null,
"simpleType" : "ElasticsearchDomainConfig",
"variableSetterType" : "ElasticsearchDomainConfig"
}

"wrapper" : false
}

"ElasticsearchDomainStatus" : {

"listModel" : null,
"map" : false,
"mapModel" : null,
"c2jName" : "ElasticsearchDomainStatus",
"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The current status of an Elasticsearch domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getDomainId",
  "beanStyleSetterMethodName" : "setDomainId",
  "c2jName" : "DomainId",
  "c2jShape" : "DomainId",
  "defaultValueConsumerFluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainId(String)}.
@param domainId a consumer that will call methods on {@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #domainId(String)",
  "deprecated" : false,
  "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainId",
  "fluentSetterMethodName" : "domainId",
  "fluentSetterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>
@n@param domainId The unique identifier for the specified Elasticsearch domain.
@n@return Returns a reference to this object so that method calls can be chained together.
", "fluentSetterMethodName" : "domainId",
  "getterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>
@n@return The unique identifier for the specified Elasticsearch domain.
", "getterModel" : {
  "returnType" : "String"}
"documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "DomainId",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "DomainId",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonData": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainId",
"setterDocumentation": "<p>The unique identifier for the specified Elasticsearch domain.</p>
@param
  domainId The unique identifier for the specified Elasticsearch domain.",
"setterMethodName": "setDomainId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainId",
  "variableType": "String",
  "documentation": "<p>The unique identifier for the specified Elasticsearch domain.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
}.
"xmlNameSpaceUri" : null
,
  
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>This is a convenience that creates an instance of the @{link String.Builder} avoiding the need to create one manually via @{link String#builder()}. When the @{link Consumer} completes, @{link String.Builder#build()} is called immediately and its result is passed to @{link #domainName(String)}. A consumer that will call methods on @{link String.Builder} will return a reference to this object so that method calls can be chained together.@see #domainName(String)",
"deprecated" : false,
"documentation" : "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). When the @{link Consumer} completes, @{link String.Builder#build()} is called immediately and its result is passed to @{link #domainName(String)}. A consumer that will call methods on @{link String.Builder} will return a reference to this object so that method calls can be chained together.@see #domainName(String)",
"http" : {
  
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>
@param domainName The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getArn",
"beanStyleSetterMethodName" : "setArn"
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "<p>The Amazon resource name (ARN) of an Elasticsearch domain. See &lt;a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank">Identifiers for IAM Entities&lt;/a&gt; in &lt;i&gt;Using AWS Identity and Access Management&lt;/i&gt; for more information.&lt;/p&gt;This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #arn(String)}.

@deprecated  
@see #arn(String)"


"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterMethodName" : "arn",
"fluentSetterDocumentation" : "The Amazon resource name (ARN) of an Elasticsearch domain. See &lt;a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank">Identifiers for IAM Entities&lt;/a&gt; in &lt;i&gt;Using AWS Identity and Access Management&lt;/i&gt; for more information.&lt;/p&gt;\n\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See &lt;a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank">Identifiers for IAM Entities&lt;/a&gt; in &lt;i&gt;Using AWS Identity and Access Management&lt;/i&gt; for more information.&lt;/i&gt;\n\n@return Returns a reference to this object so that method calls can be chained together."


"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ARN",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ARN",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ARN",
"setterMethodName": "setArn",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "arn",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "arn",
  "variableType": "String",
},
"simpleType": "String",
"variableSetterType": "String"
},
"xmlnsSpaceUri": null}
"beanStyleGetterMethodName" : "getCreated",
"beanStyleSetterMethodName" : "setCreated",
"c2jName" : "Created",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : ""<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>
This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean.Builder#builder()}. When the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #created(Boolean)}.

@deprecated"
"documentation" : ""<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "created",
"fluentSetterMethodName" : "created",
"fluentSetterDocumentation" : ""<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Created",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Created"}
The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.

The domain deletion status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.

This is a convenience that creates an instance of the <code>Boolean.Builder</code> avoiding the need to create one manually via <code>Boolean.Builder#builder()</code>. When the <code>Consumer</code> completes, it calls <code>Boolean.Builder#build()</code> immediately and its result is passed to the <code>deleted(Boolean)</code> method.

Returns a reference to this object.
so that method calls can be chained together.

```java
"deprecated" : false,
"documentation" : "<p>The domain deletion status. \n\nTrue if a delete request has been received for the domain but resource cleanup is still in progress. False if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>

@see #deleted(Boolean)",
```

```json
"deleted" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "deleted",
"fluentSetterDocumentation" : "<p>The domain deletion status. True if a delete request has been received for the domain but resource cleanup is still in progress. False if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>

@param deleted
The domain deletion status. True if a delete request has been received for the domain but resource cleanup is still in progress. False if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

@return Returns a reference to this object so that method calls can be chained together.
",

"fluentSetterMethodName" : "deleted",
"getterDocumentation" : "<p>The domain deletion status. True if a delete request has been received for the domain but resource cleanup is still in progress. False if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>

@return The domain deletion status. True if a delete request has been received for the domain but resource cleanup is still in progress. False if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.
",

"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Deleted",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Deleted",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Deleted",
"setterDocumentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>
@param deleted
The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",
"setterMethodName" : "setDeleted",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : "<p>The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.</p>
", ""xmlNameSpaceUri" : null,
  "beanStyleGetterMethodName" : "getEndpoint",
  "beanStyleSetterMethodName" : "setEndpoint",
  "c2jName" : "Endpoint",
  "c2jShape" : "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is returned to { @link #endpoint(String)}.<br>\n@default\n@approved\n@endpoint(String)
return
Returns a reference to this object so that method calls can be chained together.<br>@see endpoint(String)
", "deprecated" : false,
"documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>"}
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "endpoint",
"fluentSetterDocumentation": "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>
@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "endpoint",
"getterDocumentation": "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>
@return The Elasticsearch domain endpoint that you use to submit index and search requests.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Endpoint",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Endpoint",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Endpoint",
"setterDocumentation": "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>
@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.
@return The Elasticsearch domain endpoint that you use to submit index and search requests.",
"setterMethodName": "setEndpoint",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "endpoint"}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "endpoint",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getEndpoints",
  "beanStyleSetterMethodName" : "setEndpoints",
  "c2jName" : "Endpoints",
  "c2jShape" : "EndpointsMap",
  "defaultConsumerFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>&lt;key, value&gt;</code>: &lt;code>'vpc',vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>. &lt;/p&gt;&lt;div&gt;This is a convenience that creates an instance of the { @link Map&lt;String,String&gt;}.Builder} avoiding the need to create one manually via { @link Map&lt;String,String&gt;#builder}() }. When the { @link Consumer} completes, { @link Map&lt;String,String&gt;#build}() is called immediately and its result is passed to { @link #endpoints(Map&lt;String,String&gt;)} }. @param endpoints a consumer that will call methods on { @link Map&lt;String,String&gt;}.Builder{ }. @return Returns a reference to this object so that method calls can be chained together. @see #endpoints(Map&lt;String,String&gt;)",
  "deprecated" : false,
  "documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example &lt;code&gt;&lt;key, value&gt;&lt;/code&gt;: &lt;code&gt;'vpc',vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.&lt;/p&gt;",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "endpoints",
  "fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example &lt;code&gt;&lt;key, value&gt;&lt;/code&gt;: &lt;code&gt;'vpc',vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.&lt;/p&gt;\n@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example &lt;code&gt;&lt;key, value&gt;&lt;/code&gt;: &lt;code&gt;'vpc',vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "endpoints"
Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example: `<code>key, value</code>: `vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'`.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`.

@return Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example: `<code>key, value</code>: `vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'`,

```java
Map<String, String> endpoints = ...
```

Sets the value of the `key` property for this object. This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `{@link String.Builder#builder()}`. When the `@link Consumer` completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #key(String)}`.

@see #key(String)
@deprecated
```java
public void setKey(String key) { ... }
```
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterMethodName" : "key",
"FluentSetterDocumentation" : "Sets the value of the Key property for this object.\n@\n@param key The new value for the Key property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n@\n@return The value of the Key property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n@\n@param key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "returnType" : "String",
  "documentation" : null
}
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #value(String)}. Returns a reference to this object so that method calls can be chained together.

@see #value(String)"
, "deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

The new value for the Value property for this object.

@see #value(String)"
, "fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

The value of the Value property for this object.

@see #value(String)"
, "getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "value",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "value",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object."
},
"setterMethodName": "setValue",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "value",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"entryType": "Map.Entry<String, String>"
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "Endpoints",
"setterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.

@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.

"setterMethodName" : "setEndpoints",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.

"variableSetterType" : "java.util.Map<String,String>"
},
"xmlnsNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getProcessing",
"beanStyleSetterMethodName" : "setProcessing",
"c2jName" : "Processing",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

This is a convenience that creates an instance of the [Boolean.Builder] avoiding the need to create one manually via [@link Boolean.Builder].

When the [Boolean.Consumer] completes, [@link Boolean.Builder#build()] is called immediately and its result is passed to [@link processing(Boolean)].

@see processing(Boolean)"
,"deprecated" : false,
"documentation" : "The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

"enumType" : null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "processing",
"fluentSetterDocumentation": "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName": "processing",
"getterDocumentation": "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@return The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.
",
"getterModel": {
  "returnType": "Boolean",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Processing",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Processing",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "Processing",
"setterDocumentation": "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@return The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.
",
"setterModel": {
  "returnType": "Boolean",
  "documentation": null
}
active.

"setterMethodName" : "setProcessing",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "processing",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "processing",
  "variableType" : "Boolean",
  "documentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getUpgradeProcessing",
"beanStyleSetterMethodName" : "setUpgradeProcessing",
"c2jName" : "UpgradeProcessing",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean.Builder#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to the @link Consumer#upgradeProcessing(Boolean) that will call methods on the @link Boolean.Builder returned. Returns a reference to this object so that method calls can be chained together.

@see #upgradeProcessing(Boolean)",
"deprecated" : false,
"documentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeProcessing",
"fluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>
@see upgradeProcessing The status of an Elasticsearch domain version upgrade.
@see #upgradeProcessing(Boolean)",
"showInheritance" : false,
"timestampFormat" : null,
"xmlNameSpaceUri" : null
}
configuration is active.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "upgradeProcessing",
"getterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>

@return The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.

"getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UpgradeProcessing",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UpgradeProcessing",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>

@param upgradeProcessing The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.

"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "upgradeProcessing",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.

```
boolean upgradeProcessing;
```

- **getterModel**
  - **returnType**: `String`
  - **documentation**: null

- **http**
  - **additionalMarshallingPath**: null
  - **additionalUnmarshallingPath**: null
  - **flattened**: false
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object."

@param elasticsearchVersion The new value for the ElasticsearchVersion property for this object.

setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig"
"defaultConsumerFluentSetterDocumentation" : "The type and number of instances in the domain cluster.

This is a convenience that creates an instance of the ElasticsearchClusterConfig.Builder
avoiding the need to create one manually via ElasticsearchClusterConfig#builder().

When the Consumer completes, ElasticsearchClusterConfig.Builder#build() is called immediately and its result is
passed to ElasticsearchClusterConfig.ElasticsearchClusterConfig.ElasticsearchClusterConfig a
consumer that will call methods on ElasticsearchClusterConfig.Builder

@return Returns a reference to this object so that method calls can be chained together:

@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)

"deprecated" : false,
"documentation" : "The type and number of instances in the domain cluster.

@param elasticsearchClusterConfig The type and number of instances in the domain cluster.

@return Returns a reference to this object so that method calls can be chained together.

@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)
"
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
@param elasticsearchClusterConfig The type and number of instances in the domain cluster.",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null,

"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
This is a convenience that creates an instance of the [@link EBSOptions.Builder](es-boto3-sdk-reference.html#EBSOptions.Builder) avoiding the need to create one manually via [@link EBSOptions#builder()]. When the [@link Consumer](es-boto3-sdk-reference.html#Consumer) completes, [@link EBSOptions.Builder#build()] is called immediately and its result is passed to [@link EBSOptions#ebsOptions(EBSOptions)]().

@returns Returns a reference to this object so that method calls can be chained together.

@see #ebsOptions(EBSOptions)",
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName": "ebsOptions",
"fluentSetterDocumentation": 


@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName": "ebsOptions",

"getterDocumentation": 

",

"getterModel": {

"returnType": "EBSOptions",
"documentation": null
},

"http": {

"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "EBSOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "EBSOptions",
"uri": false
},

"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "EBSOptions",

"setterDocumentation": 


@return Returns a reference to this object so that method calls can be chained together.
",
"setterMethodName": "ebsOptions",

"serviceOperation": "EBSOptions",
Configuring EBS-based Storage for more information.


This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String.Builder()`. When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `#accessPolicies(String)`.

Returns a reference to this object so that method calls can be chained together.

IAM access policy as a JSON-formatted string.

Returns a reference to this object so that method calls can be chained together.

IAM access policy as a JSON-formatted string.

Returns a reference to this object so that method calls can be chained together.

IAM access policy as a JSON-formatted string.

Returns a reference to this object so that method calls can be chained together.

IAM access policy as a JSON-formatted string.

Returns a reference to this object so that method calls can be chained together.

IAM access policy as a JSON-formatted string.

Returns a reference to this object so that method calls can be chained together.

IAM access policy as a JSON-formatted string.

Returns a reference to this object so that method calls can be chained together.

IAM access policy as a JSON-formatted string.
as a JSON-formatted string.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string. </p>\n@param accessPolicies IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null
},
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string. </p>\n@param accessPolicies IAM access policy as a JSON-formatted string."
"simpleType": "String",
"variableSetterType": "String"
},
"xmlnsSpaceUri": null
},
"beanStyleGetterMethodName": "getSnapshotOptions",
"beanStyleSetterMethodName": "setSnapshotOptions",
"c2jName": "SnapshotOptions",
"c2jShape": "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the status of the
<code>SnapshotOptions</code></p>
This is a convenience that creates an instance of the [ @link
SnapshotOptions.Builder] avoiding the need to create one manually via [ @link
SnapshotOptions#builder()].

When the [ @link Consumer] completes, [ @link
SnapshotOptions.Builder#build()] is called immediately and its result is passed to [ @link
#snapshotOptions(SnapshotOptions)]

@see #snapshotOptions(SnapshotOptions)",
"deprecated": false,
"enumType": "<p>Specifies the status of the
<code>SnapshotOptions</code></p>",
"eventType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "snapshotOptions",
"fluentSetterDocumentation": "<p>Specifies the status of the
<code>SnapshotOptions</code></p>
@param
snapshotOptions Specifies the status of the
<code>SnapshotOptions</code>
@return Returns a reference to this
object so that method calls can be chained together.",
"fluentSetterMethodName": "snapshotOptions",
"getterDocumentation": "<p>Specifies the status of the
<code>SnapshotOptions</code></p>
@return Specifies the status of the
<code>SnapshotOptions</code>",
"getterModel": {
	"returnType": "SnapshotOptions",
	"documentation": null
},
"http": {
	"additionalMarshallingPath": null,
	"additionalUnmarshallingPath": null,
	"flattened": false,
	"greedy": false,
	"header": false,
	"isPayload": false,
	"isStreaming": false,
	"location": null,
	"marshallLocation": "PAYLOAD",
	"marshallLocationName": "SnapshotOptions",
	"queryString": false,
	"statusCode": false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "&lt;p&gt;Specifies the status of the &lt;code&gt;SnapshotOptions&lt;/code&gt;&lt;/p&gt;
@param
snapshotOptions Specifies the status of the &lt;code&gt;SnapshotOptions&lt;/code&gt;",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "&lt;p&gt;Specifies the status of the &lt;code&gt;SnapshotOptions&lt;/code&gt;&lt;/p&gt;",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCDerivedInfo",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;The &lt;code&gt;VPCOptions&lt;/code&gt; for the specified domain. For more information, see &lt;a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>&lt;/p&gt;

This is a convenience that creates an instance of the { @link VPCDerivedInfo.Builder} avoiding the need to create one manually via { @link VPCDerivedInfo#builder()}. When the { @link Consumer} completes, { @link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to { @link VPCOptions(VPCDerivedInfo)}.

@return Returns a reference to this object so that method calls can be chained together.
@see #vpcOptions(VPCDerivedInfo)"
"deprecated" : false,
"documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "vpcOptions",
"getterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>
@return The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
",
"getterModel" : {
"returnType" : "VPCDerivedInfo",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "VPCOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "VPCOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>. The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfo",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfo",
  "documentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",

This is a convenience that creates an instance of the { @link CognitoOptions.Builder} avoiding the need to create one manually via { @link CognitoOptions#builder()}. When the { @link Consumer} completes, { @link CognitoOptions.Builder#build()} is called immediately and its result is passed to { @link #cognitoOptions(CognitoOptions)}. A consumer that will call methods on { @link CognitoOptions.Builder} will return Returns a reference to this object so that method calls can be chained together.

@see #cognitoOptions(CognitoOptions)
  "deprecated" : false,
"documentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.
@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.
@return The <code>CognitoOptions</code> for the specified domain. For more information, see Amazon Cognito Authentication for Kibana.
",;
"getterModel" : {
"returnType" : "CognitoOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CognitoOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CognitoOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>
@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
"beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
"c2jName" : "EncryptionAtRestOptions",
"c2jShape" : "EncryptionAtRestOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>. This is a convenience that creates an instance of the <code>EncryptionAtRestOptions</code>避免了需要创建一个手动的<code>EncryptionAtRestOptions</code>。在@link EncryptionAtRestOptions#builder()时，当@link EncryptionAtRestOptions.Builder#build()完成时，@link EncryptionAtRestOptions#build()立即调用且其结果被传递给@link EncryptionAtRestOptions#EncryptionAtRestOptions()。该消费者将调用方法<code>EncryptionAtRestOptions.Builder</code>返回此对象的引用，从而方法调用可以一起。@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.
\n@deprecated
\n@enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>
@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>
@return Returns a reference to this object so that method calls can be
chained together.",
"fluentSetterMethodName" : "encryptionAtRestOptions",
"getterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>
@return Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
"getterModel" : {
  "returnType" : "EncryptionAtRestOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.</p>
@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>
@return Specifies the status of the
<code>EncryptionAtRestOptions</code>.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
"variableName": "encryptionAtRestOptions",
"variableType": "EncryptionAtRestOptions",
"documentation": null,
"simpleType": "EncryptionAtRestOptions",
"variableSetterType": "EncryptionAtRestOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "EncryptionAtRestOptions",
"variableName": "encryptionAtRestOptions",
"variableType": "EncryptionAtRestOptions",
"documentation": "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>",
"simpleType": "EncryptionAtRestOptions",
"variableSetterType": "EncryptionAtRestOptions"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName": "setNodeToNodeEncryptionOptions",
"c2jName": "NodeToNodeEncryptionOptions",
"c2jShape": "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>
This is a convenience that creates an instance of the
{@link NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via
{@link NodeToNodeEncryptionOptions#builder()}. When the
{@link Consumer} completes, {@link NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to
{@link NodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)} consumer that will call methods on
{@link NodeToNodeEncryptionOptions.Builder}.

@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)
",
"deprecated": false,
"documentation": "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
"enumType": null,
"eventId": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation": "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>
@param nodeToNodeEncryptionOptions Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.
@return Returns a reference to this object so that method
calls can be chained together.
@see #nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)
",
"getterDocumentation": "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>
@return Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.
",
"getterModel": {
"returnType" : "NodeToNodeEncryptionOptions",
"documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NodeToNodeEncryptionOptions",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NodeToNodeEncryptionOptions",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "NodeToNodeEncryptionOptions",
"setterDocumentation" : "\p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>\.</p>\n@param nodeToNodeEncryptionOptions Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>\.",
"setterMethodName" : "setNodeToNodeEncryptionOptions",
"setterModel" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : null,
    "simpleType" : "NodeToNodeEncryptionOptions",
    "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "NodeToNodeEncryptionOptions",
    "variableName" : "nodeToNodeEncryptionOptions",
    "variableType" : "NodeToNodeEncryptionOptions",
    "documentation" : "\p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>\.</p>"},
"simpleType" : "NodeToNodeEncryptionOptions",
"variableSetterType" : "NodeToNodeEncryptionOptions",
},
"xmlNameSpaceUri" : null
],
{
"beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
This is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}. When the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}.<br>

For example, when building a request, this allows one to define the request configuration by creating an instance of the <code>AdvancedOptions</code> and passing it to a method accepting a <code>AdvancedOptions</code> parameter. The <code>AdvancedOptions</code> instance is then passed to the method, which returns a reference to this object so that method calls can be chained together.<br>

**Example:**
```java
@AdvancedOptions(Map<String,String> options)
public void myMethod() {
    // Use options
}
```

When the <code>AdvancedOptions</code> is no longer needed, it can be cleared by calling { @link #clearAdvancedOptions()}. This method clears the <code>AdvancedOptions</code> and returns the current instance for method chaining.

**Example:**
```java
options.clearAdvancedOptions();
```

<br />

"documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.<br>

\textbf{return} Returns a reference to this object so that method calls can be chained together.<br>

**Example:**
```java
options = new AdvancedOptions(Map<String,String> options);
```

"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
"advancedOptions" Specifies the status of the <code>AdvancedOptions</code>
\textbf{return} Returns a reference to this object so that method calls can be chained together.<br>

**Example:**
```java
options = new AdvancedOptions(Map<String,String> options);
```

"getterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
\textbf{return} Specifies the status of the <code>AdvancedOptions</code>

\textbf{getterModel} : {
    "returnType" : "java.util.Map<String,String>",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AdvancedOptions",
    "queryString" : false,
    "statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #key(String)\}. \n@deprecated key a consumer that will call methods on \{@link String.Builder\}\n@returns Returns a reference to this object so that method calls can be chained together."
  },
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "key",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.

@returns Returns a reference to this object so that method calls can be chained together.
"
  },
  "documentation" : "",
  "getterDocumentation" : "Returns the value of the Key property for this object."
},
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object."
,"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String"}
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #value(String)}. @param value a consumer that will call methods on {@link String.Builder} @return Returns a reference to this object so that method calls can be chained together.

@see #value(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING"
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object."

"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>",

"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
@param advancedOptions Specifies the status of the <code>AdvancedOptions</code>\n@param advancedOptions Specifies the status of the <code>AdvancedOptions</code>\n
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
  "simpleType" : "Map<String,String>",
}
"variableSetterType" : "java.util.Map<String,String>",
"xmlNameSpaceUri" : null,
}
	{
"beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>\nThis is a convenience that creates an instance of the {@link Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via {@link Map<String,LogPublishingOption>#builder()}.\nWhen the {@link Consumer} completes, {@link Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to {@link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.
\n@param logPublishingOptions a consumer that will call methods on {@link Map<String,LogPublishingOption>.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "<p>Log publishing options for the given domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.
@return Returns a reference to this object so that method calls can be chained together."
,"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@returns Log publishing options for the given domain.
"getterModel" : {
"returnType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #keyAsString(String)}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : "LogType",
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "key",
    "fluentEnumSetterMethodName" : "key",
    "fluentGetterMethodName" : "keyAsString",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThe new value for the Key property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see LogType",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.\n\nIf the service returns an enum value that is not available in the current SDK version, {@link #key} will return {@link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #keyAsString}.\n\n@return The value of the Key property for this object.\n\n@see LogType",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "key",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "key",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.\n@param key The new value for the Key property for this object.\n@see LogType",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "getterMethodName": "getKey",
  "getterModel": {
    "variableDeclarationType": "String",
    "variableName": "key",
    "variableType": "String",
    "documentation": "",
    "simpleType": "String",
    "variableSetterType": "String"
  },
  "setterMethodName": "setKey",
  "setterModel": {
    "variableDeclarationType": "String",
    "variableName": "key",
    "variableType": "String",
    "documentation": "",
    "simpleType": "String",
    "variableSetterType": "String"
  }
}
"c2jName" : "value",
"c2jShape" : "LogPublishingOption",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a
certainty that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to
create one manually via { @link LogPublishingOption#builder()]. When the { @link Consumer} completes, { @link
LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link
#value(LogPublishingOption)}.\n\n@param value a consumer that will call methods on { @link
LogPublishingOption.Builder}\n\n@return Returns a reference to this object so that method calls can be chained
together.\n\n@see #value(LogPublishingOption)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object. The new value for the Value property for this object.
\n@returns Returns a reference to this object so that method calls can
be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n\n@returns The value of the Value property for this object.",
"getterModel" : {
 "returnType" : "LogPublishingOption",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "value",
 "uri" : false
 },
"idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n@param value The new value for the Value property for this object.";
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "Log publishing options for the given domain.\n@param logPublishingOptions Log publishing options for the given domain."
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
}
"variableType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : "<p>Log publishing options for the given domain.</p>",
"simpleType" : "Map<String,LogPublishingOption>",
"variableSetterType" : "java.util.Map<String,LogPublishingOption>
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
This is a convenience that creates an instance of the {@link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via {@link ServiceSoftwareOptions#builder()}. When the {@link Consumer} completes, {@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to {@link ServiceSoftwareOptions(ServiceSoftwareOptions)}. @param serviceSoftwareOptions a consumer that will call methods on {@link ServiceSoftwareOptions.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
  "deprecated" : false,
  "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "serviceSoftwareOptions",
  "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
@param serviceSoftwareOptions The current status of the Elasticsearch domain's service software.@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "serviceSoftwareOptions",
  "getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>
@return The current status of the Elasticsearch domain's service software.",
  "getterModel" : {
    "returnType" : "ServiceSoftwareOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ServiceSoftwareOptions",
    "queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "The current status of the Elasticsearch domain's service software.";
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "The current status of the Elasticsearch domain's service software.",
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "ARN" : {
    "beanStyleGetterMethodName" : "getArn",
    "beanStyleSetterMethodName" : "setArn",
    "c2jName" : "ARN",
    "c2jShape" : "ARN",
  }
},
"@param serviceSoftwareOptions The current status of the Elasticsearch domain's service software.",
"@param arn a
consumer that will call methods on \{@link String.Builder}\n@return Returns a reference to this object so that
method calls can be chained together.@see #arn(String)
",
"deprecated" : false,
"documentation" : ":<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : ":<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.</p>@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : ":<p>The Amazon resource name (ARN) of an Elasticsearch domain. See <a
target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.</p>@return The Amazon resource name (ARN) of an Elasticsearch domain. See <a
target="_blank">Identifiers for IAM Entities</a> in <i>Using AWS Identity and Access Management</i> for
more information.
",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"AccessPolicies" : {
  "beanStyleGetterMethodName" : "getAccessPolicies",
  "beanStyleSetterMethodName" : "setAccessPolicies",
  "c2jName" : "AccessPolicies",
  "c2jShape" : "PolicyDocument",
  "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to {@link #accessPolicies(String)}.

@parameter
accessPolicies a consumer that will call methods on {String.Builder}

@return Returns a reference to this object so that method calls can be chained together.

@see #accessPolicies(String)"

"deprecated" : false,
"documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>

@parameter
accessPolicies IAM access policy as a JSON-formatted string.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>

@return IAM access policy as a JSON-formatted string.

"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "AccessPolicies",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "AccessPolicies",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.</p>

@parameter
accessPolicies IAM access policy as a JSON-formatted string."
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"AdvancedOptions" : {
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
This is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}.
When the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)}.
@param advancedOptions a consumer that will call methods on { @link Map<String,String>.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #advancedOptions(Map<String,String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "advancedOptions",
  "fluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
@see #advancedOptions(Map<String,String>)",
  "fluentSetterMethodName" : "advancedOptions",
  "getterDocumentation" : "<p>Specifies the status of the
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Specifies the status of the AdvancedOptions.

This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder().

When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #key(String)

Returns a reference to this object so that method calls can be chained together.

This is a convenience that sets the value of the Key property for this object.

@DEFAULT_CONSUMER_FLATSETTER_DOCUMENTATION@
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.
@param key The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.
@return The value of the Key property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.
@param key The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setKey",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "key",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String"
"variableSetterType" : "String",
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultValueFluentSetterDocumentation" : "Sets the value of the Value property for this object. When the Consumer completes, it is called immediately and its result is passed to #value(String). @param value a consumer that will call methods on String.Builder
  @return Returns a reference to this object so that method calls can be chained together.
  @see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object. The new value for the Value property for this object.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #value(String)",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.
  @return The value of the Value property for this object.
  @see #value(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.
",

"setterMethodName" : "setValue",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"xmlNameSpaceUri" : null
},

"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},

"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
@param advancedOptions Specifies the status of the <code>AdvancedOptions</code>.
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNameSpaceUri" : null
},
"CognitoOptions" : {
  "beanStyleGetterMethodName" : "getCognitoOptions",
  "beanStyleSetterMethodName" : "setCognitoOptions",
  "c2jName" : "CognitoOptions",
  "c2jShape" : "CognitoOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.<p>
This is a convenience that creates an instance of the {@link CognitoOptions.Builder} avoiding the need to create one manually via {@link CognitoOptions#builder()}. When the {@link Consumer} completes, {@link CognitoOptions.Builder#build()} is called immediately and its result is passed to {@link CognitoOptions.Builder#cognitoOptions(CognitoOptions)}.
@param cognitoOptions a consumer that will call methods on {@link CognitoOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #cognitoOptions(CognitoOptions)",
  "deprecated" : false,
  "documentation" : "<p>The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.<p>
"enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cognitoOptions",
  "fluentSetterMethodName" : "cognitoOptions"}
The `<code>CognitoOptions</code>` for the specified domain. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).

```java
@returns
```

The `<code>CognitoOptions</code>` for the specified domain.

```java
@returns
```

```
```
Amazon Cognito Authentication for Kibana</a>,

"setterMethodname" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : "The `<code>CognitoOptions</code>` for the specified domain. For more information, see a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>

"simpleType" : "CognitoOptions",
"variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
},
"Created" : {
  "beanStyleGetterMethodName" : "getCreated",
  "beanStyleSetterMethodName" : "setCreated",
  "c2jName" : "Created",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "The domain creation status. `<code>True</code>` if the creation of an Elasticsearch domain is complete. `<code>False</code>` if domain creation is still in progress.

This is a convenience that creates an instance of the `{ @link Boolean.Builder }` avoiding the need to create one manually via `{ @link Boolean#builder() }`. When the `{ @link Consumer }` completes, `{ @link Boolean.Builder#build() }` is called immediately and its result is passed to `{ @link #created(Boolean) }`. It is only used in the client library and not in the generated code.

The `getCreated()` method is the same as the `created()` method, but its return type is immutable, therefore, the method becomes non-fluent.

When using this method, the consumer should be used to set the created status.

When the consumer completes, `{ @link Boolean.Builder#build() }` is called immediately and its result is passed to `{ @link #created(Boolean) }`. Returns a reference to this object so that method calls can be chained together.

@see #created(Boolean)
@deprecated exposed
  "documentation" : "The domain creation status. `<code>True</code>` if the creation of an Elasticsearch domain is complete. `<code>False</code>` if domain creation is still in progress."

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "getCreated",
"fluentEnumSetterMethodName" : "setCreated",
"fluentGetterMethodName" : "created",
"fluentSetterDocumentation" : "The domain creation status. `<code>True</code>` if the creation of an Elasticsearch domain is complete. `<code>False</code>` if domain creation is still in progress."

@n@n
The domain creation status. `<code>True</code>` if the creation of an Elasticsearch domain is complete. `<code>False</code>` if domain creation is still in progress.

@n@nThe domain creation status. `<code>True</code>` if the creation of an Elasticsearch domain is complete. `<code>False</code>` if domain creation is still in progress.

@n@nThe domain creation status. `<code>True</code>` if the creation of an Elasticsearch domain is complete. `<code>False</code>` if domain creation is still in progress.

The domain creation status. `<code>True</code>` if the creation of an Elasticsearch domain is complete. `<code>False</code>` if domain creation is still in progress.

The domain creation status. `<code>True</code>` if the creation of an Elasticsearch domain is complete. `<code>False</code>` if domain creation is still in progress.

The domain creation status. `<code>True</code>` if the creation of an Elasticsearch domain is complete. `<code>False</code>` if domain creation is still in progress.
<code>false</code> if domain creation is still in progress.

@returns Returns a reference to this object so that method calls can be chained together.

"fIluentSetterMethodName" : "created",
"getterDocumentation" : "The domain creation status. <code>true</code> if the creation of an Elasticsearch domain is complete. <code>false</code> if domain creation is still in progress.

@returns the domain creation status. <code>true</code> if the creation of an Elasticsearch domain is complete. <code>false</code> if domain creation is still in progress.

"setterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Created",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Created",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Created",
"setterDocumentation" : "The domain creation status. <code>true</code> if the creation of an Elasticsearch domain is complete. <code>false</code> if domain creation is still in progress.

@param created

"setterMethodName" : "setCreated",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "created",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.”,

"getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Deleted",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Deleted",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "BOOLEAN",

"name" : "Deleted",

"setterDocumentation" : "The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.",

"setterMethodName" : "setDeleted",

"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "deleted",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},

"simple" : true,
null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "deleted",
  "variableType" : "Boolean",
  "documentation" : "The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned."",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"DomainId" : {
  "beanStyleGetterMethodName" : "getDomainId",
  "(beanStyleSetterMethodName" : "setDomainId",
  "c2jName" : "DomainId",
  "c2jShape" : "DomainId",
  "defaultConsumerFluentSetterDocumentation" : "The unique identifier for the specified Elasticsearch domain. This is a convenience that creates an instance of the \{ @link String.Builder\} avoiding the need to create one manually via \{ @link String#builder()\}.\nWhen the \{ @link Consumer\} completes, \{ @link String.Builder#build()\} is called immediately and its result is passed to \{ @link #domainId(String)\}.\n\n@param domainId a consumer that will call methods on \{ @link String.Builder\} \n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainId(String)"
},
"deprecated" : false,
"documentation" : "The unique identifier for the specified Elasticsearch domain."",
"enumType" : null,
"eventHeader" : false,
"payload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentSetterMethodName" : "domainId",
"fluentSetterDocumentation" : "The unique identifier for the specified Elasticsearch domain.\n\n@param domainId The unique identifier for the specified Elasticsearch domain.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainId(String)"
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainId",
"setterDocumentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>
@param domainId The unique identifier for the specified Elasticsearch domain.",
"setterMethodName" : "setDomainId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainId",
  "variableType" : "String",
  "documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsNamespaceUri" : null
},
"DomainName" : {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names
are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).

This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #domainName(String) \}. @return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)

"deprecated" : false,
"documentation" : "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "The name of an Elasticsearch domain. Domain names are unique across the
domains owned by an account within an AWS region. Domain names start with a letter or number and can contain
the following characters: a-z (lowercase), 0-9, and - (hyphen).",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "The name of an Elasticsearch domain. Domain names are unique across the domains
owned by an account within an AWS region. Domain names start with a letter or number and can contain the
following characters: a-z (lowercase), 0-9, and - (hyphen).",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"EBSOptions" : {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "The <code>EBSOptions</code> for the specified
domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage</a>
for more information.

This is a convenience that creates an instance of the {@link EBSOptions.Builder}
When the Consumer completes, EBSOptions.Builder#build() is called immediately and its result is passed to EBSOptions.Builder.\n\n@param ebsOptions a consumer that will call methods on EBSOptions.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n
@see EBSOptions
idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "EBSOptions",
"setterDocumentation": "The \(<code>EBSOptions</code>\) for the specified domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage</a> for more information.";
"setterMethodName": "setEbsOptions",
"setterModel": {
  "variableDeclarationType": "EBSOptions",
  "variableName": "ebsOptions",
  "variableType": "EBSOptions",
  "documentation": null,
  "simpleType": "EBSOptions",
  "variableSetterType": "EBSOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "EBSOptions",
  "variableName": "ebsOptions",
  "variableType": "EBSOptions",
  "documentation": "The \(<code>EBSOptions</code>\) for the specified domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage</a> for more information.";
  "simpleType": "EBSOptions",
  "variableSetterType": "EBSOptions"
},
"xmlNameSpaceUri": null,

"ElasticsearchClusterConfig": {
  "beanStyleGetterMethodName": "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName": "setElasticsearchClusterConfig",
  "c2jName": "ElasticsearchClusterConfig",
  "c2jShape": "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation": "The type and number of instances in the domain cluster.";
  "defaultConsumerFluentSetterMethod": "setElasticsearchClusterConfig",
  "c2jShape": "ElasticsearchClusterConfig",
  "c2jName": "ElasticsearchClusterConfig",
  "xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getElasticsearchClusterConfig",
"beanStyleSetterMethodName": "setElasticsearchClusterConfig",
"c2jName": "ElasticsearchClusterConfig",
"c2jShape": "ElasticsearchClusterConfig",

"defaultConsumerFluentSetterDocumentation": "This is a convenience that creates an instance of the \{@link ElasticsearchClusterConfig.Builder\} avoiding the need to create one manually via \{@link ElasticsearchClusterConfig#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link ElasticsearchClusterConfig.Builder#build()\} is called immediately and its result is
passed to \{ @link \#elasticsearchClusterConfig(ElasticsearchClusterConfig)\}.\n@param elasticsearchClusterConfig a consumer that will call methods on \{ @link ElasticsearchClusterConfig.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see \#elasticsearchClusterConfig(ElasticsearchClusterConfig)"
      "deprecated" : false,
      "documentation" : "<p>The type and number of instances in the domain cluster.</p>",
      "enumType" : null,
      "eventHeader" : false,
      "eventPayload" : false,
      "fluentEnumGetterMethodName" : null,
      "fluentEnumSetterMethodName" : null,
      "fluentGetterMethodName" : "elasticsearchClusterConfig",
      "fluentSetterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
      @param elasticsearchClusterConfig The type and number of instances in the domain cluster.
      @return Returns a reference to this object so that method calls can be chained together."
      "fluentSetterMethodName" : "elasticsearchClusterConfig",
      "getterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>
      @param
      elasticsearchClusterConfig The type and number of instances in the domain cluster.
      @return The type and number of instances in the domain cluster."
      "getterModel" : {
        "returnType" : "ElasticsearchClusterConfig",
        "documentation" : null
      },
      "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ElasticsearchClusterConfig",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ElasticsearchClusterConfig",
        "uri" : false
      },
      "idempotencyToken" : false,
      "isBinary" : false,
      "jsonValue" : false,
      "list" : false,
      "listModel" : null,
      "map" : false,
      "mapModel" : null,
      "marshallingType" : "SDK_POJO",
      "name" : "ElasticsearchClusterConfig",
      "setterDocumentation" : "<p>The type and number of instances in the domain cluster.</p>\n      @param
elasticsearchClusterConfig The type and number of instances in the domain cluster.

setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchVersion" : {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion",
  "c2jName" : "ElasticsearchVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {\@link String#builder()}.\n\nWhen the {\@link Consumer} completes, {\@link String.Builder#build()} is called immediately and its result is passed to {\@link ElasticsearchVersion(String)}.\n\n@param elasticsearchVersion a consumer that will call methods on {\@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see ElasticsearchVersion(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "elasticsearchVersion",
  "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param elasticsearchVersion The new value for the ElasticsearchVersion property for this object.\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see ElasticsearchVersion(String)",
  "getDocumentation" : "Returns the value of the ElasticsearchVersion property for this object.\n\n@return The value of the ElasticsearchVersion property for this object.\n\n@see ElasticsearchVersion(String)"
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "ElasticsearchVersion",

"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@\n
getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "ElasticsearchVersion",

"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@\n
"variableSetterType": "String",
"xmlNameSpaceUri": null
},
"EncryptionAtRestOptions": {
"beanStyleGetterMethodName": "getEncryptionAtRestOptions",
"beanStyleSetterMethodName": "setEncryptionAtRestOptions",
"c2jName": "EncryptionAtRestOptions",
"c2jShape": "EncryptionAtRestOptions",
"defaultValueSetterDocumentation": "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.\nThis is a convenience that creates an instance of the [@link EncryptionAtRestOptions.Builder](https://example.com/EncryptionAtRestOptions.Builder) avoiding the need to create one manually via @link EncryptionAtRestOptions#builder().\nWhen the [@link Consumer](https://example.com/Consumer) completes, @link EncryptionAtRestOptions.Builder#build() is called immediately and its result is passed to @link EncryptionAtRestOptions(EncryptionAtRestOptions) a consumer that will call methods on @link EncryptionAtRestOptions.Builder\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"deprecated": false,
"documentation": "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.\n</p>",
"enumType": "null",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "null",
"fluentEnumSetterMethodName": "null",
"fluentGetterMethodName": "encryptionAtRestOptions",
"fluentSetterDocumentation": "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.\n</p>\n@param encryptionAtRestOptions a consumer that will call methods on @link EncryptionAtRestOptions.Builder\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #encryptionAtRestOptions(EncryptionAtRestOptions)",
"getterDocumentation": "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.\n</p>\n@param encryptionAtRestOptions Specifies the status of the
<code>EncryptionAtRestOptions</code>\n@returns Returns a reference to this object so that method calls can be chained together.\n".
"getterSetterMethod": "encryptionAtRestOptions",
"getterDocumentation": "<p> Specifies the status of the
<code>EncryptionAtRestOptions</code>.\n</p>\n@param encryptionAtRestOptions\n@returns Specifies the status of the
<code>EncryptionAtRestOptions</code>\n",
"getterModel": {
"returnType": "EncryptionAtRestOptions",
"documentation": null
},
"http": {
"additionalMarshallingPath": "null",
"additionalUnmarshallingPath": "null",
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": "null",
"marshallLocation": "PAYLOAD",
"marshallLocationName": "EncryptionAtRestOptions"
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EncryptionAtRestOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>. </p>
@param encryptionAtRestOptions Specifies the status of the <code>EncryptionAtRestOptions</code>.",
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>. </p>
@param encryptionAtRestOptions Specifies the status of the <code>EncryptionAtRestOptions</code>.",
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
},
"Endpoint" : {
  "beanStyleGetterMethodName" : "getEndpoint",
  "beanStyleSetterMethodName" : "setEndpoint",
  "c2jName" : "Endpoint",
  "c2jShape" : "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests. </p>
This is a convenience that creates an instance of the <code>@link String.Builder</code> avoiding the need to create one manually via <code>@link String.Builder#builder()</code>. When the <code>@link Consumer</code> completes, <code>@link String.Builder#build()</code> is called immediately and its result is passed to <code>@link #endpoint(String)</code>.<p><@link return</p>
Returns a reference to this object so that method calls can be chained together. @see #endpoint(String),

"deprecated" : false,
"documentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.

@see #endpoint(String)",

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoint",
"fluentSetterDocumentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.

@see #endpoint(String)",

"getterDocumentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.

@endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.

@see #endpoint(String)",

"getterModel" : {
"returnType" : "String",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Endpoint",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Endpoint",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Endpoint",
"setterDocumentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.

@endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.

@endpoint The Elasticsearch domain endpoint that you use to submit index and search requests."
"setterMethodName" : "setEndpoint",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "endpoint",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "endpoint",
  "variableType" : "String",
  "documentation" : "The Elasticsearch domain endpoint that you use to submit index and search requests.",
  "xmlNameSpaceUri" : null
},
"Endpoints" : {
  "beanStyleGetterMethodName" : "getEndpoints",
  "beanStyleSetterMethodName" : "setEndpoints",
  "c2jName" : "Endpoints",
  "c2jShape" : "EndpointsMap",
  "defaultConsumerFluentSetterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrgtk5gt6j2fobh4.us-east-1.es.amazonaws.com'</code>. This is a convenience that creates an instance of the { @link Map<String,String>}.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}.

When the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #endpoints(Map<String,String>)}.

@see #endpoints(Map<String,String>)
  @return Returns a reference to this object so that method calls can be chained together.
  @param endpoints a consumer that will call methods on { @link Map<String,String>.Builder}
  @return Returns a reference to this object so that method calls can be chained together.
  @param endpoints a consumer that will call methods on { @link Map<String,String>.Builder}
  @return Returns a reference to this object so that method calls can be chained together.
},
"deprecated" : false,
"documentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrgtk5gt6j2fobh4.us-east-1.es.amazonaws.com'</code>.", 
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoints",
"fluentSetterDocumentation" : "Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrgtk5gt6j2fobh4.us-east-1.es.amazonaws.com'</code>.", 
"xmlNameSpaceUri" : null}
h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'.</code>.</p>

@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>. Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "endpoints",

"getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.

"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallerLocation" : "PAYLOAD",
  "marshallerLocationName" : "Endpoints",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallerLocationName" : "Endpoints",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : true,

"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the \n@link String.Builder\ avoiding the need to create one manually via
When the `@link Consumer` completes, `@link String.Builder#build()` is called immediately and its result is passed to `@link #key(String)`.

@see #key(String)

`@return` Returns a reference to this object so that method calls can be chained together.

```
 Key key = new Key();
 key.key(key); // Sets the value of the Key property for this object.
```

@see #key(String)

```
@override
public String key(String key) {
    // Sets the value of the Key property for this object.
    this.key = key;
    return this;
}
```

@see #key(String)

```
public String key() {
    // Returns the value of the Key property for this object.
    return key;
}
```

When the `@link Consumer` completes, `@link String.Builder#build()` is called immediately and its result is passed to `@link #key(String)`.

@see #key(String)

```
Key key = new Key();
key.key(key); // Returns a reference to this object so that method calls can be chained together.
```

@see #key(String)

```
@override
public String key(String key) {
    // Sets the value of the Key property for this object.
    this.key = key;
    return this;
}
```

@see #key(String)

```
public String key() {
    // Returns the value of the Key property for this object.
    return key;
}
```

The new value for the Key property for this object.

@see #key(String)

```
Key key = new Key();
key.key(key); // Sets the value of the Key property for this object.
```

@see #key(String)

```
@override
public String key(String key) {
    // Sets the value of the Key property for this object.
    this.key = key;
    return this;
}
```

@see #key(String)

```
public String key() {
    // Returns the value of the Key property for this object.
    return key;
}
```
for the Key property for this object.

setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #value(String)].

@param value a consumer that will call methods on [@link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.

@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@returns value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.

@returns The value of the Value property for this object."}
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object."
,"setterMethodName" : "setValue",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "value",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "value",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String"}
"variableSetterType" : "String",
"xmlNameSpaceUri" : null,
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>",
"marshallingType" : "MAP",
"name" : "Endpoints",
"setterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc',vpc-endpoint-h2dsd34efgghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.</p>
@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc',vpc-endpoint-h2dsd34efgghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.
"setterMethodName" : "setEndpoints",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"xmlNameSpaceUri" : null,
"LogPublishingOptions" : {
  "beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
  "c2jName" : "LogPublishingOptions",
  "c2jShape" : "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
This is a convenience that creates an instance of the { @link Map<String,LogPublishingOption> Builder} avoiding the need to create one manually via { @link Map<String,LogPublishingOption> #builder()}.\n\nWhen the { @link Consumer} completes, { @link Map<String,LogPublishingOption> Builder#build()} is called immediately and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}.
@param endpoints Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc',vpc-endpoint-h2dsd34efgghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.
"setterMethodName" : "setEndpoints",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "endpoints",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"}
Map<String, LogPublishingOption>.Builder\n
@see #logPublishingOptionsWithStrings(Map<String, LogPublishingOption>)\n
"deprecated": false,
"documentation": "<p>Log publishing options for the given domain.</p>
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "logPublishingOptions",
"fluentEnumSetterMethodName": "logPublishingOptions",
"fluentGetterMethodName": "logPublishingOptionsAsStrings",
"fluentSetterDocumentation": "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "logPublishingOptionsWithStrings",
"getterDocumentation": "<p>Log publishing options for the given domain.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
@return Log publishing options for the given domain.",
"getterModel": {
"returnType": "java.util.Map<String, LogPublishingOption>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "LogPublishingOptions",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "LogPublishingOptions",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": true,
"mapModel": {
"implType": "java.util.HashMap",
"interfaceType": "java.util.Map",
"keyLocationName": "key",
"keyModel": {"null": false,"type": "java.lang.String"}
}
"beanStyleGetterMethodName" : "getKeyAsString",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "LogType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the {...String.Builder} avoiding the need to create one manually via {...String#builder()}. When the {...Consumer} completes, {...String.Builder#build()} is called immediately and its result is passed to {...keyAsString(String)}. @param key a consumer that will call methods on {...String.Builder}
@return Returns a reference to this object so that method calls can be chained together.@see #key(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object. The new value for the Key property for this object.
@return Returns a reference to this object so that method calls can be chained together.@see LogType",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object. If the service returns an enum value that is not available in the current SDK version, {...key} will return {...LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {...keyAsString}. The value of the Key property for this object.@see LogType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.\n\n@see LogType",
"setterMethodName": "setKey",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "key",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "key",
"variableType": "String",
"documentation": "",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
"beanStyleGetterMethodName": "getValue",
"beanStyleSetterMethodName": "setValue",
"c2jName": "value",
"c2jShape": "LogPublishingOption",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the [@link LogPublishingOption.Builder] avoiding the need to create one manually via [@link LogPublishingOption#builder()].\n\nWhen the [Consumer] completes, [@link LogPublishingOption.Builder#build()] is called immediately and its result is passed to [@link LogPublishingOption.Builder#build()].\n\n@see [#value(LogPublishingOption)]
"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventoPayload": false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@returns The value of the Value property for this object.",
"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.

@returns Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"}
"NodeToNodeEncryptionOptions" : {
  "beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
  "beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
  "c2jName" : "NodeToNodeEncryptionOptions",
  "c2jShape" : "NodeToNodeEncryptionOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>
"<p>This is a convenience that creates an instance of the [ @link
NodeToNodeEncryptionOptions.Builder} avoiding the need to create one manually via {@link
NodeToNodeEncryptionOptions#builder()}. When the {@link Consumer} completes, {@link
NodeToNodeEncryptionOptions.Builder#build()} is called immediately and its result is passed to {@link
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)}. @param nodeToNodeEncryptionOptions a
consumer that will call methods on {@link NodeToNodeEncryptionOptions.Builder} @return Returns a reference
to this object so that method calls can be chained together.

```java
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)
```

"deprecated" : false,
"documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>.
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.</p>
@param nodeToNodeEncryptionOptions Specifies the status
of the <code>NodeToNodeEncryptionOptions</code>.
@return Returns a reference to this object so that method
calls can be chained together.

```java
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)
```

"getterDocumentation" : "<p>Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.
@return Specifies the status of the
<code>NodeToNodeEncryptionOptions</code>.
```

```java
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)
```

"getterModel" : {
"returnType" : "NodeToNodeEncryptionOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NodeToNodeEncryptionOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NodeToNodeEncryptionOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.

@see #processing(Boolean)

@see #processing(Boolean)

@see #processing(Boolean)

@see #processing(Boolean)

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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "processing",
"fluentSetterDocumentation" : "The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "processing",
"getterDocumentation" : "The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@return The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Processing",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Processing",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Processing",
"setterDocumentation" : "The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.

@return Returns a reference to this object so that method calls can be chained together.

"setterMethodName" : "setProcessing",
"setterModel" : {
variableDeclarationType" : "Boolean",
"variableName" : "processing",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Boolean",
"variableName" : "processing",
"variableType" : "Boolean",
"documentation" : "The status of the Elasticsearch domain configuration. &lt;code&gt;True&lt;/code&gt; if Amazon Elasticsearch Service is processing configuration changes. &lt;code&gt;False&lt;/code&gt; if the configuration is active.&lt;/p&gt;",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"ServiceSoftwareOptions" : {
"beanStyleGetterMethodName" : "getServiceSoftwareOptions",
"beanStyleSetterMethodName" : "setServiceSoftwareOptions",
"c2jName" : "ServiceSoftwareOptions",
"c2jShape" : "ServiceSoftwareOptions",
"defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch domain's service software.
This is a convenience that creates an instance of the { @link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via { @link ServiceSoftwareOptions#builder()}. When the { @link Consumer} completes, { @link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to { @link #serviceSoftwareOptions(ServiceSoftwareOptions)}.
@param serviceSoftwareOptions a consumer that will call methods on { @link ServiceSoftwareOptions.Builder}.
@returns Returns a reference to this object so that method calls can be chained together.
@see #serviceSoftwareOptions(ServiceSoftwareOptions)",
"deprecated" : false,
"documentation" : "The current status of the Elasticsearch domain's service software.
@returns The current status of the Elasticsearch domain's service software.
@returns Returns a reference to this object so that method calls can be chained together.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "The current status of the Elasticsearch domain's service software.
@returns The current status of the Elasticsearch domain's service software.
@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "serviceSoftwareOptions",
"getterDocumentation" : "The current status of the Elasticsearch domain's service software.
@returns The current status of the Elasticsearch domain's service software.
@returns Returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
"returnType" : "ServiceSoftwareOptions"
"documentation" : null
],
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "ServiceSoftwareOptions",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>\n@param
serviceSoftwareOptions The current status of the Elasticsearch domain's service software.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : null,
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "ServiceSoftwareOptions",
 "variableName" : "serviceSoftwareOptions",
 "variableType" : "ServiceSoftwareOptions",
 "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
 "simpleType" : "ServiceSoftwareOptions",
 "variableSetterType" : "ServiceSoftwareOptions"
}
"xmlNameSpaceUri" : null
},
"SnapshotOptions" : {
"beanStyleGetterMethodName" : "getSnapshotOptions",
"beanStyleSetterMethodName" : "setSnapshotOptions",
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation" : "\<p\>Specifies the status of the \<code\>SnapshotOptions</code\></p\>\", 
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterDocumentation" : "\<p\>Specifies the status of the \<code\>SnapshotOptions</code\></p\>\n\@param snapshotOptions Specifies the status of the \<code\>SnapshotOptions</code\></p\>\n\@return Returns a reference to this object so that method calls can be chained together.\.",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "\<p\>Specifies the status of the \<code\>SnapshotOptions</code\></p\>\n\@return Returns a reference to this object so that method calls can be chained together.\.",
"getterModel" : {
 "returnType" : "SnapshotOptions",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SnapshotOptions",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SnapshotOptions",
 "uri" : false
}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "SnapshotOptions",
"setterDocumentation": "<p>Specifies the status of the <code>SnapshotOptions</code></p>
@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code>
",
"setterMethodName": "setSnapshotOptions",
"setterModel": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": null,
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": "<p>Specifies the status of the <code>SnapshotOptions</code></p>
",
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"xmlNameSpaceUri": null
},
"UpgradeProcessing": {
  "beanStyleGetterMethodName": "getUpgradeProcessing",
  "beanStyleSetterMethodName": "setUpgradeProcessing",
  "c2jName": "UpgradeProcessing",
  "c2jShape": "Boolean",
  "defaultConsumerFluentSetterDocumentation": "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>

This is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via { @link Boolean.Builder()}.

When the { @link Consumer} completes, { @link Boolean.Builder#build()} is called immediately and its result is passed to { @link #upgradeProcessing(Boolean)}.

@param upgradeProcessing a consumer that will call methods on { @link Boolean.Builder}
@return Returns a reference to this object so that method calls can be chained together.

"deprecated": false,
"documentation": "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if
Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active."

```
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeProcessing",
"fluentSetterDocumentation" : "The status of an Elasticsearch domain version upgrade. `<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

```

```
@Param upgradeProcessing The status of an Elasticsearch domain version upgrade.

```

```
@Return Returns a reference to this object so that method calls can be chained together.

```

```
"fluentSetterMethodName" : "upgradeProcessing",

```

```
getterDocumentation" : "The status of an Elasticsearch domain version upgrade. `<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

```

```
@return The status of an Elasticsearch domain version upgrade. `<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

```

```
"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},

```

```
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeProcessing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeProcessing",
"uri" : false
},

```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "The status of an Elasticsearch domain version upgrade. `<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

```

```
"setterModel" : {
"returnType" : "Boolean",
"documentation" : null
},

```

```
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeProcessing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeProcessing",
"uri" : false
},

```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "The status of an Elasticsearch domain version upgrade. `<code>True</code>` if Amazon Elasticsearch Service is undergoing a version upgrade. `<code>False</code>` if the configuration is active.

```

```
"setterModel" : {
"returnType" : "Boolean",
"documentation" : null
},

```

```
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeProcessing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeProcessing",
"uri" : false
},

```

```
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.

```java
@param upgradeProcessing The status of an Elasticsearch domain version upgrade.
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.
```

```json
"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "upgradeProcessing",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "upgradeProcessing",
  "variableType" : "Boolean",
  "documentation" : "The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active."
}
```

```java
"VPCOptions" : {
  "beanStyleGetterMethodName" : "getVpcOptions",
  "beanStyleSetterMethodName" : "setVpcOptions",
  "c2jName" : "VPCOptions",
  "c2jShape" : "VPCDerivedInfo",
  "defaultConsumerFluentSetterDocumentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>."
}
```

This is a convenience that creates an instance of the [VPCDerivedInfo.Builder] avoiding the need to create one manually via [VPCDerivedInfo#builder()]. When the [Consumer] completes, [VPCDerivedInfo.Builder#build()] is called immediately and its result is passed to [VPCDerivedInfo#builder()].

```
@param vpcOptions a consumer that will call methods on [VPCDerivedInfo.Builder]
@return Returns a reference to this object so that method calls can be chained together.
```

```java
"varDeprecated" : false,
"documentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see [VPC Endpoints for Amazon Elasticsearch Service Domains](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"xmlNameSpaceUri" : null
```
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "vpcOptions",
@return The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.,
"getterModel" : {
   "returnType" : "VPCDerivedInfo",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "VPCOptions",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "VPCOptions",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "vpcOptions",
"setterModel" : {
   "returnType" : "VPCDerivedInfo",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "VPCOptions",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "VPCOptions",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "vpcOptions",
VPC Endpoints for Amazon Elasticsearch Service Domains

The `VPCOptions` for the specified domain. For more information, see "VPC Endpoints for Amazon Elasticsearch Service Domains".

```
@nl@param vpcOptions The `VPCOptions` for the specified domain. For more information, see
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```
"variableDeclarationType" : "String",
"variableName" : "domainId",
"variableType" : "String",
"documentation" : "<p>The unique identifier for the specified Elasticsearch domain.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. @param domainName a consumer that will call methods on { @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. @param domainName a consumer that will call methods on { @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. @param domainName a consumer that will call methods on { @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen). When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. @param domainName a consumer that will call methods on { @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).</p>"}
The name of an Elasticsearch domain. Domain names are unique across the domains owned by an account within an AWS region. Domain names start with a letter or number and can contain the following characters: a-z (lowercase), 0-9, and - (hyphen).
"simpleType" : "String",
"variableSetterType" : "String"
}
"xmlNameSpaceUri" : null
}
"beanStyleGetterMethodName" : "getArn",
"beanStyleSetterMethodName" : "setArn",
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;The Amazon resource name (ARN) of an Elasticsearch domain. See &lt;a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank"&gt;Identifiers for IAM Entities&lt;/a&gt; in &lt;i&gt;Using AWS Identity and Access Management&lt;/i&gt; for more information.&lt;/p&gt;&lt;p&gt;This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.&lt;/p&gt;When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}.

@param arn a consumer that will call methods on { @link String.Builder} &lt;return&gt;Returns a reference to this object so that method calls can be chained together.&lt;/return&gt;&lt;see &lt;code&gt;#arn(String)&lt;/code&gt;&gt;,

"deprecated" : false,

"documentation" : "&lt;p&gt;The Amazon resource name (ARN) of an Elasticsearch domain. See &lt;a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank"&gt;Identifiers for IAM Entities&lt;/a&gt; in &lt;i&gt;Using AWS Identity and Access Management&lt;/i&gt; for more information.&lt;/p&gt;",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "arn",

"fluentSetterDocumentation" : "&lt;p&gt;The Amazon resource name (ARN) of an Elasticsearch domain. See &lt;a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank"&gt;Identifiers for IAM Entities&lt;/a&gt; in &lt;i&gt;Using AWS Identity and Access Management&lt;/i&gt; for more information.&lt;/p&gt;&lt;p&gt;\n@param arn The Amazon resource name (ARN) of an Elasticsearch domain. See &lt;a href="http://docs.aws.amazon.com/IAM/latest/UserGuide/index.html?Using_Identifiers.html" target="_blank"&gt;Identifiers for IAM Entities&lt;/a&gt; in &lt;i&gt;Using AWS Identity and Access Management&lt;/i&gt; for more information.&lt;\n@return Returns a reference to this object so that method calls can be chained together."&gt;,

"fluentSetterMethodName" : "arn",


"getterModel" : {
"returnType" : "String",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ARN",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ARN",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterMethodName" : "setArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
"
Identifiers for IAM Entities in Using AWS Identity and Access Management for more information.

```
"simpleType" : "String",
"variableSetterType" : "String",
"xmlNameSpaceUri" : null
```

```
"beanStyleGetterMethodName" : "getCreated",
"beanStyleSetterMethodName" : "setCreated",
"c2jName" : "Created",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress."
```

```
"deprecated" : false,
"documentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
```

```
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "created",
"fluentSetterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
```

```
"getterDocumentation" : "The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
```

```
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
}
```

```
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
```

Open Source Used In Data Center Network Manager 11 11.5(4) 23343
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Created",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Created",
"uri" : false,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Created",
"setterDocumentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>" param created The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.
"setterMethodName" : "setCreated",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "created",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Boolean",
"variableName" : "created",
"variableType" : "Boolean",
"documentation" : "<p>The domain creation status. <code>True</code> if the creation of an Elasticsearch domain is complete. <code>False</code> if domain creation is still in progress.</p>"
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getDeleted",
"beanStyleSetterMethodName" : "setDeleted",
"c2jName" : "Deleted",
"c2jShape" : "Boolean"
The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned.

This is a convenience that creates an instance of the <code>@link Boolean.Builder</code> avoiding the need to create one manually via <code>@link Boolean#builder()</code>. When the <code>@link Consumer</code> completes, <code>@link Boolean.Builder#build()</code> is called immediately and its result is passed to <code>@link deleted(Boolean)</code>. 

When the <code>@link Consumer</code> completes, <code>@link Boolean.Builder#build()</code> is called immediately and its result is passed to <code>@link deleted(Boolean)</code>. 

@see deleted(Boolean)

When the <code>@link Consumer</code> completes, <code>@link Boolean.Builder#build()</code> is called immediately and its result is passed to <code>@link deleted(Boolean)</code>. 

@see deleted(Boolean)

When the <code>@link Consumer</code> completes, <code>@link Boolean.Builder#build()</code> is called immediately and its result is passed to <code>@link deleted(Boolean)</code>. 

@see deleted(Boolean)

When the <code>@link Consumer</code> completes, <code>@link Boolean.Builder#build()</code> is called immediately and its result is passed to <code>@link deleted(Boolean)</code>. 

@see deleted(Boolean)
"statusCode": false,
"unmarshallLocationName": "Deleted",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "Deleted",
"setterDocumentation": "The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned. @param deleted The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned."
,
"setterMethodName": "setDeleted",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "deleted",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "deleted",
  "variableType": "Boolean",
  "documentation": "The domain deletion status. <code>True</code> if a delete request has been received for the domain but resource cleanup is still in progress. <code>False</code> if the domain has not been deleted. Once domain deletion is complete, the status of the domain is no longer returned."
,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
}, {
  "beanStyleGetterMethodName": "getEndpoint",
  "beanStyleSetterMethodName": "setEndpoint",
  "c2jName": "Endpoint",
  "c2jShape": "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation": "The Elasticsearch domain endpoint that you use to submit index and search requests. This is a convenience that creates an instance of the {link String.Builder}
avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String#builder()\} is called immediately and its result is passed to \{@link #endpoint(String)\}.

When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #endpoint(String)\}.

@returns a reference to this object so that method calls can be chained together.

@see #endpoint(String)"

"deprecated" : false,
"documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoint",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>

@returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "endpoint",
"getterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>

@returns The Elasticsearch domain endpoint that you use to submit index and search requests.

©return The Elasticsearch domain endpoint that you use to submit index and search requests.

©return The Elasticsearch domain endpoint that you use to submit index and search requests.

©return The Elasticsearch domain endpoint that you use to submit index and search requests.

©return The Elasticsearch domain endpoint that you use to submit index and search requests.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Endpoint",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Endpoint",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Endpoint",
"params" : {
  "endpoint" : {
    "required" : true,
    "type" : "String",
    "description" : "The Elasticsearch domain endpoint that you use to submit index and search requests.

@returns a reference to this object so that method calls can be chained together.

@see #endpoint(String)"

"deprecated" : false,
"documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoint",
"fluentSetterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>

@returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "endpoint",
"getterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>

@returns The Elasticsearch domain endpoint that you use to submit index and search requests.

©return The Elasticsearch domain endpoint that you use to submit index and search requests.

©return The Elasticsearch domain endpoint that you use to submit index and search requests.

©return The Elasticsearch domain endpoint that you use to submit index and search requests.

©return The Elasticsearch domain endpoint that you use to submit index and search requests.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Endpoint",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Endpoint",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Endpoint",
"setterDocumentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>
@param endpoint The Elasticsearch domain endpoint that you use to submit index and search requests.",

"setterMethodName" : "setEndpoint",
"setterModel" : {

"variableDeclarationType" : "String",
"variableName" : "endpoint",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "String",
"variableName" : "endpoint",
"variableType" : "String",
"documentation" : "<p>The Elasticsearch domain endpoint that you use to submit index and search requests.</p>
"
},

"xmlNameSpaceUri" : null

"defaultConsumerFluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>‘vpc’,vpc-endpoint-h2ds34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com’</code>.</p>

This is a convenience that creates an instance of the {@link Map<String,String>.Builder} avoiding the need to create one manually via {@link Map<String,String>#builder()}. When the {@link Consumer} completes, {@link Map<String,String>.Builder#build()} is called immediately and its result is passed to {@link #endpoints(Map<String,String>)}. Returns a reference to this object so that method calls can be chained together.

@see #endpoints(Map<String,String>)",

"deprecated" : false,

"documentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>‘vpc’,vpc-endpoint-h2ds34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com’</code>.</p>
",

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "endpoints",
"fluentSetterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2sd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>

\n@returns Returns a reference to this object so that method calls can be chained together.
",

"fluentSetterMethodName" : "endpoints",

"getterDocumentation" : "<p>Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2sd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

\n@returns Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example <code>key, value</code>: <code>'vpc','vpc-endpoint-h2sd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>
",

"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Endpoints",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Endpoints",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : true,

"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2JName" : "key",
    "c2JShape" : "String",
  }
}
"defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String.Builder#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #key(String)].

@param key a consumer that will call methods on [@link String.Builder]

@see #key(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "key",
  "fluentSetterDocumentation": "Sets the value of the Key property for this object."
  "@param key The new value for the Key property for this object.
  @return Returns a reference to this object so that method calls can be chained together."
  "fluentSetterMethodName": "key",
  "getterDocumentation": "Returns the value of the Key property for this object.
  @return The value of the Key property for this object."
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "isPayload": false,
    "marshaller": "PAYLOAD",
    "marshallerLocationName": "key",
    "queryString": false,
    "statusCode": false,
    "unmarshallerLocationName": "key",
    "uri": false
  },
  "idempotencyToken": false,
  "isBinary": false,
  "jsonValue": false,
  "list": false,
  "listModel": null,
  "map": false,
  "mapModel": null,
  "marshallingType": "STRING"
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.\n\n@\n@param key The new value for the Key property for this object."
,"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "ServiceUrl",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the {\@link String.Builder} avoiding the need to create one manually via {\@link String#builder()}.\n\nWhen the {\@link Consumer} completes, {\@link String.Builder#build()} is called immediately and its result is passed to {\@link #value(String)}.\n\n@\n@param value a consumer that will call methods on {\@link String.Builder}\n\n@\n@return Returns a reference to this object so that method calls can be chained together.\n\n@\n@see #value(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": "getValue",
  "fluentEnumSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "ServiceUrl",
  "fluentGetterMethodName": "value",
  "fluentSetterDocumentation": "Sets the value of the Value property for this object.\n\n@\n@param value The new value for the Value property for this object.\n\n@\n@return Returns a reference to this object so that method calls can be chained together."
,"fluentSetterMethodName": "value",
}
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.",

"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",

"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.

.setterMethodName" : "setValue",

"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},

"simple" : true,

"timestampFormat" : null,

"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "value",
    "variableType" : "String"
Endpoints

Map containing the Elasticsearch domain endpoints used to submit index and search requests. Example:

```
<code>key, value</code>: <code>'vpc','vpc-endpoint-h2dsd34efgyghrtguk5gt6j2foh4.us-east-1.es.amazonaws.com'</code>.
```

@type java.util.Map<String,String>

setterMethodName: setEndpoints

```
public void setEndpoints(java.util.Map<String,String> endpoints) {
    this.endpoints = endpoints;
}
```

public Map<String,String> getEndpoints() {
    return new java.util.HashMap<>(this.endpoints);
}
#processing(Boolean).\n@returns a reference to this object so that method calls can be chained together.\n
## See Also

* <a href="#processing(Boolean)" target="_blank">processing(Boolean)</a>

"deprecated" : false,
"documentation" : "The status of the Elasticsearch domain configuration. \&lt;code\>True\&lt;/code\> if Amazon Elasticsearch Service is processing configuration changes. \&lt;code\>False\&lt;/code\> if the configuration is active.".
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "processing",
"fluentSetterDocumentation" : "The status of the Elasticsearch domain configuration. \&lt;code\>True\&lt;/code\> if Amazon Elasticsearch Service is processing configuration changes. \&lt;code\>False\&lt;/code\> if the configuration is active.".

### Notes

"getterDocumentation" : "The status of the Elasticsearch domain configuration. \&lt;code\>True\&lt;/code\> if Amazon Elasticsearch Service is processing configuration changes. \&lt;code\>False\&lt;/code\> if the configuration is active.".

### Experimental

"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Processing",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Processing",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Processing",
"setterDocumentation" : "<p>The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.</p>
@param processing The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
"setterMethodName" : "setProcessing",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "processing",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "processing",
  "variableType" : "Boolean",
  "documentation" : "The status of the Elasticsearch domain configuration. <code>True</code> if Amazon Elasticsearch Service is processing configuration changes. <code>False</code> if the configuration is active.",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getUpgradeProcessing",
"beanStyleSetterMethodName" : "setUpgradeProcessing",
"c2jName" : "UpgradeProcessing",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.</p>
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to the caller.

When the consumer completes, the result is passed to the caller.

@see #upgradeProcessing(Boolean)
"deprecated" : false,
"documentation" : "The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeProcessing",
"fluentSetterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.<code></code>

@<p>param upgradeProcessing The status of an Elasticsearch domain version upgrade. 
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.<code></p>@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "upgradeProcessing",
"getterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.<code></p>@return The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.<code></p>

"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeProcessing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeProcessing",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.<code></p>

@<p>param upgradeProcessing The status of an Elasticsearch domain version upgrade. 
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.<code></p>@return Returns a reference to this object so that method calls can be chained together."

"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeProcessing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeProcessing",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpgradeProcessing",
"setterDocumentation" : "<p>The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.<code></p>

@<p>param upgradeProcessing The status of an Elasticsearch domain version upgrade. 
<code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.<code></p>@return Returns a reference to this object so that method calls can be chained together."

"setterMethodName" : "setUpgradeProcessing",
"setterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeProcessing",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeProcessing",
"uri" : false
}
"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "upgradeProcessing",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "upgradeProcessing",
    "variableType" : "Boolean",
    "documentation" : "The status of an Elasticsearch domain version upgrade. <code>True</code> if Amazon Elasticsearch Service is undergoing a version upgrade. <code>False</code> if the configuration is active.
    ",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",
"setterDocumentation" : "Sets the value of the ElasticsearchVersion property for this object.\n\n@param

elasticsearchVersion The new value for the ElasticsearchVersion property for this object.\n",
"setterMethodName" : "setElasticsearchVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchVersion",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
}
This is a convenience that creates an instance of the ElasticsearchClusterConfig.Builder avoiding the need to create one manually via ElasticsearchClusterConfig.builder().

When the Consumer completes, ElasticsearchClusterConfig.Builder.build() is called immediately and its result is passed to ElasticsearchClusterConfig.ElasticsearchClusterConfig.ElasticsearchClusterConfig() a consumer that will call methods on ElasticsearchClusterConfig.Builder

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchClusterConfig.ElasticsearchClusterConfig(ElasticsearchClusterConfig)

"deprecated": false,
"documentation": "The type and number of instances in the domain cluster.

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "elasticsearchClusterConfig",
"fluentSetterDocumentation": "The type and number of instances in the domain cluster.\n
@param ElasticsearchClusterConfig.ElasticsearchClusterConfig The type and number of instances in the domain cluster.\n
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName": "elasticsearchClusterConfig",
"getterDocumentation": "The type and number of instances in the domain cluster.\n
@return The type and number of instances in the domain cluster.

"getterModel": {
"returnType": "ElasticsearchClusterConfig",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ElasticsearchClusterConfig",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ElasticsearchClusterConfig",
"uri": false
The type and number of instances in the domain cluster.

@example
def create_domain(name, instance_type, allocated_storage):
    
    # Create an instance of the domain
    domain = Domain(name, instance_type, allocated_storage)
    
    # Create an instance of the domain configuration
    domain_config = DomainConfig()
    
    # Configure the Elasticsearch cluster
    domain_config.elasticsearch_cluster_config = ElasticsearchClusterConfig()
    
    # Configure the EBS options
    domain_config.ebs_options = EBSOptions()
    
    # Create the domain
    domain.create()

@see
```
ElasticsearchClusterConfig:

- idempotencyToken (bool): False
- isBinary (bool): False
- jsonValue (bool): False
- list (list): False
- listModel (list): None
- map (dict): False
- mapModel (dict): None
- marshallingType (str): "SDK_POJO"
- name (str): "ElasticsearchClusterConfig"
- setterDocumentation (str): "The type and number of instances in the domain cluster."
- setterMethodName (str): "setElasticsearchClusterConfig"
- setterModel (ElasticsearchClusterConfig): None
- simple (bool): False
- timestampFormat (str): None
- variable (ElasticsearchClusterConfig): None
- xmlNameSpaceUri (str): None

EBSOptions:

- beanStyleGetterMethodName (str): "getEbsOptions"
- beanStyleSetterMethodName (str): "setEbsOptions"
- c2jName (str): "EBSOptions"
- c2jShape (str): "EBSOptions"
- defaultConsumerFluentSetterDocumentation (str): "This is a convenience that creates an instance of the EBSOptions.Builder avoiding the need to create one manually via EBSOptions#builder(). When the Consumer completes, EBSOptions.Builder#build() is called immediately and its result is passed to the client.

@see
```
ElasticsearchClusterConfig:

- idempotencyToken (bool): False
- isBinary (bool): False
- jsonValue (bool): False
- list (list): False
- listModel (list): None
- map (dict): False
- mapModel (dict): None
- marshallingType (str): "SDK_POJO"
- name (str): "ElasticsearchClusterConfig"
- setterDocumentation (str): "The type and number of instances in the domain cluster."
- setterMethodName (str): "setElasticsearchClusterConfig"
- setterModel (ElasticsearchClusterConfig): None
- simple (bool): False
- timestampFormat (str): None
- variable (ElasticsearchClusterConfig): None
- xmlNameSpaceUri (str): None

EBSOptions:

- beanStyleGetterMethodName (str): "getEbsOptions"
- beanStyleSetterMethodName (str): "setEbsOptions"
- c2jName (str): "EBSOptions"
- c2jShape (str): "EBSOptions"
- defaultConsumerFluentSetterDocumentation (str): "This is a convenience that creates an instance of the EBSOptions.Builder avoiding the need to create one manually via EBSOptions#builder(). When the Consumer completes, EBSOptions.Builder#build() is called immediately and its result is passed to the client.

@see
```

Configuring EBS-based Storage


- `<return Returns a reference to this object so that method calls can be chained together.`

- `<getterDocumentation`: 

- `<getterModel`: 
  - `<returnType`: 
    - `<EBSOptions`
  
- `<http`: 
  - `<additionalMarshallingPath`: 
    - `<null`
  
- `<additionalUnmarshallingPath`: 
  - `<null`
  
- `<flattened`: 
  - `<false`
  
- `<greedy`: 
  - `<false`
  
- `<header`: 
  - `<false`
  
- `<isPayload`: 
  - `<false`
  
- `<isStreaming`: 
  - `<false`
  
- `<location`: 
  - `<false`
  
- `<marshallLocation`: 
  - `<PAYLOAD`
  
- `<marshallLocationName`: 
  - `<EBSOptions`
  
- `<queryString`: 
  - `<false`
  
- `<statusCode`: 
  - `<false`
  
- `<unmarshallLocationName`: 
  - `<EBSOptions`
  
- `<uri`: 
  - `<false`

- `<idempotencyToken`: 
  - `<false`

- `<isBinary`: 
  - `<false`

- `<jsonValue`: 
  - `<false`

- `<list`: 
  - `<false`

- `<listModel`: 
  - `<null`

- `<map`: 
  - `<false`

- `<return`: 
  - `<null`

- `<null`

@param ebsOptions The <code>EBSOptions</code> for the specified domain. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-ebs" target="_blank">Configuring EBS-based Storage</a> for more information.",

"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder}.\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link accessPolicies(String)}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #accessPolicies(String),
"deprecated" : false,
"documentation" : "IAM access policy as a JSON-formatted string.\n","enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p> IAM access policy as a JSON-formatted string.\n@param accessPolicies IAM access policy as a JSON-formatted string.\n@return Returns a reference to this object so that method calls can be chained together.".
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p> IAM access policy as a JSON-formatted string.\n@return IAM access policy as a JSON-formatted string."
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "AccessPolicies",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "AccessPolicies",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p> IAM access policy as a JSON-formatted string.\n@param accessPolicies IAM access policy as a JSON-formatted string.\n@return IAM access policy as a JSON-formatted string."
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "accessPolicies",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String" },
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "accessPolicies",
  "variableType": "String",
  "documentation": "<p> IAM access policy as a JSON-formatted string. </p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlnsNameSpaceUri": null
},

"beanStyleGetterMethodName": "getSnapshotOptions",
"beanStyleSetterMethodName": "setSnapshotOptions",
"c2jName": "SnapshotOptions",
"c2jShape": "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation": "<p> Specifies the status of the <code>SnapshotOptions</code> </p>",
@link
SnapshotOptions.Builder] avoiding the need to create one manually via { @link
SnapshotOptions#builder() }. When the { @link Consumer } completes, { @link
SnapshotOptions.Builder#build() } is called immediately and its result is passed to { @link
#snapshotOptions(SnapshotOptions) }. @param snapshotOptions a consumer that will call methods on { @link
SnapshotOptions.Builder] @return Returns a reference to this object so that method calls can be chained
together. @see #snapshotOptions(SnapshotOptions)",
"deprecated": false,
"documentation": "<p> Specifies the status of the <code>SnapshotOptions</code> </p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "snapshotOptions",
"fluentSetterDocumentation": "<p> Specifies the status of the <code>SnapshotOptions</code> </p>",
@param snapshotOptions Specifies the status of the <code>SnapshotOptions</code> @return Returns a reference to this object so that method calls can be chained
together.",
"getterDocumentation": "<p> Specifies the status of the <code>SnapshotOptions</code> </p>",
"getterModel": {
  "returnType": "SnapshotOptions",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "SnapshotOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code></p>
</p><p>@param
snapshotOptions Specifies the status of the <code>SnapshotOptions</code></p>",
"setterMethodName" : "setSnapshotOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "snapshotOptions",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Specifies the status of the <code>SnapshotOptions</code></p>
"simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getVpcOptions",
"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCDerivedInfo",
"defaultConsumerFluentSetterDocumentation" : "<p>The <code>VPCOptions</code> for the specified domain. For more information, see <a href=",
http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
VPC Endpoints for Amazon Elasticsearch Service Domains

This is a convenience that creates an instance of the [VPCDerivedInfo.Builder](#) avoiding the need to create one manually via [VPCDerivedInfo#builder()](#). When the [Consumer](#) completes, [VPCDerivedInfo.Builder#build()](#) is called immediately and its result is passed to [VPCOptions(VPCDerivedInfo)](#). Returns a reference to this object so that method calls can be chained together.

```

@see #vpcOptions(VPCDerivedInfo)
```

```
"unmarshalLocationName" : "VPCOptions",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
@param vpcOptions The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfo",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "vpcOptions",
  "variableType" : "VPCDerivedInfo",
  "documentation" : "The <code>VPCOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.
"variableSetterType" : "VPCDerivedInfo"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for"
This is a convenience that creates an instance of the {@link CognitoOptions.Builder} avoiding the need to create one manually via {@link CognitoOptions#builder()}. When the {@link Consumer} completes, {@link CognitoOptions.Builder#build()} is called immediately and its result is passed to {@link CognitoOptions(CognitoOptions)}. Retruns a reference to this object so that method calls can be chained together.

This is a convenience that creates an instance of the {@link CognitoOptions.Builder} avoiding the need to create one manually via {@link CognitoOptions#builder()}. When the {@link Consumer} completes, {@link CognitoOptions.Builder#build()} is called immediately and its result is passed to {@link CognitoOptions(CognitoOptions)}. Retruns a reference to this object so that method calls can be chained together.

@see #cognitoOptions(CognitoOptions)

### Documentation

The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

### Code Example

```java
CognitoOptions cognitoOptions = new CognitoOptions();
```

### Getters and Setters

- **getter**
  - Name: `cognitoOptions`
  - Return Type: `CognitoOptions`

- **setter**
  - Name: `cognitoOptions`

### Properties

- `cognitoOptions`
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
@param cognitoOptions The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : "The <code>CognitoOptions</code> for the specified domain. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>
," simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"xmlNameSpaceUri" : null
}, { 
  "beanStyleGetterMethodName" : "getEncryptionAtRestOptions",
  "beanStyleSetterMethodName" : "setEncryptionAtRestOptions",
  "c2jName" : "EncryptionAtRestOptions",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "Specifies the status of the <code>EncryptionAtRestOptions</code>. This is a convenience that creates an instance of the {@link EncryptionAtRestOptions.Builder} avoiding the need to create one manually via {@link EncryptionAtRestOptions.Builder}. When the {@link Consumer} completes, {"link"}
EncryptionAtRestOptions.Builder#build() is called immediately and its result is passed to [link EncryptionAtRestOptions(EncryptionAtRestOptions)].

@tag

@link EncryptionAtRestOptions.Builder

@tag

return

Returns a reference to this object so that method calls can be chained together.

@tag

see #encryptionAtRestOptions(EncryptionAtRestOptions)

"deprecated" : false,
"documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>. </p>",
"enumType" : null,
"header" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "encryptionAtRestOptions",
"fluentSetterDocumentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>. </p>

@param encryptionAtRestOptions a consumer that will call methods on <link EncryptionAtRestOptions.Builder">

@return Returns a reference to this object so that method calls can be chained together.

@tag

see #encryptionAtRestOptions(EncryptionAtRestOptions)

"description" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>. </p>

@param encryptionAtRestOptions Specifies the status of the <code>EncryptionAtRestOptions</code>. 

@return Specifies the status of the <code>EncryptionAtRestOptions</code>.

getterModel" : {
  "returnType" : "EncryptionAtRestOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "EncryptionAtRestOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "EncryptionAtRestOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO";
"name" : "EncryptionAtRestOptions",
"setterDocumentation" : "<p> Specifies the status of the 
<code>EncryptionAtRestOptions</code>.</p>
@param encryptionAtRestOptions Specifies the status of the 
<code>EncryptionAtRestOptions</code>.
"setterMethodName" : "setEncryptionAtRestOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : "<p> Specifies the status of the <code>EncryptionAtRestOptions</code>.</p>
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"xmlnsNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNodeToNodeEncryptionOptions",
"beanStyleSetterMethodName" : "setNodeToNodeEncryptionOptions",
"c2jName" : "NodeToNodeEncryptionOptions",
"c2jShape" : "NodeToNodeEncryptionOptions",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the 
<code>NodeToNodeEncryptionOptions</code>.

This is a convenience that creates an instance of the \{@link 
NodeToNodeEncryptionOptions.Builder\} avoiding the need to create one manually via \{@link 
NodeToNodeEncryptionOptions#builder()\} when the \{@link Consumer\} completes, \{@link 
NodeToNodeEncryptionOptions.Builder#build()\} is called immediately and its result is passed to \{@link 
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)\}: \n@param nodeToNodeEncryptionOptions a consumer that will call methods on \{@link 
NodeToNodeEncryptionOptions.Builder\} \n@return Returns a reference to this object so that method calls can be chained together.\n@see 
#nodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions)\}.
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the 
<code>NodeToNodeEncryptionOptions</code>.\n".
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nodeToNodeEncryptionOptions",
  "fluentSetterDocumentation" : "<p> Specifies the status of the 
<code>NodeToNodeEncryptionOptions</code>.\n".
  \n@param nodeToNodeEncryptionOptions Specifies the status \n"}
of the `<code>NodeToNodeEncryptionOptions</code>`.

```java
public NodeToNodeEncryptionOptions getNodeToNodeEncryptionOptions() {
    return nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
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    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

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public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
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    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
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    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
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    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
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    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
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}
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```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```

```java
public void setNodeToNodeEncryptionOptions(NodeToNodeEncryptionOptions nodeToNodeEncryptionOptions) {
    this.nodeToNodeEncryptionOptions = nodeToNodeEncryptionOptions;
}
```
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "nodeToNodeEncryptionOptions",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the status of the <code>NodeToNodeEncryptionOptions</code>.</p>",
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri" : null
},
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
This is a convenience that creates an instance of the { @link Map<String,String>.Builder} avoiding the need to create one manually via { @link Map<String,String>#builder()}. When the { @link Consumer} completes, { @link Map<String,String>.Builder#build()} is called immediately and its result is passed to { @link #advancedOptions(Map<String,String>)} a consumer that will call methods on { @link Map<String,String>.Builder}.

@see #advancedOptions(Map<String,String>)
@return Returns a reference to this object so that method calls can be chained together.
@deprecated
@since 11
@deprecated
"documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
@param advancedOptions Specifies the status of the <code>AdvancedOptions</code>
@return Returns a reference to this object so that method calls can be chained together.
@deprecated
"fluentSetterMethodName" : "advancedOptions",
"getterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
@param attempts to modify the collection returned by this method will result in an UnsupportedOperationExce
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
    "implType" : "java.util.HashMap",
    "interfaceType" : "java.util.Map",
    "keyLocationName" : "key",
    "keyModel" : {
        "beanStyleGetterMethodName" : "getKey",
        "beanStyleSetterMethodName" : "setKey",
        "c2jName" : "key",
        "c2jShape" : "String",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}.@param key a consumer that will call methods on
{ @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object.
The new value for the Key property for this object.@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object.@return The value of the Key property for this object.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    }
}
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"xmlNameSpaceUri" : null
'valueLocationName" : "value",
"valueModel" : {
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "value",
"c2jShape" : "String",
"defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link #value(String)}. @param value a consumer that will call methods on
{@link String.Builder}@return Returns a reference to this object so that method calls can be chained

@see #value(String)",
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"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.
The new value for the Value property for this object.
@return Returns a reference to this object so that method calls can be chained

"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.
@return The value of the
Value property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
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  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>
\n@param advancedOptions Specifies the status of the <code>AdvancedOptions</code>\",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.Map<String,String>",
"variableName" : "advancedOptions",
"variableType" : "java.util.Map<String,String>",
"documentation" : "<p>Specifies the status of the <code>AdvancedOptions</code></p>",
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
This is a convenience that creates an instance of the { @link Map<String,LogPublishingOption>.Builder} avoiding the need to create one manually via { @link Map<String,LogPublishingOption>#builder()}. When the { @link Consumer} completes, { @link Map<String,LogPublishingOption>.Builder#build()} is called immediately and its result is passed to { @link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)}. param logPublishingOptions a consumer that will call methods on { @link Map<String,LogPublishingOption>.Builder} \n@returns Returns a reference to this object so that method calls can be chained together. @see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "<p>Log publishing options for the given domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "<p>Log publishing options for the given domain.</p>
@param logPublishingOptions Log publishing options for the given domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Log publishing options for the given domain.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
"@returns Log publishing options for the given domain.",
"getterModel" : {
"returnType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
{@link LogType#keyAs(String)}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n"@see #key(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "key",
  "fluentEnumSetterMethodName" : "key",
  "fluentGetterMethodName" : "keyAsString",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis new value for the Key property for this object.\n@see LogType.\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see LogType",
  "fluentSetterMethodName" : "key",
  "getterDocumentation" : "Returns the value of the Key property for this object.\n\nIf the service returns an enum value that is not available in the current SDK version, {@link #key} will return
{@link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from
{@link LogType#keyAsString}.\n\n@return The value of the Key property for this object.\n@see LogType",
  "getterModel" : {
}
"returnType" : "String",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.\n
@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
"xmlNameSpaceUri" : null,
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\nThis is a convenience that creates an instance of the \{@link LogPublishingOption.Builder\} avoiding the need to create one manually via \{\@link LogPublishingOption.Builder\}.\nWhen the \{\@link Consumer\} completes, \{\@link LogPublishingOption.Builder#build()\} is called immediately and its result is passed to \{\@link #value(LogPublishingOption)\}.\n@param value a consumer that will call methods on \{\@link LogPublishingOption.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\nThe new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together."
,
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n@return The value of the Value property for this object."
,
  "getterModel" : {
    "returnType" : "LogPublishingOption",
    "documentation" : null
  }
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value"}
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@override
@param type The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null,
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "LogPublishingOptions",
"setterDocumentation" : "Log publishing options for the given domain.

@override
@param LogPublishingOptions logPublishingOptions Log publishing options for the given domain.",
"setterMethodName" : "setLogPublishingOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>"
}
"variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>Log publishing options for the given domain.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
  "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
  "c2jName" : "ServiceSoftwareOptions",
  "c2jShape" : "ServiceSoftwareOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>

This is a convenience that creates an instance of the { [@link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via { [@link ServiceSoftwareOptions#builder()].

When the { [@link Consumer} completes, { [@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to { [@link #serviceSoftwareOptions(ServiceSoftwareOptions)}.

@param serviceSoftwareOptions a consumer that will call methods on { [@link ServiceSoftwareOptions.Builder]}.

@returns Returns a reference to this object so that method calls can be chained together.

see #serviceSoftwareOptions(ServiceSoftwareOptions)
", "deprecated" : false,
  "documentation" : "<p>The current status of the Elasticsearch domain's service software.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "serviceSoftwareOptions",
  "fluentSetterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "serviceSoftwareOptions",
  "getterDocumentation" : "<p>The current status of the Elasticsearch domain's service software.</p>

@returns Returns The current status of the Elasticsearch domain's service software.
",
  "getterModel" : {
    "returnType" : "ServiceSoftwareOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ServiceSoftwareOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "The current status of the Elasticsearch domain's service software.

@param serviceSoftwareOptions The current status of the Elasticsearch domain's service software.


@method setServiceSoftwareOptions"
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
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"variableName" : "serviceSoftwareOptions",
"variableType" : "ServiceSoftwareOptions",
"documentation" : null,
"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
}
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "ServiceSoftwareOptions",
"variableName" : "serviceSoftwareOptions",
"variableType" : "ServiceSoftwareOptions",
"documentation" : "The current status of the Elasticsearch domain's service software.

"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
},
"xmlnsNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainId", "DomainName", "ARN", "ElasticsearchClusterConfig" ],
"shapeName" : "ElasticsearchDomainStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainStatus",
  "variableName" : "elasticsearchDomainStatus",
  "variableType" : "ElasticsearchDomainStatus",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainStatus",
  "variableSetterType" : "ElasticsearchDomainStatus"
},
"wrapper" : false
},
"ElasticsearchVersionStatus" : {
  "c2jName" : "ElasticsearchVersionStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
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  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "marshaller" : null,
  "members" : [
    {
      "beanStyleGetterMethodName" : "getOptions",
      "beanStyleSetterMethodName" : "setOptions",
      "c2jName" : "Options",
      "c2jShape" : "ElasticsearchVersionString",
      "defaultConsumerFluentSetterDocumentation" : "Specifies the Elasticsearch version for the specified Elasticsearch domain.
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, @link String.Builder#build() is called immediately and its result is passed to @link String#options(String). @param options a consumer that will call methods on @link String.Builder\n@return Returns a reference to this object so that method calls can be chained together.@see #options(String)"
    }
  ],
  "deprecated" : false,
"documentation" : 
"<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : 
"<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
"@param options Specifies the Elasticsearch version for the specified Elasticsearch domain."
"@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : 
"<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
"@return Specifies the Elasticsearch version for the specified Elasticsearch domain.",
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "Options",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "Options",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",
"setterDocumentation" : 
"<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>
"@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "options",
}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "options",
  "variableType" : "String",
  "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link OptionStatus.Builder#status(OptionStatus)}.
@param status a consumer that will call methods on {@link OptionStatus.Builder}
@returns a reference to this object so that method calls can be chained
  together.
@see #status(OptionStatus)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "status",
  "fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
@returns a reference to this object so that method calls can be chained
together.
@see #status(OptionStatus)",
  "getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
@returns the status of the Elasticsearch version options for the specified Elasticsearch domain.
@returns the status of the Elasticsearch version options for the specified Elasticsearch domain.
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Status",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Status",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p>Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.",
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": "<p>Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"xmlnsSpaceUri" : null
},
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultValueConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the {@link FluentConsumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #options(String)}.
\n@see #options(String),
"deprecated" : false,
"documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>" ,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. </p>\n@return Specifies the Elasticsearch version for the specified Elasticsearch domain.
"returnType" : "String",
"documentation" : null
}
,"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
}.
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>
@param options Specifies the Elasticsearch version for the specified Elasticsearch domain.
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "options",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "options",
  "variableType" : "String",
  "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>
"simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "OptionStatus",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link OptionStatus.Builder } avoiding the need to create one manually via { @link OptionStatus#builder() }.
When the { @link Consumer } completes, { @link OptionStatus.Builder#build() } is called immediately and its result is passed to { @link OptionStatus.Builder#status(OptionStatus) }.
@param status a consumer that will call methods on { @link OptionStatus.Builder }.
@return Returns a reference to this object so that method calls can be chained together.
@see #status(OptionStatus)
"deprecated" : false,
"documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.\n@param status Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.\n".
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.\n@return Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.\n@param status Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.\n@return Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
}
"variableType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the Elasticsearch version options for the specified Elasticsearch domain.</p>"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #options(String)].

When the @param options a consumer that will call methods on [@link String.Builder]@return Returns a reference to this object so that method calls can be chained together.@see #options(String)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>"
}" @param options Specifies the Elasticsearch version for the specified Elasticsearch domain.@return Returns a reference to this object so that method calls can be chained together."},
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p> Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>"
}" @return Specifies the Elasticsearch version for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
},
"http": {  
  "additionalMarshallingPath": null,  
  "additionalUnmarshallingPath": null,  
  "flattened": false,  
  "greedy": false,  
  "header": false,  
  "isPayload": false,  
  "isStreaming": false,  
  "location": null,  
  "marshallLocation": "PAYLOAD",  
  "marshallLocationName": "Options",  
  "queryString": false,  
  "statusCode": false,  
  "unmarshallLocationName": "Options",  
  "uri": false  
},  
"idempotencyToken": false,  
"isBinary": false,  
"jsonValue": false,  
"list": false,  
"listModel": null,  
"map": false,  
"mapModel": null,  
"marshallingType": "STRING",  
"name": "Options",  
"setterDocumentation": "<p>Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>\n@param options Specifies the Elasticsearch version for the specified Elasticsearch domain." ,  
"setterMethodName": "setOptions",  
"setterModel": {  
  "variableDeclarationType": "String",  
  "variableName": "options",  
  "variableType": "String",  
  "documentation": null,  
  "simpleType": "String",  
  "variableSetterType": "String"  
},  
"simple": true,  
"timestampFormat": null,  
"variable": {  
  "variableDeclarationType": "String",  
  "variableName": "options",  
  "variableType": "String",  
  "documentation": "<p>Specifies the Elasticsearch version for the specified Elasticsearch domain.</p>\n"  
  "simpleType": "String",  
  "variableSetterType": "String"  
},  
"xmlNameSpaceUri": null  
},
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link status(OptionStatus)}.

When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link status(OptionStatus)}.
@param status a consumer that will call methods on { @link OptionStatus.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #status(OptionStatus)
",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.</p>
@return Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain.
",
"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. </p>
@param status Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. 
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": "<p> Specifies the status of the Elasticsearch version options for the specified Elasticsearch domain. </p>
",
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": ["Options", "Status"],
"shapeName": "ElasticsearchVersionStatus",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "ElasticsearchVersionStatus",
  "variableName": "elasticsearchVersionStatus",
  "variableType": "ElasticsearchVersionStatus",
  "documentation": null,
  "simpleType": "ElasticsearchVersionStatus"
"variableSetterType" : "ElasticsearchVersionStatus"
},
"wrapper" : false
},
"EncryptionAtRestOptions" : {
"c2jName" : "EncryptionAtRestOptions",
"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Specifies the Encryption At Rest Options.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [ {
 "beanStyleGetterMethodName" : "getEnabled",
 "beanStyleSetterMethodName" : "setEnabled",
 "c2jName" : "Enabled",
 "c2jShape" : "Boolean",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.\n\nThis is a convenience that creates an instance of the { @link Boolean.Builder} avoiding the need to create one manually via \{ @link Boolean#builder()\}.\nWhen the \{ @link Consumer} completes, \{ @link Boolean.Builder#build()\} is called immediately and its result is passed to \{ @link enabled(Boolean)\}.\n\n@param enabled a consumer that will call methods on \{ @link Boolean.Builder\}\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #enabled(Boolean)\n\n", "deprecated" : false,
 "documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "enabled",
 "fluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n",}
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>
@return Specifies the option to enable Encryption At Rest.",

"getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Enabled",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Enabled",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>
@param enabled Specifies the option to enable Encryption At Rest.",

"setterMethodName" : "setEnabled",

"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "enabled",
    "variableName" : "enabled"}
"variableType" : "Boolean",
"documentation" : "<p>Specifies the option to enable Encryption At Rest.</p>",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getKmsKeyId",
"beanStyleSetterMethodName" : "setKmsKeyId",
"c2jName" : "KmsKeyId",
"c2jShape" : "KmsKeyId",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #kmsKeyId(String)}. @param kmsKeyId a consumer that will call methods on { @link String.Builder} @return Returns a reference to this object so that method calls can be chained together. @see #kmsKeyId(String)",
"deprecated" : false,
"documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "kmsKeyId",
"fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #kmsKeyId(String)}. @param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options. @return Returns a reference to this object so that method calls can be chained together. ",
"fluentSetterMethodName" : "kmsKeyId",
"getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>

Specifies the KMS Key ID for Encryption At Rest options.",
"getModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "KmsKeyId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "KmsKeyId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "KmsKeyId",
"setterDocumentation" : "<p>Specifies the KMS Key ID for Encryption At Rest options.</p>
@<p>param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.
</p>
"setterMethodName" : "setKmsKeyId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
  "Enabled" : {
    "beanStyleGetterMethodName" : "getEnabled",
    "beanStyleSetterMethodName" : "setEnabled",
    "c2jName" : "Enabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.</p>
This is a convenience that creates an instance of the { @link Boolean.Builder } avoiding the need to create one manually via { @link Boolean#builder() }. When the { @link Consumer } completes, { @link Boolean.Builder#build() } is called immediately and its result is passed to { @link #enabled(Boolean) }. Returns a reference to this object so that method calls can be chained together.
@<p>param
enabled enabled a consumer that will call methods on { @link Boolean.Builder }.
@return Returns a reference to this object so that method calls can be chained together.

@see #enabled(Boolean)
", "deprecated" : false,
"documentation": "<p>Specifies the option to enable Encryption At Rest.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "enabled",
"fluentSetterDocumentation": "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled Specifies the option to enable Encryption At Rest.<p>@return Returns a reference to this object so that method calls can be chained together.</p>",
"fluentSetterMethodName": "enabled",
"getterDocumentation": "<p>Specifies the option to enable Encryption At Rest.</p>\n@return Specifies the option to enable Encryption At Rest.",
"getterModel": {
  "returnType": "Boolean",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Enabled",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Enabled",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "Enabled",
"setterDocumentation": "<p>Specifies the option to enable Encryption At Rest.</p>\n@param enabled Specifies the option to enable Encryption At Rest.<p>@return Returns a reference to this object so that method calls can be chained together.</p>",
"setterMethodName": "setEnabled",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "enabled",}
"variableType": "Boolean",
"documentation": null,
"simpleType": "Boolean",
"variableSetterType": "Boolean"
],
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"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "enabled",
  "variableType": "Boolean",
  "documentation": "<p>Specifies the option to enable Encryption At Rest.</p>",
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"xmlnsNameSpaceUri": null
},
"KmsKeyId": {
  "beanStyleGetterMethodName": "getKmsKeyId",
  "beanStyleSetterMethodName": "setKmsKeyId",
  "c2jName": "KmsKeyId",
  "c2jShape": "KmsKeyId",
  "defaultConsumerFluentSetterDocumentation": "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String.Builder#builder()}. When the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link KmsKeyId(String)}. @param
kmsKeyId a consumer that will call methods on { @link String.Builder} @return Returns a reference to this object
so that method calls can be chained together. @see #kmsKeyId(String)",
  "deprecated": false,
  "documentation": "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "kmsKeyId",
  "fluentSetterDocumentation": "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>
@returns the KMS Key ID for Encryption At Rest options so that method calls can be chained together.",
  "fluentSetterMethodName": "kmsKeyId",
  "getterDocumentation": "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>
@returns the KMS Key ID for Encryption At Rest options so that method calls can be chained together.",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "KmsKeyId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "KmsKeyId",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "KmsKeyId",
"setterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>
@param
kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.",
"setterMethodName" : "setKmsKeyId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName": "getEnabled",
"beanStyleSetterMethodName": "setEnabled",
"c2jName": "Enabled",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the option to enable Encryption At Rest.
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #enabled(Boolean)}. @param enabled a consumer that will call methods on {@link Boolean.Builder} @return Returns a reference to this object so that method calls can be chained together. @see #enabled(Boolean)",
"deprecated": false,
"documentation": "<p>Specifies the option to enable Encryption At Rest.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "enabled",
"fluentSetterDocumentation": "<p>Specifies the option to enable Encryption At Rest.</p>
@param enabled Specifies the option to enable Encryption At Rest.
@return Returns a reference to this object so that method calls can be chained together."
,"fluentSetterMethodName": "enabled",
"getterDocumentation": "<p>Specifies the option to enable Encryption At Rest.</p>"
,"getterModel": {
"returnType": "Boolean",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Enabled",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Enabled",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specifies the option to enable Encryption At Rest.
@paraenabled Specifies the option to enable Encryption At Rest.
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specifies the option to enable Encryption At Rest.
"simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getKmsKeyId",
"beanStyleSetterMethodName" : "setKmsKeyId",
"c2jName" : "KmsKeyId",
"c2jShape" : "KmsKeyId",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.
@link String.Builder\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #kmsKeyId(String)}.\n@param kmsKeyId a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #kmsKeyId(String)",
"deprecated" : false,
"documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "kmsKeyId",
"fluentSetterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.\n@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.\n@return Returns a reference to this object so
that method calls can be chained together.

"fluentSetterMethodId" : "kmsKeyId",
"getterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>

getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "KmsKeyId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "KmsKeyId",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "KmsKeyId",
"setterDocumentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>

@param kmsKeyId Specifies the KMS Key ID for Encryption At Rest options.

setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "kmsKeyId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
}
"variableName" : "kmsKeyId",
"variableType" : "String",
"documentation" : "<p> Specifies the KMS Key ID for Encryption At Rest options.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
] },
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "EncryptionAtRestOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "encryptionAtRestOptions",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
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"wrapper" : false
},
"EncryptionAtRestOptionsStatus" : {
  "c2jName" : "EncryptionAtRestOptionsStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Status of the Encryption At Rest options for the specified Elasticsearch domain.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>
  "@link EncryptionAtRestOptions.Builder()". When the ConcurrentConsumer completes, @link EncryptionAtRestOptions.Builder#build() is called immediately and its result is passed to @link EncryptionAtRestOptions.Builder#options(EncryptionAtRestOptions)\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #options(EncryptionAtRestOptions)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>
  "@link EncryptionAtRestOptions#builder()". When the ConcurrentConsumer completes, @link EncryptionAtRestOptions.Builder#build() is called immediately and its result is passed to @link EncryptionAtRestOptions.Builder#options(EncryptionAtRestOptions)\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #options(EncryptionAtRestOptions)",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>
  @param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.\n  @return Specifies the Encryption At Rest options for the specified Elasticsearch domain.\n  @getters \n  @return Specifies the Encryption At Rest options for the specified Elasticsearch domain.\n  @getters",
  "getterModel" : { "returnType" : "EncryptionAtRestOptions", "documentation" : null },
  "http" : { "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  }
}]}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Options",
"setterDocumentation": "\n<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
"setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "EncryptionAtRestOptions",
  "variableName": "options",
  "variableType": "EncryptionAtRestOptions",
  "documentation": null,
  "simpleType": "EncryptionAtRestOptions",
  "variableSetterType": "EncryptionAtRestOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "EncryptionAtRestOptions",
  "variableName": "options",
  "variableType": "EncryptionAtRestOptions",
  "documentation": "\n<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>\n@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
  "simpleType": "EncryptionAtRestOptions",
  "variableSetterType": "EncryptionAtRestOptions"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getStatus",
"beanStyleSetterMethodName": "setStatus",
"c2jName": "Status",
"c2jShape": "OptionStatus",
"defaultConsumerFluentSetterDocumentation": "\n<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. </p>\nThis is a convenience that creates an instance of the \n{@link OptionStatus.Builder} avoiding the need to create one manually via \n{@link OptionStatus#builder()}. \nWhen the \n{@link Consumer} completes, \n{@link OptionStatus.Builder#build()} is called immediately and its result is passed to \n{@link OptionStatus.Builder#status(OptionStatus)}. \n@param status a consumer that will call methods on \n{@link OptionStatus.Builder}\n@returns a reference to this object so that method calls can be chained together. \n@see \n#status(OptionStatus)",
"deprecated": false,
"documentation": "\n<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. </p>\n"enumType": null,
"eventHeader": false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\n@p>\n@param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.\n"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\n@return Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\n"getterModel" : {  
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\n@p>\n@param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.\n"setterMethodName" : "setStatus",
"setterModel" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus"
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. </p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
"Options" : {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "EncryptionAtRestOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>
This is a convenience that creates an instance of the { @link EncryptionAtRestOptions.Builder} avoiding the need to create one manually via { @link EncryptionAtRestOptions#builder()}. When the { @link Consumer} completes, { @link EncryptionAtRestOptions.Builder#build()} is called immediately and its result is passed to { @link EncryptionAtRestOptions#options(EncryptionAtRestOptions)}.<p>@param options a consumer that will call methods on { @link EncryptionAtRestOptions.Builder} and return Returns a reference to this object so that method calls can be chained together.<p>@see #options(EncryptionAtRestOptions)"
,
  "deprecated" : false,
  "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>
@returns a reference to this object so that method calls can be chained together.
",
  "getterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>
@returns the Encryption At Rest options for the specified Elasticsearch domain.
",
  "getterModel" : {
    "returnType" : "EncryptionAtRestOptions",
    "documentation" : null
  }
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Options",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Options",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Options",
"setterDocumentation": "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>
@param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
"setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "EncryptionAtRestOptions",
  "variableName": "options",
  "variableType": "EncryptionAtRestOptions",
  "documentation": null,
  "simpleType": "EncryptionAtRestOptions",
  "variableSetterType": "EncryptionAtRestOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "EncryptionAtRestOptions",
  "variableName": "options",
  "variableType": "EncryptionAtRestOptions",
  "documentation": "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain. </p>",
  "simpleType": "EncryptionAtRestOptions",
  "variableSetterType": "EncryptionAtRestOptions"
},
"xmlNameSpaceUri" : null
},
"Status" : {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>

This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.

When the consumer completes, the result is passed to { @link #status(OptionStatus)}.

@see @link #status(OptionStatus)
"deprecated" : false,
"documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>

@see @link #status(OptionStatus)
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>

@see @link #status(OptionStatus)
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "unmarshallLocationName" : null
},
"setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>

@see @link #status(OptionStatus)
"setterGetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>

@see @link #status(OptionStatus)
"setterMethodLocation" : "PAYLOAD",
"setterMethodLocationName" : "Status",
"setterMethodLocationName" : null
}"};
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain."

"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [
  {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "EncryptionAtRestOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link EncryptionAtRestOptions.Builder} avoiding the need to create one manually via {@link EncryptionAtRestOptions#builder()}. When the {@link Consumer} completes, the consumer's fluent setter's documentation is called immediately and its result is passed to the options of the given Elasticsearch domain.


EncryptionAtRestOptions.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(EncryptionAtRestOptions)",
  "deprecated" : false,
  "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>
  @param options Specifies the Encryption At Rest options for the specified Elasticsearch domain.
  @return Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
  "getterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>
  @return Specifies the Encryption At Rest options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "EncryptionAtRestOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Options",
  "setterDocumentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>
  @param options Specifies the Encryption At Rest options for the specified Elasticsearch domain."
  "setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "options",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : null,
  "simpleType" : "EncryptionAtRestOptions",
  "variableSetterType" : "EncryptionAtRestOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EncryptionAtRestOptions",
  "variableName" : "options",
  "variableType" : "EncryptionAtRestOptions",
  "documentation" : "<p> Specifies the Encryption At Rest options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. When the consumer completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to the consumer that will call methods on it. Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)
@deprecated" : false,
  "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>"},
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>
@deprecated" : false,
  "documentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.</p>"}
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain. </p> @param status Specifies the status of the Encryption At Rest options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null
}
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
]
],
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": [ "Options", "Status" ],
"shapeName": "EncryptionAtRestOptionsStatus",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "EncryptionAtRestOptionsStatus",
  "variableName": "encryptionAtRestOptionsStatus",
  "variableType": "EncryptionAtRestOptionsStatus",
  "documentation": null,
  "simpleType": "EncryptionAtRestOptionsStatus",
  "variableSetterType": "EncryptionAtRestOptionsStatus"
},
"wrapper": false
],
"GetCompatibleElasticsearchVersionsRequest": {
  "c2jName": "GetCompatibleElasticsearchVersionsRequest",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "<p> Container for request parameters to <code><a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
  "enums": null,
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": {
    "action": "GetCompatibleElasticsearchVersions",}
"locationName" : null,
"requestUri" : "/2015-01-01/es/compatibleVersions",
"target" : null,
"verb" : "GET",
"xmlNameSpaceUri" : null
},

"members" : [

"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. 

@param

The new value for the DomainName property for this object.

@returns Returns a reference to this object so that method calls can be chained together.
@see

\n
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. 

@returns Returns a reference to this object so that method calls can be chained together.
@see

\n
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. 

@returns Returns a reference to this object so that method calls can be chained together.
@see

\n
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. 

@returns Returns a reference to this object so that method calls can be chained together.
@see

\n
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. 

@returns Returns a reference to this object so that method calls can be chained together.
@see

\n
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"unmarshallLocationName" : "domainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@\n@\n@param domainName
The new value for the DomainName property for this object.\n".
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\nThis is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.builder()].\n\nWhen the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [domainName(String)].\n\n@\n@\n@param domainName a consumer that will call methods on [String.Builder]\n\n@\n@\n@return Returns a reference to this object so that method calls can be chained together.\n@\n@see #domainName(String)",
  "deprecated" : false,
"documentation": ",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "domainName",
"fluentSetterDocumentation": "Sets the value of the DomainName property for this object.
@param domainName The new value for the DomainName property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "domainName",
"getterDocumentation": "Returns the value of the DomainName property for this object.
@return The value of the DomainName property for this object.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": "querystring",
  "marshallLocation": "QUERY_PARAM",
  "marshallLocationName": "domainName",
  "queryString": true,
  "statusCode": false,
  "unmarshallLocationName": "domainName",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "Sets the value of the DomainName property for this object.
@param domainName The new value for the DomainName property for this object.",
"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName"}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object. This is a convenience that creates an instance of the (@link String.Builder) avoiding the need to create one manually via (@link String#builder()). When the (@link Consumer) completes, (@link String.Builder#build()) is called immediately and its result is passed to (@link #domainName(String)).

@param domainName a consumer that will call methods on (@link String.Builder)
@return Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName The new value for the DomainName property for this object.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.

@Return The value of the DomainName property for this object.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {

```
The new value for the DomainName property for this object.

```
@param domainName

@PathVariable domainName
```

"requestSignerClassFqn": null,
"required": null,
"shapeName": "GetCompatibleElasticsearchVersionsRequest",
"simpleMethod": true,
"unmarshaller": null,
"variable": {
  "variableDeclarationType": "GetCompatibleElasticsearchVersionsRequest",
  "variableName": "getCompatibleElasticsearchVersionsRequest",
  "variableType": "GetCompatibleElasticsearchVersionsRequest",
  "documentation": null,
  "simpleType": "GetCompatibleElasticsearchVersionsRequest",
  "variableSetterType": "GetCompatibleElasticsearchVersionsRequest"
},
  "wrapper": false
},
  "GetCompatibleElasticsearchVersionsResponse": {
  "c2jName": "GetCompatibleElasticsearchVersionsResponse",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "Container for response returned by \nGetCompatibleElasticsearchVersions\noperation. \</p\>",
  "enums": null,
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
  "marshaller": null,
  "marshaller": null,
  "members": [
    "beanStyleGetterMethodName": "getCompatibleElasticsearchVersions",
    "beanStyleSetterMethodName": "setCompatibleElasticsearchVersions",
    "c2jName": "CompatibleElasticsearchVersions",
    "c2jShape": "CompatibleElasticsearchVersionsList",
    "defaultConsumerFluentSetterDocumentation": "A map of compatible Elasticsearch versions returned as part of the \nGetCompatibleElasticsearchVersions\noperation. \</p\>\nThis is a convenience that creates an instance of the \nList<CompatibleVersionsMap>.Builder\navoiding the need to create one manually via \nList<CompatibleVersionsMap>#builder(). \</p\>\nWhen the \nConsumer\ncompletes, \nList<CompatibleVersionsMap>.Builder#build() is called immediately and its result is passed to \
compatibleElasticsearchVersions(List<CompatibleVersionsMap>)\n@param compatibleElasticsearchVersions a consumer that will call methods on { @link List<CompatibleVersionsMap>.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see compatibleElasticsearchVersions(List<CompatibleVersionsMap>)\n"deprecated" : false,
"documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p>\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "compatibleElasticsearchVersions",
"fluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p>\n@param compatibleElasticsearchVersions A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "compatibleElasticsearchVersions",
"getterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p>\n<p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>\n@return A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation.",
"getterModel" : {
"returnType" : "java.util.List<CompatibleVersionsMap>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CompatibleElasticsearchVersions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CompatibleElasticsearchVersions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "CompatibleVersionsMap",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {@link CompatibleVersionsMap.Builder} avoiding the need to create one manually via {@link CompatibleVersionsMap#builder()}. When the {@link Consumer} completes, [@link CompatibleVersionsMap.Builder#build()] is called immediately and its result is passed to [ @link #member(CompatibleVersionsMap) ].
    @param member a consumer that will call methods on [ @link CompatibleVersionsMap.Builder] @return Returns a reference to this object so that method calls can be chained together.
  @see #member(CompatibleVersionsMap)",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "member",
    "fluentSetterDocumentation": "Sets the value of the Member property for this object.
The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName": "member",
    "getterDocumentation": "Returns the value of the Member property for this object.
@return The value of the Member property for this object.",
    "getterModel": {
      "returnType": "CompatibleVersionsMap",
      "documentation": null
    },
    "http": {
      "additionalMarshallingPath": null,
      "additionalUnmarshallingPath": null,
      "flattened": false,
      "greedy": false,
      "header": false,
      "isPayload": false,
      "isStreaming": false,
      "location": null,
      "marshallLocation": "PAYLOAD",
      "marshallLocationName": "member",
      "queryString": false,
      "statusCode": false,
      "unmarshallLocationName": "member",
      "uri": false
    }
  }
}

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.
@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
   "variableDeclarationType" : "CompatibleVersionsMap",
   "variableName" : "member",
   "variableType" : "CompatibleVersionsMap",
   "documentation" : null,
   "simpleType" : "CompatibleVersionsMap",
   "variableSetterType" : "CompatibleVersionsMap"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "CompatibleVersionsMap",
   "variableName" : "member",
   "variableType" : "CompatibleVersionsMap",
   "documentation" : null,
   "simpleType" : "CompatibleVersionsMap",
   "variableSetterType" : "CompatibleVersionsMap"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "CompatibleVersionsMap",
"templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
"templateType" : "java.util.List<CompatibleVersionsMap>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "CompatibleElasticsearchVersions",
"setterDocumentation" : "<p>A map of compatible Elasticsearch versions returned as part of the <code>
<a>GetCompatibleElasticsearchVersions</a> operation. 

@param compatibleElasticsearchVersions
A map of compatible Elasticsearch versions returned as part of the <code>GetCompatibleElasticsearchVersions</code> operation.

### Documentation

- **setterMethodName**: "setCompatibleElasticsearchVersions"
- **setterModel**: {
  "variableDeclarationType": "java.util.List<CompatibleVersionsMap>",
  "variableName": "compatibleElasticsearchVersions",
  "variableType": "java.util.List<CompatibleVersionsMap>",
  "documentation": null,
  "simpleType": "List<CompatibleVersionsMap>",
  "variableSetterType": "java.util.Collection<CompatibleVersionsMap>"
}

- **documentation**: 
  A map of compatible Elasticsearch versions returned as part of the <code>GetCompatibleElasticsearchVersions</code> operation.

### Basic Usage

```java
List<CompatibleVersionsMap> compatibleElasticsearchVersions = getCompatibleElasticsearchVersions();
```

### Fluent Method

```java
compatibleElasticsearchVersions.getCompatibleElasticsearchVersions().setCompatibleElasticsearchVersions((List<CompatibleVersionsMap>)...);
```

- **defaultConsumerFluentSetterDocumentation**: 
  A map of compatible Elasticsearch versions returned as part of the <code>GetCompatibleElasticsearchVersions</code> operation. This is a convenience that creates an instance of the <code>List<CompatibleVersionsMap></code> using the <code>builder()</code> method. When the <code>getCompatibleElasticsearchVersions</code> method completes, the <code>builder()</code> method is called immediately and its result is passed to the <code>compatibleElasticsearchVersions</code> method.

- **return**: Returns a reference to this object so that method calls can be chained together.

### See Also

- #compatibleElasticsearchVersions(List<CompatibleVersionsMap>)
- @deprecated

```java
@deprecated
compatibleElasticsearchVersions.getCompatibleElasticsearchVersions().getCompatibleElasticsearchVersions().setCompatibleElasticsearchVersions((List<CompatibleVersionsMap>)...);
```

- **documentation**: 
  A map of compatible Elasticsearch versions returned as part of the <code>GetCompatibleElasticsearchVersions</code> operation.

### Enum Method

```java
enumCompatibleElasticsearchVersions(List<CompatibleVersionsMap>)
```

- **enumType**: null,
- **eventType**: false,
- **eventPayload**: false,
- **fluentEnumGetterMethodName**: null,
- **fluentEnumSetterMethodName**: null,
"fluentGetterMethodName" : "compatibleElasticsearchVersions",
"fluentSetterDocumentation" : "A map of compatible Elasticsearch versions returned as part of the
<code>&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt;</code> operation. 

@param compatibleElasticsearchVersions A map of compatible Elasticsearch versions returned as part of the <code>&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt;</code> operation. 

@return A reference to this object so that method calls can be chained together."
,
"fluentSetterMethodName" : "compatibleElasticsearchVersions",
"getterDocumentation" : "A map of compatible Elasticsearch versions returned as part of the <code>&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt;</code> operation. 

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException. 

@return A map of compatible Elasticsearch versions returned as part of the <code>&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt;</code> operation."
,
"getterModel" : {
   "returnType" : "java.util.List&lt;CompatibleVersionsMap&gt;",
   "documentation" : null
 },
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "CompatibleElasticsearchVersions",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "CompatibleElasticsearchVersions",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
   "implType" : "java.util.ArrayList",
   "interfaceType" : "java.util.List",
   "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "CompatibleVersionsMap",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\n\nThis is a convenience that creates an instance of the \n{@link CompatibleVersionsMap.Builder} avoiding
the need to create one manually via \n{@link CompatibleVersionsMap.Builder#builder()}.\n\nWhen the \n{@link Consumer} completes, \n{@link CompatibleVersionsMap.Builder#builder()}) is called immediately and its result is passed to
The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.

"getterModel" : {
"returnType" : "CompatibleVersionsMap",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.";
"setterMethodName" : "setMember",
"setterModel" : {
   "variableDeclarationType" : "CompatibleVersionsMap",
   "variableName" : "member",
   "variableType" : "CompatibleVersionsMap",
   "documentation" : null,
   "simpleType" : "CompatibleVersionsMap",
   "variableSetterType" : "CompatibleVersionsMap"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "CompatibleVersionsMap",
   "variableName" : "member",
   "variableType" : "CompatibleVersionsMap",
   "documentation" :",
   "simpleType" : "CompatibleVersionsMap",
   "variableSetterType" : "CompatibleVersionsMap"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "CompatibleVersionsMap",
"templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
"templateType" : "java.util.List<CompatibleVersionsMap>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "CompatibleElasticsearchVersions",
"setterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p><p>@param compatibleElasticsearchVersions A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation. </p><p>

A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a></code> operation."
,"setterMethodName" : "setCompatibleElasticsearchVersions",
"setterModel" : {
   "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
   "variableName" : "compatibleElasticsearchVersions",
   "variableType" : "java.util.List<CompatibleVersionsMap>",
   "documentation" : null,
   "simpleType" : "List<CompatibleVersionsMap>",
   "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
"variableName" : "compatibleElasticsearchVersions",
"variableType" : "java.util.List<CompatibleVersionsMap>",
"documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation. </p>",
"simpleType" : "List<CompatibleVersionsMap>",
"variableSetterType" : "java.util.Collection<CompatibleVersionsMap>"
},
"xmlNameSpaceUri" : null
}

"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getCompatibleElasticsearchVersions",
"beanStyleSetterMethodName" : "setCompatibleElasticsearchVersions",
"c2jName" : "CompatibleElasticsearchVersions",
"c2jShape" : "CompatibleElasticsearchVersionsList",
"defaultConsumerFluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation. 
</p>

This is a convenience that creates an instance of the [ @link List<CompatibleVersionsMap>.Builder] avoiding the need to create one manually via [ @link List<CompatibleVersionsMap>#builder()].

When the [ @link Consumer] completes, [ @link List<CompatibleVersionsMap>.Builder#build()]) is called immediately and its result is passed to [ @link #compatibleElasticsearchVersions(List<CompatibleVersionsMap>)].

@param compatibleElasticsearchVersions a consumer that will call methods on [ @link List<CompatibleVersionsMap>.Builder]

@returns Returns a reference to this object so that method calls can be chained together.

@see #compatibleElasticsearchVersions(List<CompatibleVersionsMap>)",
"deprecated" : false,
"documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation. 
</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "compatibleElasticsearchVersions",
"fluentSetterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation. 
</p>

A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation.

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A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation.

A map of compatible Elasticsearch versions returned as part of the <code><a>GetCompatibleElasticsearchVersions</a> </code> operation.
"getterModel" : {
  "returnType" : "java.util.List<CompatibleVersionsMap>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CompatibleElasticsearchVersions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CompatibleElasticsearchVersions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "CompatibleVersionsMap",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the [CompatibleVersionsMap.Builder] avoiding
the need to create one manually via [CompatibleVersionsMap#builder()].\n\nWhen the [Consumer] completes, [CompatibleVersionsMap.Builder#build()] is called immediately and its result is passed to
[CompatibleVersionsMap.Builder#build()].\n\n@see [CompatibleVersionsMap]@param member a consumer that will call methods on [CompatibleVersionsMap]@return Returns a reference to this object so that method calls can be chained
together.\n\n@see [CompatibleVersionsMap]
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the [CompatibleVersionsMap.Builder] avoiding
the need to create one manually via [CompatibleVersionsMap#builder()].\n\nWhen the [Consumer] completes, [CompatibleVersionsMap.Builder#build()] is called immediately and its result is passed to
[CompatibleVersionsMap.Builder#build()].\n\n@see [CompatibleVersionsMap]@param member a consumer that will call methods on [CompatibleVersionsMap]@return Returns a reference to this object so that method calls can be chained
together.\n\n@see [CompatibleVersionsMap]
"
The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

"setterMethodName" : "member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

"setterModel" : {
  "variableDeclarationType" : "CompatibleVersionsMap",
  "variableName" : "member",
  "variableType" : "CompatibleVersionsMap",
  "documentation" : null,
  "simpleType" : "CompatibleVersionsMap",
  "variableSetterType" : "CompatibleVersionsMap"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "CompatibleVersionsMap",
"variableName" : "member",
"variableType" : "CompatibleVersionsMap",
"documentation" : "",
"simpleType" : "CompatibleVersionsMap",
"variableSetterType" : "CompatibleVersionsMap"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "CompatibleVersionsMap",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "CompatibleVersionsMap",
"templateImplType" : "java.util.ArrayList<CompatibleVersionsMap>",
"templateType" : "java.util.List<CompatibleVersionsMap>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "CompatibleElasticsearchVersions",
"setterDocumentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt;</code> operation. </p>
@param compatibleElasticsearchVersions A map of compatible Elasticsearch versions returned as part of the <code>&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt;</code> operation.

"setterMethodName" : "setCompatibleElasticsearchVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
  "variableName" : "compatibleElasticsearchVersions",
  "variableType" : "java.util.List<CompatibleVersionsMap>",
  "documentation" : null,
  "simpleType" : "List<CompatibleVersionsMap>",
  "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>",
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
    "variableName" : "compatibleElasticsearchVersions",
    "variableType" : "java.util.List<CompatibleVersionsMap>",
    "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt;</code> operation. </p>
"simpleType" : "List<CompatibleVersionsMap>",
    "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>",
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "java.util.List<CompatibleVersionsMap>",
      "variableName" : "compatibleElasticsearchVersions",
      "variableType" : "java.util.List<CompatibleVersionsMap>",
      "documentation" : "<p> A map of compatible Elasticsearch versions returned as part of the <code>&lt;a&gt;GetCompatibleElasticsearchVersions&lt;/a&gt;</code> operation. </p>";
      "simpleType" : "List<CompatibleVersionsMap>",
      "variableSetterType" : "java.util.Collection<CompatibleVersionsMap>",
      "simple" : false,
      "timestampFormat" : null,
    },
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "GetCompatibleElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "GetCompatibleElasticsearch VersionsResponse",
  "variableName" : "getCompatibleElasticsearchVersionsResponse",
  "variableType" : "GetCompatibleElasticsearchVersionsResponse",
  "documentation" : null,
  "simpleType" : "GetCompatibleElasticsearchVersionsResponse",
  "variableSetterType" : "GetCompatibleElasticsearchVersionsResponse"
},
"wrapper" : false
},
"GetUpgradeHistoryRequest" : {
  "c2jName" : "GetUpgradeHistoryRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "Container for request parameters to <code> <a>GetUpgradeHistory</a> </code> operation. &lt;/p&gt;",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "GetUpgradeHistory",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/upgradeDomain/{DomainName}/history",
    "target" : null,
    "verb" : "GET"
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,

"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.\n\nThis is a convenience that creates an instance of the [link Integer.Builder] avoiding the need to create one manually via [link Integer#builder()].\nWhen the [link Consumer] completes, [link Integer.Builder#build()] is called immediately and its result is passed to [link #maxResults(Integer)].\n@param maxResults a consumer that will call methods on [link Integer.Builder]\n@returns a reference to this object so that method calls can be chained together.\n@see #maxResults(Integer)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.

@param maxResults The new value for the MaxResults property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "Returns the value of the MaxResults property for this object.

@return The value of the MaxResults property for this object.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "Sets the value of the MaxResults property for this object.

@param maxResults The new value for the MaxResults property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null,
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object. This is a convenience that creates an instance of the \@link String.Builder\} avoiding the need to create one manually via \@link String#builder\}().\n\nWhen the \@link Consumer\} completes, \@link String.Builder#build\} is called immediately and its result is passed to \@link nextToken(String)\}.\n\n@see #nextToken(String)\}
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\nThe new value for the NextToken property for this object.\n\n@see #nextToken(String)\} Retuns a reference to this object so that method calls can be chained together.\n\n\n@see #nextToken(String)\} Retuns a reference to this object so that method calls can be chained together.\n"
"getterDocumentation" : "Returns the value of the NextToken property for this object.\n\n@see #nextToken(String)\} Retuns a reference to this object so that method calls can be chained together.\n"
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring"}
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.

@summary

@param nextToken
The new value for the NextToken property for this object.
",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link
String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.

@see #domainName(String)

@deprecated

/**
 * A consumer that will call methods on String.Builder
 */
@link String.Builder

@model DomainName

### domainName

@model DomainName

** Sets the value of the DomainName property for this object.

@model DomainName

```java
@model DomainName

@model DomainName

/**
 * Sets the value of the DomainName property for this object.

@model DomainName

```
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"MaxResults" : {
  "beanStyleGetterMethodName" : "getMaxResults",
  "beanStyleSetterMethodName" : "setMaxResults",
  "c2jName" : "MaxResults",
  "c2jShape" : "MaxResults",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.

This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link Integer.Builder#build() } is called immediately and its result is passed to { @link #maxResults(Integer)}.@param maxResults a consumer that will call methods on { @link Integer.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #maxResults(Integer)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "maxResults",
  "fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.

The new value for the MaxResults property for this object.

So that method calls can be chained together.",
  "fluentSetterMethodName" : "maxResults",
  "getterDocumentation" : "Returns the value of the MaxResults property for this object.

The value of the MaxResults property for this object.

So that method calls can be chained together.

"getterModel" : {
  "returnType" : "Integer",
}
The new value for the MaxResults property for this object.

@param maxResults

\n
@\n
setterDocumentation" : "Sets the value of the MaxResults property for this object."

"setterMethodName" : "setMaxResults",

"setterModel" : {

"variableDeclarationType" : "Integer",

"variableName" : "maxResults",

"variableType" : "Integer",

"documentation" : null,

"simpleType" : "Integer",

"variableSetterType" : "Integer"

},

"simple" : true,

"timestampFormat" : null,

"variable" : {

"variableDeclarationType" : "Integer",

"variableName" : "maxResults",

"variableType" : "Integer",

"documentation" : "",

"simpleType" : "Integer",

"variableSetterType" : "Integer"

}
"xmlNameSpaceUri" : null
},
"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()]. When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #nextToken(String)].

@see #nextToken(String)
@defaultConsumerFluentSetterDocumentation returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object. The new value for the NextToken property for this object.

@see #nextToken(String)
@fluentSetterDocumentation returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.

@see #nextToken(String)
@getterDocumentation returns the value of the NextToken property for this object.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallILocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallILocationName" : "nextToken",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.

@param nextToken The new value for the NextToken property for this object.

setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}.

@see #domainName(String)

@deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName The new value for the DomainName property for this object.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.

@return The value of the DomainName property for this object."

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName The new value for the DomainName property for this object.
@return Returns a reference to this object so that method calls can be chained together."
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
}
, {
"beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaxResults property for this object. This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer.Builder#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #maxResults(Integer)}. @param maxResults a consumer that will call methods on {@link Integer.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.@see #maxResults(Integer)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "Sets the value of the MaxResults property for this object.\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #maxResults(Integer)",
"getterDocumentation" : "Returns the value of the MaxResults property for this object.\n\n@returns The value of the MaxResults property for this object.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
null

},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "Sets the value of the MaxResults property for this object.

@param maxResults The new value for the MaxResults property for this object."

"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object.

This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link

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String.Builder#build()} is called immediately and its result is passed to

```java
@link #nextToken(String)
```

@param

nextToken a consumer that will call methods on

```java
String.Builder
```

@returns

Returns a reference to this object so that method calls can be chained together.

```java
@see #nextToken(String)
```

The new value for the NextToken property for this object.

```java
@returns
```

Returns a reference to this object so that method calls can be chained together.

```java
@fluentSetterMethodName
```

"nextToken",

"getterDocumentation": "Returns the value of the NextToken property for this object.

```java
@returns
```

The value of the NextToken property for this object.

```java
@getterModel
```

```java
{
  "returnType": "String",
  "documentation": null
}
```

The new value for the NextToken property for this object.

```java
@returns
```

The new value for the NextToken property for this object.
"setterMethodName": "setNextToken",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": null,
  "variableType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "nextToken",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
",
"required": [ "DomainName" ],
"shapeName": "GetUpgradeHistoryRequest",
"simpleMethod": false,
"unmarshaller": null,
"variable": {
  "variableDeclarationType": "GetUpgradeHistoryRequest",
  "variableName": "getUpgradeHistoryRequest",
  "variableType": "GetUpgradeHistoryRequest",
  "documentation": null,
  "simpleType": "GetUpgradeHistoryRequest",
  "variableSetterType": "GetUpgradeHistoryRequest"
},
"wrapper": false
},
"GetUpgradeHistoryResponse": {
  "c2jName": "GetUpgradeHistoryResponse",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "<p> Container for response returned by <code> <a>GetUpgradeHistory</a> </code>  
</p>"
operation. </p>"
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 

"beanStyleGetterMethodName" : "getUpgradeHistories",
"beanStyleSetterMethodName" : "setUpgradeHistories",
"c2jName" : "UpgradeHistories",
"c2jShape" : "UpgradeHistoryList",
"defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>\nThis is a convenience that creates an instance of the { @link List<UpgradeHistory>.Builder} avoiding the need to create one manually via { @link List<UpgradeHistory>.Builder}.

When the { @link Consumer} completes, { @link List<UpgradeHistory>.Builder} is called immediately and its result is passed to { @link List<UpgradeHistory>.Builder}.

A reference to this object so that method calls can be chained together.\n@see #upgradeHistories(List<UpgradeHistory>)",
"deprecated" : false,
"documentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>"

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeHistories",
"fluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. </p>\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.
\n@return A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperation Exception.\n\n@return A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object.\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperation Exception.
on a domain returned as part of <code>GetUpgradeHistoryResponse</code> object.

```
"getterModel" : {
  "returnType" : "java.util.List<UpgradeHistory>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeHistories",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeHistories",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "UpgradeHistory",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [UpgradeHistory.Builder] avoiding the need to create one manually via [UpgradeHistory#builder()]. When the [link Consumer] completes, [UpgradeHistory.Builder#build()] is called immediately and its result is passed to [UpgradeHistory.Builder#member(UpgradeHistory)].

@link UpgradeHistory.Builder\n@return Returns a reference to this object so that method calls can be chained together.
@see #member(UpgradeHistory)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
```


"fluentSetterDocumentation": "Sets the value of the Member property for this object.

@\param member The new value for the Member property for this object.

@\return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "member",
"getterDocumentation": "Returns the value of the Member property for this object.

@\return The value of the Member property for this object.",
"getterModel": {
  "returnType": "UpgradeHistory",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@\param member The new value for the Member property for this object.

@\setterMethodName": "setMember",
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  "variableName": "member",
  "variableType": "UpgradeHistory",
  "documentation": null,
  "simpleType": "UpgradeHistory",
  "variableSetterType": "UpgradeHistory"
},
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  "variableName": "member",
  "variableType": "UpgradeHistory",
  "documentation": "",
  "simpleType": "UpgradeHistory",
  "variableSetterType": "UpgradeHistory"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "UpgradeHistory",
"map": false,
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"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "UpgradeHistory",
"templateImplType": "java.util.ArrayList<UpgradeHistory>",
"templateType": "java.util.List<UpgradeHistory>",
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "UpgradeHistories",
"setterDocumentation": "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. <code><a>GetUpgradeHistoryResponse</a></code> object.

@param upgradeHistories A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object.
",
"setterMethodName": "setUpgradeHistories",
"setterModel": {
  "variableDeclarationType": "java.util.List<UpgradeHistory>",
  "variableName": "upgradeHistories",
  "variableType": "java.util.List<UpgradeHistory>",
  "documentation": null,
  "simple": false,
  "simpleType": "List<UpgradeHistory>",
  "variableSetterType": "java.util.Collection<UpgradeHistory>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<UpgradeHistory>",
  "variableName": "upgradeHistories",
  "variableType": "java.util.List<UpgradeHistory>",
  "documentation": "",
  "simpleType": "List<UpgradeHistory>",
  "variableSetterType": "java.util.Collection<UpgradeHistory>"
},
"simple": false,
"timestampFormat": null,
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  "variableName": "upgradeHistories",
  "variableType": "java.util.List<UpgradeHistory>",
  "documentation": "",
  "simpleType": "List<UpgradeHistory>",
  "variableSetterType": "java.util.Collection<UpgradeHistory>"
},
"simple": false,
"variableSetterType": "java.util.Collection<UpgradeHistory>"
},
"xmlNameSpaceUri": null
}, {
"beanStyleGetterMethodName": "getNextToken",
"beanStyleSetterMethodName": "setNextToken",
"c2jName": "NextToken",
"c2jShape": "String",
"defaultConsumerFluentSetterDocumentation": "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}. @param nextToken a consumer that will call methods on { @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #nextToken(String)",
"deprecated": false,
"documentation": "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
"enumType": null,
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"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "nextToken",
"fluentSetterDocumentation": "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "nextToken",
"getterDocumentation": "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results
@return Returns a reference to this object so that method calls can be chained together.",
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"returnType": "String",
"documentation": null
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"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "NextToken",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "NextToken",
"uri": false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "NextToken" : {
    "beanStyleGetterMethodName" : "getNextToken",
    "beanStyleSetterMethodName" : "setNextToken",
    "c2jName" : "NextToken",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. 
When the { @link Consumer} completes, 
{ @link String.Builder#build()} is called immediately and its result is passed to 
{ @link #nextToken(String)}
\n\n@returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)",
    "deprecated" : false,
"documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
"enumType" : null,
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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>\n@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results
\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>\n\n@\n\n@return Pagination token that needs to be supplied to the next call to get the next page of results",
"getterModel" : {
"returnType" : "String",
"documentation" : null
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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>\n\n@\n\n@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results
\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setNextToken",
"setterModel" : {
"returnType" : "String",
"documentation" : null
}
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"UpgradeHistories" : {
"beanStyleGetterMethodName" : "getUpgradeHistories",
"beanStyleSetterMethodName" : "setUpgradeHistories",
"c2jName" : "UpgradeHistories",
"c2jShape" : "UpgradeHistoryList",
"defaultConsumerFluentSetterDocumentation" : "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. 
This is a convenience that creates an instance of the <code>[@link List<UpgradeHistory>].Builder</code> avoiding the need to create one manually via <code>[@link List<UpgradeHistory>#builder()</code>.
When the <code>[@link Consumer] completes, <code>[@link List<UpgradeHistory>].Builder#build()</code> is called immediately and its result is passed to <code>[@link #upgradeHistories(List<UpgradeHistory>))</code>.<code>@param upgradeHistories a consumer that will call methods on <code>[@link List<UpgradeHistory>].Builder</code>.
@returns a reference to this object so that method calls can be chained together.<code>@see #upgradeHistories(List<UpgradeHistory>)</code>",
"deprecated" : false,
"documentation" : "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. 
</p>"},
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "null",
"fluentEnumSetterMethodName" : "null",
"fluentGetterMethodName" : "upgradeHistories",
"fluentSetterDocumentation" : "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. 
</p>"}
on a domain returned as part of \texttt{GetUpgradeHistoryResponse} object.\n@return Returns a reference to this object so that method calls can be chained together.
\n"fluentSetterMethodName" : "upgradeHistories",
"getterDocumentation" : \"A list of \texttt{UpgradeHistory} objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of \texttt{GetUpgradeHistoryResponse} object. Attempts to modify the collection returned by this method will result in an \texttt{UnsupportedOperationException}.\n\return Returns a list of \texttt{UpgradeHistory} objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of \texttt{GetUpgradeHistoryResponse} object.\n\"getterModel" : {
"returnType" : "java.util.List\<UpgradeHistory\>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeHistories",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeHistories",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "UpgradeHistory",
"defaultValueSetterDocumentation" : \"Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the \texttt{UpgradeHistory.Builder} avoiding the need to create one manually via \texttt{UpgradeHistory.Builder}.\n\nWhen the \texttt{Consumer} completes, \texttt{UpgradeHistory.Builder\#build()} is called immediately and its result is passed to \texttt{UpgradeHistory.Builder\#build()} as a parameter to a consumer that will call methods on \texttt{UpgradeHistory.Builder\#build()} so that method calls can be chained together.\n\n@see \texttt{UpgradeHistory.Builder\#build()}\n\n\"fluentSetterDocumentation" : \"\texttt{GetUpgradeHistoryResponse} objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of \texttt{GetUpgradeHistoryResponse} object.\n\"
The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

Sets the value of the Member property for this object.

@returns Returns the value of the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

The new value for the Member property for this object.

@returns Returns the value of the Member property for this object.

The new value for the Member property for this object.

@returns Returns the value of the Member property for this object.

The new value for the Member property for this object.

@returns Returns the value of the Member property for this object.
"variableName" : "member",
"variableType" : "UpgradeHistory",
"documentation" : null,
"simpleType" : "UpgradeHistory",
"variableSetterType" : "UpgradeHistory"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "UpgradeHistory",
"variableName" : "member",
"variableType" : "UpgradeHistory",
"documentation" : "",
"simpleType" : "UpgradeHistory",
"variableSetterType" : "UpgradeHistory"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeHistory",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeHistory",
"templateImplType" : "java.util.ArrayList<UpgradeHistory>",
"templateType" : "java.util.List<UpgradeHistory>
",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "UpgradeHistories",
"setterDocumentation" : "A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. <p><code>\n@param upgradeHistories A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object.</p>"
,"setterMethodName" : "setUpgradeHistories",
"setterModel" : {
"variableDeclarationType" : "java.util.List<UpgradeHistory>"",
"variableName" : "upgradeHistories",
"variableType" : "java.util.List<UpgradeHistory>",
"documentation" : null,
"simpleType" : "List<UpgradeHistory>"",
"variableSetterType" : "java.util.Collection<UpgradeHistory>
",
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<UpgradeHistory>",
  "variableName" : "upgradeHistories",
  "variableType" : "java.util.List<UpgradeHistory>",
  "documentation" : "A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. <p/>
  "simpleType" : "List<UpgradeHistory>",
  "variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"xmlNameSpaceUri" : null,

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getUpgradeHistories",
  "beanStyleSetterMethodName" : "setUpgradeHistories",
  "c2jName" : "UpgradeHistories",
  "c2jShape" : "UpgradeHistoryList",
  "defaultConsumerFluentSetterDocumentation" : "A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. <p/>
This is a convenience that creates an instance of the { @link List<UpgradeHistory>.Builder} avoiding the need to create one manually via { @link List<UpgradeHistory>#builder()}.<p>When the [ @link Consumer] completes, [ @link List<UpgradeHistory>#build()] is called immediately and its result is passed to [ @link #upgradeHistories(List<UpgradeHistory>)].<p>@param upgradeHistories a consumer that will call methods on [ @link List<UpgradeHistory>#builder] when the consumer completes.<p>@return Returns a reference to this object so that method calls can be chained together.<p>@see #upgradeHistories(List<UpgradeHistory>)",
  "deprecated" : false,
  "documentation" : "A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. <p/>
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "upgradeHistories",
  "fluentSetterDocumentation" : "A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. <p/>
  "fluentSetterMethodName" : "upgradeHistories",
  "getterDocumentation" : "A list of <code> <a>UpgradeHistory</a> </code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code> <a>GetUpgradeHistoryResponse</a> </code> object. <p/>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
"}]}
<a>UpgradeHistory</a> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object.

```
"getterModel" : {
  "returnType" : "java.util.List<UpgradeHistory>",
  "documentation" : null
},

"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeHistories",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeHistories",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"list" : true,

"implType" : "java.util.ArrayList",

"interfaceType" : "java.util.List",

"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "UpgradeHistory",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {@link UpgradeHistory.Builder} avoiding the need to create one manually via {@link UpgradeHistory.Builder#build()}. When the {@link Consumer} completes, {@link UpgradeHistory.Builder#build()} is called immediately and its result is passed to {@link #member(UpgradeHistory)}.

@see #member(UpgradeHistory)"
},

"deprecated" : false,

"documentation" : "",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,
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"fluentGetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "member",
"getterDocumentation": "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object."

"getterModel": {
"returnType": "UpgradeHistory",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false
},
"idempotencyToken": false,
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"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object."

"setterMethodName": "setMember",
"setterModel": {
"variableDeclarationType": "UpgradeHistory",
"variableName": "member",
"variableType": "UpgradeHistory",
"documentation": null,
"simpleType": "UpgradeHistory",
"variableSetterType": "UpgradeHistory"
},
"simple": false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "UpgradeHistory",
  "variableName" : "member",
  "variableType" : "UpgradeHistory",
  "documentation" : "",
  "simpleType" : "UpgradeHistory",
  "variableSetterType" : "UpgradeHistory"
},
"xmlnsSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "UpgradeHistory",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeHistory",
"templateImplType" : "java.util.ArrayList<UpgradeHistory>",
"templateType" : "java.util.List<UpgradeHistory>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "UpgradeHistories",
"setterDocumentation" : "<p>A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object. \n@param upgradeHistories A list of <code><a>UpgradeHistory</a></code> objects corresponding to each Upgrade or Upgrade Eligibility Check performed on a domain returned as part of <code><a>GetUpgradeHistoryResponse</a></code> object.",
"setterMethodName" : "setUpgradeHistories",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<UpgradeHistory>",
  "variableName" : "upgradeHistories",
  "variableType" : "java.util.List<UpgradeHistory>",
  "documentation" : null,
  "simpleType" : "List<UpgradeHistory>",
  "variableSetterType" : "java.util.Collection<UpgradeHistory>",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<UpgradeHistory>",
  "variableName" : "upgradeHistories",
  "variableType" : "java.util.List<UpgradeHistory>",
  "documentation" : "",
  "simpleType" : "List<UpgradeHistory>",
  "variableSetterType" : "java.util.Collection<UpgradeHistory>",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<UpgradeHistory>",
  "variableName" : "upgradeHistories",
  "variableType" : "java.util.List<UpgradeHistory>",
  "documentation" : "",
  "simpleType" : "List<UpgradeHistory>",
  "variableSetterType" : "java.util.Collection<UpgradeHistory>",
},
"simple" : false,
"timestampFormat" : null,
"simpleType" : "List<UpgradeHistory>",
"variableSetterType" : "java.util.Collection<UpgradeHistory>"
},
"xmlNameSpaceUri" : null
],
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()}) is called immediately and its result is passed to {@link #nextToken(String)}.

@deprecated
@return
@see #nextToken(String)",
"documentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results
@return Returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>
@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results
@return Returns a reference to this object so that method calls can be chained together.
",}
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",}
'uri' : false,
'idempotencyToken' : false,
'isBinary' : false,
'jsonValue' : false,
'list' : false,
'listModel' : null,
'map' : false,
'mapModel' : null,
'marshallingType' : "STRING",
'name' : "NextToken",
'setterDocumentation' : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>@param nextToken Pagination token that needs to be supplied to the next call to get the next page of results",
'setterMethodName' : "setNextToken",
'setterModel' : {
  'variableDeclarationType' : "String",
  'variableName' : "nextToken",
  'variableType' : "String",
  'documentation' : null,
  'simpleType' : "String",
  'variableSetterType' : "String"
},
'simple' : true,
'timestampFormat' : null,
'veariable' : {
  'variableDeclarationType' : "String",
  'variableName' : "nextToken",
  'variableType' : "String",
  'documentation' : "<p>Pagination token that needs to be supplied to the next call to get the next page of results</p>",
  'simpleType' : "String",
  'variableSetterType' : "String"
},
'xmlNameSpaceUri' : null
},
'requestSignerAware' : false,
'requestSignerClassFqcn' : null,
'required' : null,
'shapeName' : "GetUpgradeHistoryResponse",
'simpleMethod' : false,
'unmarshaller' : {
  'flattened' : false,
  'resultWrapper' : null
},
'veariable' : {
  'variableDeclarationType' : "GetUpgradeHistoryResponse",
  'variableName' : "getUpgradeHistoryResponse"}
"variableType" : "GetUpgradeHistoryResponse",
"documentation" : null,
"simpleType" : "GetUpgradeHistoryResponse",
"variableSetterType" : "GetUpgradeHistoryResponse"
},
"wrapper" : false
},
"GetUpgradeStatusRequest" : {
"c2jName" : "GetUpgradeStatusRequest",
"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "Container for request parameters to <code>&lt;a&gt;GetUpgradeStatus&lt;/a&gt; </code> operation. &lt;/p&gt;",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
  "action" : "GetUpgradeStatus",
  "locationName" : null,
  "requestUri" : "2015-01-01/es/upgradeDomain/{DomainName}/status",
  "target" : null,
  "verb" : "GET",
  "xmlNameSpaceUri" : null
},
"members" : [
  {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object. This is a convenience that creates an instance of the @{link String.Builder} avoiding the need to create one manually via @{link String#builder()}. When the @{link Consumer} completes, @{link String.Builder#build()} is called immediately and its result is passed to @{link #domainName(String)}.@param domainName a consumer that will call methods on @{link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #domainName(String)"
}]}
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"membersAsMap" : {
"DomainName" : {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()} .\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}.\n\n@see #domainName(String)"
,
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n@see #domainName(String)"
,
"getterDocumentation" : "Returns the value of the DomainName property for this object.\n\n@Params
\n\n@domainName(String)"
,
"getterModel" : {
"returnType" : "String",
"documentation" : null
}
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : "uri",
    "marshallLocation" : "PATH",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n@param domainName The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
{
  "nonStreamingMembers": [ {
    "beanStyleGetterMethodName": "getDomainName",
    "beanStyleSetterMethodName": "setDomainName",
    "c2jName": "DomainName",
    "c2jShape": "DomainName",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the DomainName property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #domainName(String)].

    @param domainName a consumer that will call methods on [@link String.Builder]
    @return Returns a reference to this object so that method calls can be chained together.
    @see #domainName(String)
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "domainName",
    "fluentSetterDocumentation": "Sets the value of the DomainName property for this object. The new value for the DomainName property for this object. @return Returns a reference to this object so that method calls can be chained together."
    "fluentSetterMethodName": "domainName",
    "getterDocumentation": "Returns the value of the DomainName property for this object. @return The value of the DomainName property for this object."
    "getterModel": {
      "returnType": "String",
      "documentation": null
    },
    "http": {
      "additionalMarshallingPath": null,
      "additionalUnmarshallingPath": null,
      "flattened": false,
      "greedy": false,
      "header": false,
      "isPayload": false,
      "isStreaming": false,
      "location": "uri",
      "marshallLocation": "PATH",
      "marshallLocationName": "DomainName",
      "queryString": false,
      "statusCode": false,
      "unmarshallLocationName": "DomainName",
      "uri": true
    },
    "idempotencyToken": false,
    "isBinary": false,
  }
}
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName
The new value for the DomainName property for this object."

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}].
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "GetUpgradeStatusRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "GetUpgradeStatusRequest",
  "variableName" : "getUpgradeStatusRequest",
  "variableType" : "GetUpgradeStatusRequest",
  "documentation" : null,
  "simpleType" : "GetUpgradeStatusRequest",
  "variableSetterType" : "GetUpgradeStatusRequest"
},
"wrapper" : false
},
"GetUpgradeStatusResponse" : {
  "c2jName" : "GetUpgradeStatusResponse",
"customization": {
  "artificialResultWrapper": null,
  "skipGeneratingMarshaller": false,
  "skipGeneratingModelClass": false,
  "skipGeneratingUnmarshaller": false,
  "staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p>Container for response returned by <code>GetUpgradeStatus</code> operation. </p>",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [
  {
    "beanStyleGetterMethodName": "getUpgradeStepAsString",
    "beanStyleSetterMethodName": "setUpgradeStep",
    "c2jName": "UpgradeStep",
    "c2jShape": "UpgradeStep",
    "defaultConsumerFluentSetterDocumentation": "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
  <li>PreUpgradeCheck</li>
  <li>Snapshot</li>
  <li>Upgrade</li>
</ul></p>
This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder().build()]. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [String#builder()].

@see UpgradeStep
@return Returns a reference to this object so that method calls can be chained together.
"deprecated": false,
"documentation": "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
  <li>PreUpgradeCheck</li>
  <li>Snapshot</li>
  <li>Upgrade</li>
</ul></p>
"enumType": "UpgradeStep",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "upgradeStep",
"fluentEnumSetterMethodName": "upgradeStep",
"fluentGetterMethodName": "upgradeStepAsString",
"fluentSetterDocumentation": "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
  <li>PreUpgradeCheck</li>
  <li>Snapshot</li>
  <li>Upgrade</li>
</ul></p>
@see UpgradeStep
@return Returns a reference to this object so that method calls can be chained together.
"deprecated": false,
If the service returns an enum value that is not available in the current SDK version, \{@link #upgradeStep\} will return \{@link UpgradeStep#UNKNOWN_TO_SDK_VERSION\}. The raw value returned by the service is available from \{@link #upgradeStepAsString\}.

\@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: \ul\li>PreUpgradeCheck\li>Snapshot\li>Upgrade\ul\n\@see UpgradeStep

\@param upgradeStep
\@paramMethodName" : "setUpgradeStep",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStep",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

\@see UpgradeStep
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStep",
  "variableType" : "String",
  "documentation" : "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
  <ul>
    <li>PreUpgradeCheck</li>
    <li>Snapshot</li>
    <li>Upgrade</li>
  </ul><p>
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getStepStatusAsString",
"beanStyleSetterMethodName" : "setStepStatus",
"c2jName" : "StepStatus",
"c2jShape" : "UpgradeStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul><p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the [Consumer] completes, @link String.Builder#build() is called immediately and its result is passed to @link GetUpgradeStatusResponse. A consumer that will call methods on @link String.Builder\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #stepStatus(String)",
"deprecated" : false,
"documentation" : "<p>One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul><p>
If the service returns an enum value that is not available in the current SDK version, @link #stepStatus will return @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from
One of 4 statuses that a step can go through returned as part of the
<code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
@see UpgradeStatus",
"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StepStatus",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StepStatus",
 "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
 "name" : "StepStatus",
 "setterDocumentation" : "One of 4 statuses that a step can go through returned as part of the
<code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
@see UpgradeStatus",
"setterMethodName" : "setStepStatus",
"setterModel" : {
 "variableDeclarationType" : "String",
 "variableName" : "stepStatus",
 "variableType" : "String",
 "documentation" : null,
 "simpleType" : "String",
 "variableSetterType" : "String"
}"}
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "stepStatus",
  "variableType": "String",
  "documentation": "One of 4 statuses that a step can go through returned as part of the <code><a>GetUpgradeStatusResponse</a></code> object. The status can take one of the following values: <ul><li>In Progress</li><li>Succeeded</li><li>Succeeded with Issues</li><li>Failed</li></ul>,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"beanStyleGetterMethodName": "getUpgradeName",
"beanStyleSetterMethodName": "setUpgradeName",
"c2jName": "UpgradeName",
"c2jShape": "UpgradeName",
"defaultConsumerFluentSetterDocumentation": "A string that describes the update briefly

This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].
When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #upgradeName(String)].

@see #upgradeName(String)"

"deprecated": false,
"documentation": "A string that describes the update briefly",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodname": "upgradeName",
"fluentSetterMethodname": "upgradeName",
"fluentSetterDocumentation": "A string that describes the update briefly

@see #upgradeName(String)"

"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "UpgradeName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "UpgradeName",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "UpgradeName",
"setterDocumentation": "<p>A string that describes the update briefly</p>
@<param upgradeName> A string that describes the update briefly",
"setterMethodName": "setUpgradeName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": "<p>A string that describes the update briefly</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}],
"membersAsMap": {
"StepStatus": {
  "beanStyleGetterMethodName": "getStepStatusAsString",
  "beanStyleSetterMethodName": "setStepStatus",
  "c2jName": "StepStatus",
  "c2jShape": "UpgradeStatus",
  "VariableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": "<p>A string that describes the update briefly</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
"StepStatus": {
  "beanStyleGetterMethodName": "getStepStatusAsString",
  "beanStyleSetterMethodName": "setStepStatus",
  "c2jName": "StepStatus",
  "c2jShape": "UpgradeStatus",
  "VariableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": "<p>A string that describes the update briefly</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
"StepStatus": {
  "beanStyleGetterMethodName": "getStepStatusAsString",
  "beanStyleSetterMethodName": "setStepStatus",
  "c2jName": "StepStatus",
  "c2jShape": "UpgradeStatus",
  "VariableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": "<p>A string that describes the update briefly</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
"StepStatus": {
  "beanStyleGetterMethodName": "getStepStatusAsString",
  "beanStyleSetterMethodName": "setStepStatus",
  "c2jName": "StepStatus",
  "c2jShape": "UpgradeStatus",
  "VariableDeclarationType": "String",
  "variableName": "upgradeName",
  "variableType": "String",
  "documentation": "<p>A string that describes the update briefly</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}
"defaultConsumerFluentSetterDocumentation": "One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder(builder)].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [stepStatusAsString(String)].

@param stepStatus a consumer that will call methods on [String.Builder].
@return Returns a reference to this object so that method calls can be chained together.
@see UpgradeStatus(String)",
"deprecated": false,
"documentation": "One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

"enumType": "UpgradeStatus",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "stepStatus",
"fluentEnumSetterMethodName": "stepStatus",
"fluentGetterMethodName": "stepStatusAsString",
"fluentSetterDocumentation": "One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

If the service returns an enum value that is not available in the current SDK version, [stepStatus] will return [UpgradeStatus#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [stepStatusAsString].

@see UpgradeStatus

@return One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

@see UpgradeStatus

@return Returns a reference to this object so that method calls can be chained together.
@see UpgradeStatus

"getterDocumentation": "One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

If the service returns an enum value that is not available in the current SDK version, [stepStatus] will return [UpgradeStatus#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [stepStatusAsString].

The raw value returned by the service is available from [stepStatusAsString].

@see UpgradeStatus

@return One of 4 statuses that a step can go through returned as part of the <code>&lt;a&gt;GetUpgradeStatusResponse&lt;/a&gt;</code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

@see UpgradeStatus

@return Returns a reference to this object so that method calls can be chained together.
@see UpgradeStatus

"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StepStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StepStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StepStatus",
"setterDocumentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code><a>GetUpgradeStatusResponse</a></code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul></p>
@see UpgradeStatus",
"setterMethodName" : "setStepStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "stepStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "stepStatus",
  "variableType" : "String",
  "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code><a>GetUpgradeStatusResponse</a></code> object. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul></p>
@see UpgradeStatus",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UpgradeName" : {
  "beanStyleGetterMethodName" : "getUpgradeName",
  "beanStyleSetterMethodName" : "setUpgradeName",
}
"c2jName" : "UpgradeName",
"c2jShape" : "UpgradeName",
"defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>
This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].
When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [upgradeName(String)].
@returns A reference to this object so that method calls can be chained together.
@see upgradeName(String)
",
"deprecated" : false,
"documentation" : "A string that describes the update briefly",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "A string that describes the update briefly",
"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "A string that describes the update briefly",
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "UpgradeName",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "UpgradeName",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "A string that describes the update briefly
@param upgradeName A string that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : "A string that describes the update briefly",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UpgradeStep" : {
  "beanStyleGetterMethodName" : "getUpgradeStepAsString",
  "beanStyleSetterMethodName" : "setUpgradeStep",
  "c2jName" : "UpgradeStep",
  "c2jShape" : "UpgradeStep",
  "defaultConsumerFluentSetterDocumentation" : "Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li>
<li>Snapshot</li>
<li>Upgrade</li>
</ul>

In this a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String.Builder().
When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #upgradeStepAsString(String).

@returns Returns a reference to this object so that method calls can be chained together.

@see #upgradeStep(String)",
  "deprecated" : false,
  "documentation" : "Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul>
<li>PreUpgradeCheck</li>
<li>Snapshot</li>
<li>Upgrade</li>
</ul>

"enumType" : "UpgradeStep",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "upgradeStep",
  "fluentEnumSetterMethodName" : "upgradeStep",
  "fluentGetterMethodName" : "upgradeStepAsString",
  "fluentSetterDocumentation" : "Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
PreUpgradeCheck
Snapshot
Upgrade
PreUpgradeCheck
Snapshot
Upgrade
Pre_upgrade_check
Snapshot
Upgrade
Pre_upgrade_check
Snapshot
Upgrade

Param
upgradeStep
Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:

- PreUpgradeCheck
- Snapshot
- Upgrade

@see UpgradeStep
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "upgradeStep",
"getterDocumentation" : "Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck
Snapshot
Upgrade

If the service returns an enum value that is not available in the current SDK version, the raw value returned by the service is available from

@link #upgradeStepAsString

@see UpgradeStep",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeStep",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeStep",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallLocation" : "STRING",
"name" : "UpgradeStep",
"setterDocumentation" : "Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck
Snapshot
Upgrade

If the service returns an enum value that is not available in the current SDK version, the raw value returned by the service is available from

@link #upgradeStepAsString

@see UpgradeStep",
"setterMethodName" : "setUpgradeStep",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeStep",
"fluentSetterMethodName" : "upgradeStep",
"getterDocumentation" : "Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
PreUpgradeCheck
Snapshot
Upgrade

If the service returns an enum value that is not available in the current SDK version, the raw value returned by the service is available from

@link #upgradeStepAsString

@see UpgradeStep"};
PreUpgradeCheck
Snapshot
Upgrade

If the service returns an enum value that is not available in the current SDK version, the raw value returned by the service is available from

@link #upgradeStepAsString

@see UpgradeStep";
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeStep",
"variableType" : "String",
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getUpgradeStepAsString",
"beanStyleSetterMethodName" : "setUpgradeStep",
"c2jName" : "UpgradeStep",
"c2jShape" : "UpgradeStep",
"defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #upgradeStepAsString(String)}. Returns a reference to this object so that method calls can be chained together.

@deprecated
@see #upgradeStep(String)
@see #upgradeStepAsString(String)
@see UpgradeStep

"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>

"enumType" : "UpgradeStep",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStep",
"fluentEnumSetterMethodName" : "upgradeStep",
"fluentGetterMethodName" : "upgradeStepAsString",
"fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>

@deprecated
@see UpgradeStep
@see #upgradeStepAsString(String)
@see #upgradeStep

"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>

"enumType" : "UpgradeStep",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStep",
"fluentEnumSetterMethodName" : "upgradeStep",
"fluentGetterMethodName" : "upgradeStepAsString",
"fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>

@deprecated
@see UpgradeStep
@see #upgradeStepAsString(String)
@see #upgradeStep

"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>

@deprecated
@see UpgradeStep
@see #upgradeStepAsString(String)
@see #upgradeStep

"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>

@deprecated
@see UpgradeStep
@see #upgradeStepAsString(String)
@see #upgradeStep

"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>

@deprecated
@see UpgradeStep
@see #upgradeStepAsString(String)
@see #upgradeStep

"deprecated" : false,
returns an enum value that is not available in the current SDK version. [@link #upgradeStep] will return [@link UpgradeStep#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #upgradeStepAsString].

\[@return\] Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:

- PreUpgradeCheck
- Snapshot
- Upgrade

@see UpgradeStep

```java
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "UpgradeStep",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "UpgradeStep",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "UpgradeStep",
    "setterDocumentation" : "Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: PreUpgradeCheck, Snapshot, Upgrade. @see UpgradeStep",
    "setterMethodName" : "setUpgradeStep",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "upgradeStep",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,

```
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStep",
  "variableType" : "String",
  "documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
  <ul>
    <li>PreUpgradeCheck</li>
    <li>Snapshot</li>
    <li>Upgrade</li>
  </ul>
</p>

"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
  "beanStyleGetterMethodName" : "getStepStatusAsString",
  "beanStyleSetterMethodName" : "setStepStatus",
  "c2jName" : "StepStatus",
  "c2jShape" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #stepStatusAsString(String)].

@see #stepStatus
@deprecated
"documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #stepStatusAsString(String)].

@see #stepStatus
@deprecated
"enumType" : "UpgradeStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "stepStatus",
"fluentEnumSetterMethodName" : "stepStatus",
"fluentGetterMethodName" : "stepStatusAsString",
"fluentSetterDocumentation" : "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #stepStatusAsString(String)].

@see #stepStatus
@deprecated
"fluentSetterDocumentation" : "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #stepStatusAsString(String)].

@see #stepStatus
@deprecated
"getterDocumentation" : "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

If the service returns an enum value that is not available in the current SDK version, [ @link #stepStatus] will return [ @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [ @link #stepStatusAsString].

@see UpgradeStatus
@deprecated
"deprecated" : false,
"documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #stepStatusAsString(String)].

@see #stepStatus
@deprecated
"enumType" : "UpgradeStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "stepStatus",
"fluentEnumSetterMethodName" : "stepStatus",
"fluentGetterMethodName" : "stepStatusAsString",
"fluentSetterDocumentation" : "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #stepStatusAsString(String)].

@see #stepStatus
@deprecated
"fluentSetterDocumentation" : "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #stepStatusAsString(String)].

@see #stepStatus
@deprecated
"getterDocumentation" : "One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

If the service returns an enum value that is not available in the current SDK version, [ @link #stepStatus] will return [ @link UpgradeStatus#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [ @link #stepStatusAsString].

@see UpgradeStatus
@deprecated
"deprecated" : false,
"documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code>GetUpgradeStatusResponse</code> object. The status can take one of the following values: <ul>
  <li>In Progress</li>
  <li>Succeeded</li>
  <li>Succeeded with Issues</li>
  <li>Failed</li>
</ul>

This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #stepStatusAsString(String)].

@see #stepStatus
@deprecated
"enumType" : "UpgradeStatus",
"eventHeader" : false,
"eventPayload" : false,
In Progress
Succeeded
Succeeded with Issues
Failed

@see UpgradeStatus

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@see UpgradeStatus

One of 4 statuses that a step can go through returned as part of the `<code>GetUpgradeStatusResponse</code>` object. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed

@see UpgradeStatus

One of 4 statuses that a step can go through returned as part of the `<code>GetUpgradeStatusResponse</code>` object. The status can take one of the following values:

- In Progress
- Succeeded
- Succeeded with Issues
- Failed
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "stepStatus",
  "variableType" : "String",
  "documentation" : "<p> One of 4 statuses that a step can go through returned as part of the <code><a>GetUpgradeStatusResponse</a></code> object. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getUpgradeName",
"beanStyleSetterMethodName" : "setUpgradeName",
"c2jName" : "UpgradeName",
"c2jShape" : "UpgradeName",
"defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via {
@link String.Builder().\nWhen the [@link Consumer] completes, {
@link String.Builder#build()} is called immediately and its result is passed to {
@link upgradeName(String).\n@\param upgradeName a consumer that will call methods on {
@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see upgradeName(String)
"deprecated" : false,
"documentation" : "<p>A string that describes the update briefly</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "<p>A string that describes the update briefly
@return Returns a reference to this object so that method calls can be chained together.
@see upgradeName(String)
"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "<p>A string that describes the update briefly\n@return A string that describes the update briefly
@see upgradeName(String)
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  "documentation" : null
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"marshallLocationName" : "UpgradeName",
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"unmarshallLocationName" : "UpgradeName",
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  "variableSetterType" : "String"
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  "variableSetterType": "GetUpgradeStatusResponse"
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  "documentation": "<p>InstanceCountLimits represents the limits on the number of instances that can be created in Amazon Elasticsearch for given InstanceType. </p>",
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  "errorCode": null,
  "event": false,
  "eventStream": false,
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  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
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    "c2jName": "MinimumInstanceCount",
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  "documentation": ""
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  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "MinimumInstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "MinimumInstanceCount",
  "uri" : false
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"setterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object.
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"variableSetterType" : "Integer"
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"c2jShape" : "MaximumInstanceCount",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this object. This is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #maximumInstanceCount(Integer)}.\n\n@deprecated
@see #maximumInstanceCount(Integer)",
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  "variableSetterType": "Integer"
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  }
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"c2jName" : "MaximumInstanceCount",
"c2jShape" : "MaximumInstanceCount",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for
this object.

This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to
create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link
Integer.Builder#build()} is called immediately and its result is passed to { @link
#maximumInstanceCount(Integer)}. @param maximumInstanceCount a consumer that will call methods on
{ @link Integer.Builder}@return Returns a reference to this object so that method calls can be chained
together.@see #maximumInstanceCount(Integer)",
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The new value for the MaximumInstanceCount property for this
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The value of the MaximumInstanceCount property for this object.",
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  "statusCode" : false,
  "unmarshallLocationName" : "MaximumInstanceCount",
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  "c2jShape": "MinimumInstanceCount",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the MinimumInstanceCount property for this object.

This is a convenience that creates an instance of the \{@link Integer.Builder\} avoiding the need to create one manually via \{@link Integer#builder()\}.\n
When the \{@link Consumer\} completes, \{@link Integer.Builder#build()\} is called immediately and its result is passed to \{@link #minimumInstanceCount(Integer)\}.

@n@n@param minimumInstanceCount a consumer that will call methods on \{@link Integer.Builder\}@n@n@return Returns a reference to this object so that method calls can be chained together.
@n@see #minimumInstanceCount(Integer)",
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@param minimumInstanceCount The new value for the MinimumInstanceCount property for this object.

@return Returns a reference to this object so that method calls can be chained together.",

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@returns The value of the MinimumInstanceCount property for this object.",

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  "marshallLocationName": "MinimumInstanceCount",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "MinimumInstanceCount",
  "uri": false
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"idempotencyToken": false,
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"mapModel": null,
"marshallingType": "INTEGER",
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@param minimumInstanceCount The new value for the MinimumInstanceCount property for this object.

@return Returns a reference to this object so that method calls can be chained together."

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  "variableSetterType" : "Integer"
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  "c2jShape" : "MinimumInstanceCount",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the MinimumInstanceCount property for this object. \n This is a convenience that creates an instance of the [ @link Integer.Builder ] avoiding the need to create one manually via [ @link Integer#builder() ]. \n When the [ @link Consumer ] completes, [ @link Integer.Builder#build() ] is called immediately and its result is passed to [ @link #minimumInstanceCount(Integer) ]. \n @param minimumInstanceCount a consumer that will call methods on [ @link Integer.Builder ]\n @return Returns a reference to this object so that method calls can be chained together. \n @see #minimumInstanceCount(Integer)",
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@param
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    "variableSetterType" : "Integer"
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    "variableSetterType" : "Integer"
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    "c2jShape" : "MaximumInstanceCount",
    "defaultValueFluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this

object.

This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create

one manually via [@link Integer#builder()].

When the [@link Consumer] completes, [@link
Integer.Builder#build()} is called immediately and its result is passed to { @link 
maximumInstanceCount(Integer)}.\n@param maximumInstanceCount a consumer that will call methods on 
{ @link Integer.Builder}\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #maximumInstanceCount(Integer)",
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  "fluentEnumSetterMethodName" : null,
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  "fluentSetterDocumentation" : "Sets the value of the MaximumInstanceCount property for this
object.\n\n@param maximumInstanceCount The new value for the MaximumInstanceCount property for this
object.\n@return Returns a reference to this object so that method calls can be chained together.",
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    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
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    "statusCode" : false,
    "unmarshallLocationName" : "MaximumInstanceCount",
    "uri" : false
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  "isBinary" : false,
  "jsonValue" : false,
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  "listModel" : null,
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  "mapModel" : null,
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maximumInstanceCount The new value for the MaximumInstanceCount property for this object.

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  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
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  "variableType" : "Integer",
  "documentation" : "",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
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"staxTargetDepthOffset" : 0,
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"documentation" : "<p>InstanceLimits represents the list of instance related attributes that are available for given InstanceType. </p>",
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"hasStreamingMember" : false,
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"marshaller" : null,
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  "beanStyleSetterMethodName" : "setInstanceCountLimits",
  "c2jName" : "InstanceCountLimits",
  "c2jShape" : "InstanceCountLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\nThis is a convenience that creates an instance of the [@link InstanceCountLimits.Builder] avoiding the need to create one manually via {@link InstanceCountLimits#builder()}.\nWhen the [@link Consumer] completes, {@link InstanceCountLimits.Builder#build()} is called immediately and its result is passed to {@link InstanceCountLimits(InstanceCountLimits)}.\n@param instanceCountLimits a consumer that will call methods on {@link InstanceCountLimits.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #instanceCountLimits(InstanceCountLimits)"
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"getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.\n\n@return The value of the InstanceCountLimits property for this object."
] ,
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  "documentation" : null
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  "variableSetterType" : "InstanceCountLimits"
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  "variableSetterType" : "InstanceCountLimits"
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} ];
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  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "InstanceCountLimits",
  "setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n\n@param instanceCountLimits The new value for the InstanceCountLimits property for this object.\n"
  "setterMethodName" : "setInstanceCountLimits",
  "setterModel" : {
    "variableDeclarationType" : "InstanceCountLimits",
    "variableName" : "instanceCountLimits",
    "variableType" : "InstanceCountLimits",
    "documentation" : null,
    "simpleType" : "InstanceCountLimits",
    "variableSetterType" : "InstanceCountLimits"
  },
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "InstanceCountLimits",
    "variableName" : "instanceCountLimits",
    "variableType" : "InstanceCountLimits",
    "documentation" : "",
    "simpleType" : "InstanceCountLimits",
    "variableSetterType" : "InstanceCountLimits"
  },
  "xmlNameSpaceUri" : null
}];
"beanStyleGetterMethodName" : "getInstanceCountLimits",
"beanStyleSetterMethodName" : "setInstanceCountLimits",
"c2jName" : "InstanceCountLimits",
"c2jShape" : "InstanceCountLimits",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.
This is a convenience that creates an instance of the {@link InstanceCountLimits.Builder} avoiding the need to create one manually via {@link InstanceCountLimits#builder()}. When the {@link Consumer} completes, {@link InstanceCountLimits.Builder#build()} is called immediately and its result is passed to
{@link InstanceCountLimits#instanceCountLimits(InstanceCountLimits)}. Returns a reference to this object so that method calls can be chained together.
@see #instanceCountLimits(InstanceCountLimits)",
"deprecated" : false,
"documentation" : "",
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"eventHeader" : false,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceCountLimits",
"fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.
@param instanceCountLimits The new value for the InstanceCountLimits property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.
@param instanceCountLimits The new value for the InstanceCountLimits property for this object.
@return The value of the InstanceCountLimits property for this object.",
"getterModel" : {
"returnType" : "InstanceCountLimits",
"documentation" : null
},
"http" : {
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"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceCountLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceCountLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceCountLimits",
"setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.

@param instanceCountLimits The new value for the InstanceCountLimits property for this object.

"setterMethodName" : "setInstanceCountLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ { "beanStyleGetterMethodName" : "getInstanceCountLimits",
  "beanStyleSetterMethodName" : "setInstanceCountLimits",
  "c2jName" : "InstanceCountLimits",
  "c2jShape" : "InstanceCountLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.

This is a convenience that creates an instance of the [InstanceCountLimits.Builder] avoiding the need to create one manually via [InstanceCountLimits#builder]. When the [Consumer] completes, [InstanceCountLimits.Builder#build] is called immediately and its result is passed to [InstanceCountLimits#instanceCountLimits].

@return Returns a reference to this object so that method calls can be chained together.

@ see @instanceCountLimits(InstanceCountLimits)."
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentSetterMethodName" : "setInstanceCountLimits",
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "InstanceCountLimits",
  "setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.

@param instanceCountLimits The new value for the InstanceCountLimits property for this object.

"setterMethodName" : "setInstanceCountLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ { "beanStyleGetterMethodName" : "getInstanceCountLimits",
  "beanStyleSetterMethodName" : "setInstanceCountLimits",
  "c2jName" : "InstanceCountLimits",
  "c2jShape" : "InstanceCountLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.

This is a convenience that creates an instance of the [InstanceCountLimits.Builder] avoiding the need to create one manually via [InstanceCountLimits#builder]. When the [Consumer] completes, [InstanceCountLimits.Builder#build] is called immediately and its result is passed to [InstanceCountLimits#instanceCountLimits].

@return Returns a reference to this object so that method calls can be chained together.

@ see @instanceCountLimits(InstanceCountLimits)."
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentSetterMethodName" : "setInstanceCountLimits",
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "InstanceCountLimits",
  "setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.

@param instanceCountLimits The new value for the InstanceCountLimits property for this object.

"setterMethodName" : "setInstanceCountLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : null,
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ { "beanStyleGetterMethodName" : "getInstanceCountLimits",
  "beanStyleSetterMethodName" : "setInstanceCountLimits",
  "c2jName" : "InstanceCountLimits",
  "c2jShape" : "InstanceCountLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.

This is a convenience that creates an instance of the [InstanceCountLimits.Builder] avoiding the need to create one manually via [InstanceCountLimits#builder]. When the [Consumer] completes, [InstanceCountLimits.Builder#build] is called immediately and its result is passed to [InstanceCountLimits#instanceCountLimits].

@return Returns a reference to this object so that method calls can be chained together.

@ see @instanceCountLimits(InstanceCountLimits)."
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  "documentation" : "",
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : null,
"fluentSetterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n@param instanceCountLimits The new value for the InstanceCountLimits property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "instanceCountLimits",
"getterDocumentation" : "Returns the value of the InstanceCountLimits property for this object.\n@return The value of the InstanceCountLimits property for this object.",
"getterModel" : {
"returnType" : "InstanceCountLimits",
"documentation" : null
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"http" : {
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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceCountLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceCountLimits",
"uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceCountLimits",
"setterDocumentation" : "Sets the value of the InstanceCountLimits property for this object.\n@param instanceCountLimits The new value for the InstanceCountLimits property for this object.\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setInstanceCountLimits",
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"variableDeclarationType" : "InstanceCountLimits",
"variableName" : "instanceCountLimits",
"variableType" : "InstanceCountLimits",
"documentation" : null,
"simpleType" : "InstanceCountLimits",
"variableSetterType" : "InstanceCountLimits"
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"timestampFormat" : null,
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  "variableDeclarationType" : "InstanceCountLimits",
  "variableName" : "instanceCountLimits",
  "variableType" : "InstanceCountLimits",
  "documentation" : "",
  "simpleType" : "InstanceCountLimits",
  "variableSetterType" : "InstanceCountLimits"
},
"xmlNameSpaceUri" : null
} 

"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "InstanceLimits",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
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"variable" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : null,
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"wrapper" : false
},
"InternalException" : {
  "c2jName" : "InternalException",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500."",
  "enums" : null,
  "errorCode" : "InternalException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : 500,
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"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "InternalException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "InternalException",
  "variableName" : "internalException",
  "variableType" : "InternalException",
  "documentation" : null,
  "simpleType" : "InternalException",
  "variableSetterType" : "InternalException"
},
"wrapper" : false
},
"InvalidTypeException" : {
  "c2jName" : "InvalidTypeException",
  "customization" : {
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    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "An exception for trying to create or access sub-resource that is either invalid or not supported. Gives http status code of 409."",
  "enums" : null,
  "errorCode" : "InvalidTypeException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : 409,
  "marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
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"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LimitExceededException",
"simpleMethod" : false,
"unmarshaller" : null,
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  "variableDeclarationType" : "LimitExceededException",
  "variableName" : "limitExceededException",
  "variableType" : "LimitExceededException",
  "documentation" : null,
  "simpleType" : "LimitExceededException",
  "variableSetterType" : "LimitExceededException"
},
"wrapper" : false
},
"LimitExceededException" : {
  "c2jName" : "LimitExceededException",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>An exception for trying to create more than allowed resources or sub-resources. Gives http status code of 409.</p>",
  "enums" : null,
  "errorCode" : "LimitExceededException",
  "event" : false,
  "eventStream" : false,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : 409,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "nonStreamingMembers" : [ ],
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  "requestSignerClassFqcn" : null,
  "required" : null,
"shapeName": "LimitExceededException",
"simpleMethod": false,
"unmarshaller": null,
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  "variableName": "limitExceededException",
  "variableType": "LimitExceededException",
  "documentation": null,
  "simpleType": "LimitExceededException",
  "variableSetterType": "LimitExceededException"
},
"wrapper": false
},
"Limits": {
  "c2jName": "Limits",
  "customization": {
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    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "<p> Limits for given InstanceType and for each of it's role. <br/> Limits contains following <br/> <code> <a>StorageTypes</a>, </code> <code> <a>InstanceLimits</a> </code> and <code> <a>AdditionalLimits</a> </code> </p>"
},
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [ {
  "beanStyleGetterMethodName": "getStorageTypes",
  "beanStyleSetterMethodName": "setStorageTypes",
  "c2jName": "StorageTypes",
  "c2jShape": "StorageTypeList",
  "defaultValueConsumerFluentSetterDocumentation": "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType.  
This is a convenience that creates an instance of the 
{@link List<StorageType>.Builder} avoiding the need to create one manually via 
{@link List<StorageType>#builder}().

When the {@link Consumer} completes, 
{@link List<StorageType>.Builder#build()} is called immediately and its result is passed to 
{@link #storageTypes(List<StorageType>)}. @param storageTypes a consumer that will call methods on 
"}
}
List<StorageType>.Builder\n@return Returns a reference to this object so that method calls can be chained
together.\n@see #storageTypes(List<StorageType>)",
    "deprecated" : false,
    "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "storageTypes",
    "fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.\n@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "storageTypes",
    "getterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
<p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n@return StorageType represents the list of storage related types and attributes that are available for given InstanceType.",
    "getterModel" : {
        "returnType" : "java.util.List<StorageType>",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "StorageTypes",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "StorageTypes",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : true,
    "listModel" : {
        "implType" : "java.util.ArrayList",
        "interfaceType" : "java.util.List",
        "listMemberModel" : {
...
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "StorageType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [{@link StorageType.Builder}] avoiding the need to create one manually via [{@link StorageType.Builder#builder()}]. When the [{@link Consumer}] completes, [{@link StorageType.Builder#build()}] is called immediately and its result is passed to [{@link #member(StorageType)}].

@see #member(StorageType)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

The new value for the Member property for this object.

@see #member(StorageType)",

@returns Returns a reference to this object so that method calls can be chained together.

@returns Returns a reference to this object so that method calls can be chained together.

@returns The value of the Member property for this object.

@returns The value of the Member property for this object.

@returns 

@returns null

@returns "member"

@returns "member"

@returns "member"

@returns "member"

@returns null

@returns null

@returns null

@returns null

@returns null

@returns null

@returns null

@returns null

@returns null

@returns null

@returns null

@returns null

"getterModel" : {
"returnType" : "StorageType",
"documentation" : "null"
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@p param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : "",
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"xmlNameSpaceUri" : null}
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>@p @param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.".
"setterMethodName" : "setStorageTypes",
"setterModel" : {
"variableDeclarationType" : "java.util.List<StorageType>",
"variableName" : "storageTypes",
"variableType" : "java.util.List<StorageType>",
"documentation" : null,
"simpleType" : "List<StorageType>",
"variableSetterType" : "java.util.Collection<StorageType>
",
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>",
  "simpleType" : "List<StorageType>",
  "variableSetterType" : "java.util.Collection<StorageType>"
},
"xmlNameSpaceUri" : null,
  
  "beanStyleGetterMethodName" : "getInstanceLimits",
  "beanStyleSetterMethodName" : "setInstanceLimits",
  "c2jName" : "InstanceLimits",
  "c2jShape" : "InstanceLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\nThis is a convenience that creates an instance of the [\link \ref InstanceLimits.Builder] avoiding the need to create one manually via [\link \ref InstanceLimits#builder()].\n\nWhen the [\link \ref Consumer] completes, [\link \ref InstanceLimits.Builder#build()] is called immediately and its result is passed to [\link \ref #instanceLimits(InstanceLimits)].\n\n@param instanceLimits a consumer that will call methods on [\link \ref InstanceLimits.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see \ref #instanceLimits(InstanceLimits)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceLimits",
  "fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see \ref \#instanceLimits(InstanceLimits) The new value for the InstanceLimits property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\",
  "fluentSetterMethodName" : "instanceLimits",
  "getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n\n@return The value of the InstanceLimits property for this object.\n\n@getterModel" : {
  "returnType" : "InstanceLimits",
  "documentation" : null
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "InstanceLimits",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "InstanceLimits",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "InstanceLimits",
"setterDocumentation": "Sets the value of the InstanceLimits property for this object.\n\n@param instanceLimits The new value for the InstanceLimits property for this object.\",
"setterMethodName": "setInstanceLimits",
"setterModel": {
  "variableDeclarationType": "InstanceLimits",
  "variableName": "instanceLimits",
  "variableType": "InstanceLimits",
  "documentation": null,
  "simpleType": "InstanceLimits",
  "variableSetterType": "InstanceLimits"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "InstanceLimits",
  "variableName": "instanceLimits",
  "variableType": "InstanceLimits",
  "documentation": "",
  "simpleType": "InstanceLimits",
  "variableSetterType": "InstanceLimits"
},
"xmlNameSpaceUri": null
List of additional limits that are specific to a given InstanceType and for each of it's InstanceRole. This is a convenience that creates an instance of the List<AdditionalLimit> Builder avoiding the need to create one manually via List<AdditionalLimit>#builder() When the Consumer completes, List<AdditionalLimit>.Builder#build() is called immediately and its result is passed to List<AdditionalLimit>(List<AdditionalLimit>)) @param additionalLimits a consumer that will call methods on List<AdditionalLimit>.Builder@return Returns a reference to this object so that method calls can be chained together.@see #additionalLimits(List<AdditionalLimit>)

List of additional limits that are specific to a given InstanceType and for each of it's InstanceRole.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

List of additional limits that are specific to a given InstanceType and for each of it's InstanceRole.

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List of additional limits that are specific to a given InstanceType and for each of it's InstanceRole.

List of additional limits that are specific to a given InstanceType and for each of it's InstanceRole.

List of additional limits that are specific to a given InstanceType and for each of it's InstanceRole.
"unmarshallLocationName" : "AdditionalLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "AdditionalLimit",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object. This is a convenience that creates an instance of the { @link AdditionalLimit.Builder} avoiding the need
to create one manually via { @link AdditionalLimit#builder()}. When the { @link Consumer} completes, { @link
AdditionalLimit.Builder#build()} is called immediately and its result is passed to { @link
#member(AdditionalLimit)}. @param member a consumer that will call methods on { @link
AdditionalLimit.Builder} @return Returns a reference to this object so that method calls can be chained
together. @see #member(AdditionalLimit)",
  "deprecated" : false,
  "documentation" : "",
  "eventType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.
The new value for the Member property for this object. returns a reference to this object so that method
calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.
Returns the value of the Member property for this object.",
  "getterModel" : {
    "returnType" : "AdditionalLimit",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.
@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "AdditionalLimit",
  "variableName" : "member",
  "variableType" : "AdditionalLimit",
  "documentation" : null,
  "simpleType" : "AdditionalLimit",
  "variableSetterType" : "AdditionalLimit"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AdditionalLimit",
  "variableName" : "member",
  "variableType" : "AdditionalLimit",
  "documentation" : "",
  "simpleType" : "AdditionalLimit",
  "variableSetterType" : "AdditionalLimit"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "AdditionalLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "AdditionalLimit",
"templateImplType" : "java.util.ArrayList<AdditionalLimit>".
"templateType" : "java.util.List<AdditionalLimit>",
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AdditionalLimits",
"setterDocumentation" : "<p>List of additional limits that are specific to a given InstanceType and for each of it's <code><a>InstanceRole</a></code>. </p>
@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's <code><a>InstanceRole</a></code>.

"setterMethodName" : "setAdditionalLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : null,
  "simpleType" : "List<AdditionalLimit>",
  "variableSetterType" : "java.util.Collection<AdditionalLimit>",
  "simple" : false,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.util.List<AdditionalLimit>",
    "variableName" : "additionalLimits",
    "variableType" : "java.util.List<AdditionalLimit>",
    "documentation" : "List of additional limits that are specific to a given InstanceType and for each of it's
    <code><a>InstanceRole</a></code>. </p>
    "simpleType" : "List<AdditionalLimit>",
    "variableSetterType" : "java.util.Collection<AdditionalLimit>",
  },
  "xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "AdditionalLimits" : {
    "beanStyleGetterMethodName" : "getAdditionalLimits",
    "beanStyleSetterMethodName" : "setAdditionalLimits",
    "c2jName" : "AdditionalLimits",
    "c2jShape" : "AdditionalLimitList",
    "defaultConsumerFluentSetterDocumentation" : "<p>List of additional limits that are specific to a given
    InstanceType and for each of it's <code><a>InstanceRole</a></code>. </p>
    This is a convenience that creates an
    instance of the {@link List<AdditionalLimit>.Builder} avoiding the need to create one manually via
    {@link List<AdditionalLimit>#builder()}. When the {@link Consumer} completes, {@link List<AdditionalLimit>.Builder#build()} is called immediately and its result is passed to
    {@link List<additionalLimits(List<AdditionalLimit>)}. @param additionalLimits a consumer that will call methods on
    {@link List<AdditionalLimit>.Builder}@return Returns a reference to this object so that method calls can be
    chained together.@see #additionalLimits(List<AdditionalLimit>)",}
  "deprecated" : false,
  "documentation" : "<p>List of additional limits that are specific to a given InstanceType and for each of it's
    <code><a>InstanceRole</a></code>. </p">
}
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "additionalLimits",
"fluentSetterDocumentation" : "<p>List of additional limits that are specific to a given InstanceType and for each of its <code>&lt;a&gt;InstanceRole&lt;/a&gt;</code>.
@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of its <code>&lt;a&gt;InstanceRole&lt;/a&gt;</code>.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "additionalLimits",
"getterDocumentation" : "<p>List of additional limits that are specific to a given InstanceType and for each of its <code>&lt;a&gt;InstanceRole&lt;/a&gt;</code>. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return List of additional limits that are specific to a given InstanceType and for each of its <code>&lt;a&gt;InstanceRole&lt;/a&gt;</code>.",
"getterModel" : {
"returnType" : "java.util.List<AdditionalLimit>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdditionalLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdditionalLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "AdditionalLimit",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
This is a convenience that creates an instance of the `@link AdditionalLimit.Builder` avoiding the need to create one manually via `@link AdditionalLimit#builder()`. When the `@link Consumer` completes, `@link #member(AdditionalLimit)` is called immediately and its result is passed to `@link AdditionalLimit.Builder#build()`.

The new value for the `member` property for this object.

```java
@return Returns a reference to this object so that method calls can be chained together.
```

```java
@see #member(AdditionalLimit)
```

```java
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@ see #member(AdditionalLimit)",
```
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n
@\n\n@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "AdditionalLimit",
  "variableName" : "member",
  "variableType" : "AdditionalLimit",
  "documentation" : null,
  "simpleType" : "AdditionalLimit",
  "variableSetterType" : "AdditionalLimit"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "AdditionalLimit",
  "variableName" : "member",
  "variableType" : "AdditionalLimit",
  "documentation" : null,
  "simpleType" : "AdditionalLimit",
  "variableSetterType" : "AdditionalLimit"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "AdditionalLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "AdditionalLimit",
"templateImplType" : "java.util.ArrayList<AdditionalLimit>",
"templateType" : "java.util.List<AdditionalLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AdditionalLimits",
"setterDocumentation" : "<p>List of additional limits that are specific to a given InstanceType and for each of its &lt;code&gt;&lt;a&gt;InstanceRole&lt;/a&gt;&lt;/code&gt;.\n
@\n\n@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's &lt;code&gt;&lt;a&gt;InstanceRole&lt;/a&gt;&lt;/code&gt;.",
,"setterMethodName" : "setAdditionalLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : null,
  "simpleType" : "List<AdditionalLimit>"}
"variableSetterType" : "java.util.Collection<AdditionalLimit>" 
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : "<p>List of additional limits that are specific to a given InstanceType and for each of it's <code><a>InstanceRole</a></code>. </p>"
},
"xmlNameSpaceUri" : null
},
"InstanceStateLimits" : {
  "beanStyleGetterMethodName" : "getInstanceLimits",
  "beanStyleSetterMethodName" : "setInstanceLimits",
  "c2jName" : "InstanceLimits",
  "c2jShape" : "InstanceLimits",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\nThis is a convenience that creates an instance of the {@link InstanceLimits.Builder} avoiding the need to create one manually via {@link InstanceLimits#builder()}.\n\nWhen the {@link Consumer} completes, the result is passed to the method call.\n\n@see InstanceLimits.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see InstanceLimits(InstanceLimits)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "instanceLimits",
  "fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.\n\n@param instanceLimits The new value for the InstanceLimits property for this object.\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see InstanceLimits(InstanceLimits)",
  "getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n\n@see InstanceLimits(InstanceLimits)",
  "getterModel" : {
    "returnType" : "InstanceLimits",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
  },
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceLimits",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "InstanceLimits",
"setterDocumentation" : "Sets the value of the InstanceLimits property for this object.

@returns {InstanceLimits} The new value for the InstanceLimits property for this object.

@param instanceLimits The new value for the InstanceLimits property for this object.

setterMethodName" : "setInstanceLimits",
"setterModel" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : null,
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "InstanceLimits",
  "variableName" : "instanceLimits",
  "variableType" : "InstanceLimits",
  "documentation" : null,
  "simpleType" : "InstanceLimits",
  "variableSetterType" : "InstanceLimits"
},
"xmlNameSpaceUri" : null
},
"StorageTypes" : {
  "beanStyleGetterMethodName" : "getStorageTypes",
  "beanStyleSetterMethodName" : "setStorageTypes",
}
"c2jName" : "StorageTypes",
"c2jShape" : "StorageTypeList",
"defaultConsumerFluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. This is a convenience that creates an instance of the [ @link List<StorageType> Builder] avoiding the need to create one manually via [ @link List<StorageType> #builder()]. When the [ @link Consumer] completes, [ @link List<StorageType> .Builder#build()] is called immediately and its result is passed to [ @link #storageTypes(List<StorageType>)].<br/>
@param storageTypes a consumer that will call methods on [ @link List<StorageType> .Builder] returns a reference to this object so that method calls can be chained together.<br/>
@see #storageTypes(List<StorageType>)",
   "deprecated" : false,
   "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>",
   "enumType" : null,
   "eventHeader" : false,
   "eventPayload" : false,
   "fluentEnumGetterMethodName" : null,
   "fluentEnumSetterMethodName" : null,
   "fluentGetterMethodName" : "storageTypes",
   "fluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType. @return Returns a reference to this object so that method calls can be chained together.
",
   "fluentSetterMethodName" : "storageTypes",
   "getDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException. @return StorageType represents the list of storage related types and attributes that are available for given InstanceType."
,
   "getterModel" : {
    "returnType" : "java.util.List<StorageType>",
    "documentation" : null
   },
   "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "StorageTypes",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "StorageTypes",
    "uri" : false
   },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
        "beanStyleSetterMethodName" : "setMember",
        "c2jName" : "member",
        "c2jShape" : "StorageType",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the [StorageType.Builder] avoiding the need to create one manually via [StorageType.Builder]. When the [Consumer] completes, [StorageType.Builder#build()] is called immediately and its result is passed to [StorageType.Builder#member(StorageType)].
@ see #member(StorageType).

@deprecated : false,
@documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.
@ see #member(StorageType).

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.".
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.
@see #member(StorageType).

"getterModel" : {
    "returnType" : "StorageType",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
],
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : "",
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
],
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>"
],
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType.</p>
@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType."
,"setterMethodName" : "setStorageTypes",
"setterModel" : {
   "variableDeclarationType" : "java.util.List<StorageType>",
   "variableName" : "storageTypes",
   "variableType" : "java.util.List<StorageType>",
   "documentation" : null,
   "simpleType" : "List<StorageType>",
   "variableSetterType" : "java.util.Collection<StorageType>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "java.util.List<StorageType>",
   "variableName" : "storageTypes",
   "variableType" : "java.util.List<StorageType>",
   "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>",
   "simpleType" : "List<StorageType>",
   "variableSetterType" : "java.util.Collection<StorageType>"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ {
   "beanStyleGetterMethodName" : "getStorageTypes",
   "beanStyleSetterMethodName" : "setStorageTypes",
   "c2jName" : "StorageTypes",
   "c2jShape" : "StorageTypeList",
   "defaultConsumerFluentSetterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>
This is a convenience that creates an instance of the
{@link List<StorageType>.Builder} avoiding the need to create one manually via {@link
List<StorageType>#builder()}. When the {@link Consumer} completes, {@link
List<StorageType>.Builder#build()} is called immediately and its result is passed to
{@link #storageTypes(List<StorageType>)}.

@see #storageTypes(List<StorageType>)",
   "deprecated" : false,
   "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>",
   "enumType" : null,
   "eventHeader" : false,
   "eventPayload" : false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "storageTypes",
"fluentSetterDocumentation": "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. <p>
@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "storageTypes",
"getterDocumentation": "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. <p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
</p>
@return StorageType represents the list of storage related types and attributes that are available for given InstanceType.",
"getterModel": {
"returnType": "java.util.List<StorageType>",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "StorageTypes",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "StorageTypes",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
"implType": "java.util.ArrayList",
"interfaceType": "java.util.List",
"listMemberModel": {
"beanStyleGetterMethodName": "getMember",
"beanStyleSetterMethodName": "setMember",
"c2jName": "member",
"c2jShape": "StorageType",
"defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the [@link StorageType.Builder] avoiding the need to create one manually via [@link StorageType#builder()]. When the [@link Consumer] completes, [@link StorageType.Builder#build()] is called immediately and its result is passed to [@link
#member(StorageType)}.

@link

StorageType.Builder

@return

Returns a reference to this object so that method calls can be chained together.

@see

#member(StorageType)

 "deprecated" : false,
 "documentation" : ""
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "member",
 "fluentSetterDocumentation" : "Sets the value of the Member property for this object."

The new value for the Member property for this object.

@return

Returns a reference to this object so that method calls can be chained together.

 "fluentSetterMethodName" : "member",
 "getterDocumentation" : "Returns the value of the Member property for this object."

@return

The value of the Member property for this object.

 "getterModel" : {
 "returnType" : "StorageType",
 "documentation" : null
 },

 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "member",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "member",
 "uri" : false
 },

 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "SDK_POJO",
 "name" : "Member",
 "setterDocumentation" : "Sets the value of the Member property for this object."

@see

#member(StorageType)"
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "member",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"simple" : false,
"variableModel" : null,
"memberLocationName" : null,
"memberType" : "StorageType",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageType",
"templateImplType" : "java.util.ArrayList<StorageType>",
"templateType" : "java.util.List<StorageType>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypes",
"setterDocumentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. 
@param storageTypes StorageType represents the list of storage related types and attributes that are available for given InstanceType.
"setterMethodName" : "setStorageTypes",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageType>",
  "variableName" : "storageTypes",
  "variableType" : "java.util.List<StorageType>",
  "documentation" : null,
  "simpleType" : "List<StorageType>",
  "variableSetterType" : "java.util.Collection<StorageType>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<StorageType>",
    "variableName" : "storageTypes",
    "variableType" : "java.util.List<StorageType>",
    "documentation" : "<p>StorageType represents the list of storage related types and attributes that are available for given InstanceType. </p>",
    "simpleType" : "List<StorageType>",
    "variableSetterType" : "java.util.Collection<StorageType>"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getInstanceLimits",
"beanStyleSetterMethodName" : "setInstanceLimits",
"c2jName" : "InstanceLimits",
"c2jShape" : "InstanceLimits",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.
This is a convenience that creates an instance of the [@link InstanceLimits.Builder] avoiding the need to create one manually via [@link InstanceLimits#builder()].
When the [@link Consumer] completes, [@link InstanceLimits.Builder#build()] is called immediately and its result is passed to [@link InstanceLimits(InstanceLimits).@param instanceLimits] a consumer that will call methods on [@link InstanceLimits.Builder] and return

\n@deprecated
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "instanceLimits",
"fluentSetterDocumentation" : "Sets the value of the InstanceLimits property for this object.
\n@param instanceLimits The new value for the InstanceLimits property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "instanceLimits",
"getterDocumentation" : "Returns the value of the InstanceLimits property for this object.\n\n@return The value of the InstanceLimits property for this object."
"getterModel" : {
    "returnType" : "InstanceLimits",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "InstanceLimits",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "InstanceLimits",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "InstanceLimits",
"setterDocumentation": "Sets the value of the InstanceLimits property for this object.

@param instanceLimits The new value for the InstanceLimits property for this object."
,"setterMethodName": "setInstanceLimits",
"setterModel": {
"variableDeclarationType": "InstanceLimits",
"variableName": "instanceLimits",
"variableType": "InstanceLimits",
"documentation": null,
"simpleType": "InstanceLimits",
"variableSetterType": "InstanceLimits"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "InstanceLimits",
"variableName": "instanceLimits",
"variableType": "InstanceLimits",
"documentation": "",
"simpleType": "InstanceLimits",
"variableSetterType": "InstanceLimits"
},
"xmlNameSpaceUri": null
}, {
"beanStyleGetterMethodName": "getAdditionalLimits",
"beanStyleSetterMethodName": "setAdditionalLimits",
"c2jName": "AdditionalLimits",
"c2jShape": "AdditionalLimitList",
"defaultConsumerFluentSetterDocumentation": "List of additional limits that are specific to a given InstanceType and for each of it's <code> InstanceRole </code>. This is a convenience that creates an instance of the <a>List<AdditionalLimit>.Builder</a> avoiding the need to create one manually via <a>"@link</a>
List<AdditionalLimit>#builder()}.

When the {@link Consumer} completes, {@link List<AdditionalLimit>.Builder#build()} is called immediately and its result is passed to {@link #additionalLimits(List<AdditionalLimit>)}. Returns a reference to this object so that method calls can be chained together.

@see #additionalLimits(List<AdditionalLimit>)

deprecated" : false,
"documentation" : " List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> . </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "additionalLimits",
"fluentSetterMethodName" : "additionalLimits",
"getterDocumentation" : " List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .
@param additionalLimits List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .
@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "additionalLimits",
"getterDocumentation" : " List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .
"getterModel" : {
"returnType" : "java.util.List<AdditionalLimit>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdditionalLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdditionalLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "AdditionalLimit",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object." @param member a consumer that will call methods on { @link AdditionalLimit.Builder }
when the { @link Consumer } completes, { @link AdditionalLimit.Builder#build() } is called immediately and its result
is passed to { @link #member(AdditionalLimit) }.
@see #member(AdditionalLimit)

},
"deprecated" : false,
"documentation" : """,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@return Returns a reference to this object so that method calls can be chained
together." ,
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.

},
"getterModel" : {
  "returnType" : "AdditionalLimit",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
}.
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "AdditionalLimit",
  "variableName": "member",
  "variableType": "AdditionalLimit",
  "documentation": null,
  "simpleType": "AdditionalLimit",
  "variableSetterType": "AdditionalLimit"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "AdditionalLimit",
  "variableName": "member",
  "variableType": "AdditionalLimit",
  "documentation": "",
  "simpleType": "AdditionalLimit",
  "variableSetterType": "AdditionalLimit"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "AdditionalLimit",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "AdditionalLimit",
"templateImplType": "java.util.ArrayList<AdditionalLimit>",
"templateType": "java.util.List<AdditionalLimit>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "AdditionalLimits",
"setterDocumentation": "List of additional limits that are specific to a given InstanceType and for each of it's <code> <a>InstanceRole</a> </code> .\n\n@param additionalLimits List of additional limits that are specific
to a given InstanceType and for each of it's <code><a>InstanceRole</a></code>.

```
"setterMethodName" : "setAdditionalLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : null,
  "simpleType" : "List<AdditionalLimit>",
  "variableSetterType" : "java.util.Collection<AdditionalLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<AdditionalLimit>",
  "variableName" : "additionalLimits",
  "variableType" : "java.util.List<AdditionalLimit>",
  "documentation" : "List of additional limits that are specific to a given InstanceType and for each of it's <code><a>InstanceRole</a></code>.
  "simpleType" : "List<AdditionalLimit>",
  "variableSetterType" : "java.util.Collection<AdditionalLimit>"
},
"xmlNameSpaceUri" : null
}
```

"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "Limits",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "Limits",
  "variableName" : "limits",
  "variableType" : "Limits",
  "documentation" : null,
  "simpleType" : "Limits",
  "variableSetterType" : "Limits"
},
"wrapper" : false

"ListDomainNamesRequest" : {
  "c2jName" : "ListDomainNamesRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : null,
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
"action" : "ListDomainNames",
"locationName" : null,
"requestUri" : "/2015-01-01/domain",
"target" : null,
"verb" : "GET",
"xmlNameSpaceUri" : null
},
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListDomainNamesRequest",
"simpleMethod" : true,
"unmarshaller" : null,
"variable" : {
"variableDeclarationType" : "ListDomainNamesRequest",
"variableName" : "listDomainNamesRequest",
"variableType" : "ListDomainNamesRequest",
"documentation" : null,
"simpleType" : "ListDomainNamesRequest",
"variableSetterType" : "ListDomainNamesRequest"
},
"wrapper" : false
},
"ListDomainNamesResponse" : {
"c2jName" : "ListDomainNamesResponse",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>The result of a <code>ListDomainNames</code> operation. Contains the names of all Elasticsearch domains owned by this account.

<code>enums</code> : null,
<code>errorCode</code> : null,
<code>event</code> : false,
<code>eventStream</code> : false,
<code>explicitEventPayloadMember</code> : null,
<code>hasHeaderMember</code> : false,
<code>hasPayloadMember</code> : false,
<code>hasStatusCodeMember</code> : false,
<code>hasStreamingMember</code> : false,
<code>httpStatusCode</code> : null,
<code>marshaller</code> : null,
"members" : [ { "beanStyleGetterMethodName" : "getDomainNames",
"beanStyleSetterMethodName" : "setDomainNames",
"c2jName" : "DomainNames",
"c2jShape" : "DomainInfoList",
"defaultConsumerFluentSetterDocumentation" : "<p>List of Elasticsearch domain names. This is a convenience that creates an instance of the { @link List<DomainInfo>.Builder} avoiding the need to create one manually via { @link List<DomainInfo>#builder}().
When the { @link Consumer} completes, { @link List<DomainInfo>.Builder#build()} is called immediately and its result is passed to { @link List<DomainInfo>}.
@par..."",
"deprecated" : false,
"documentation" : "<p>List of Elasticsearch domain names.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "<p>List of Elasticsearch domain names. Returns a reference to this object so that method calls can be chained together.
@see #domainNames(List<DomainInfo>)"",
"deprecated" : false,
"documentation" : "<p>List of Elasticsearch domain names.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainNames",
"fluentSetterDocumentation" : "<p>List of Elasticsearch domain names. Returns a reference to this object so that method calls can be chained together."",
"fluentSetterMethodName" : "domainNames",
"getterDocumentation" : "<p>List of Elasticsearch domain names.
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
@returns List of Elasticsearch domain names.
"getterModel" : {
"returnType" : "java.util.List<DomainInfo>",
"documentation" : null
}.
"http": {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainNames",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainNames",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "DomainInfo",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [@link DomainInfo.Builder] avoiding the need to create one manually via {@link DomainInfo#builder()}. When the [@link Consumer] completes, [@link DomainInfo.Builder#build()] is called immediately and its result is passed to [@link #member(DomainInfo)].\n\n@see #member(DomainInfo)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@see #member(DomainInfo)",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of
the Member property for this object.

"getterModel" : {
    "returnType" : "DomainInfo",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@\n\n@param member The new value for the Member property for this object.

setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "DomainInfo",
    "variableName" : "member",
    "variableType" : "DomainInfo",
    "documentation" : null,
    "simpleType" : "DomainInfo",
    "variableSetterType" : "DomainInfo"
},

"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "DomainInfo",
    "variableName" : "member",
    "variableType" : "DomainInfo",
    "documentation" : "",
    "simpleType" : "DomainInfo",
    "variableSetterType" : "DomainInfo"}
"simpleType" : "DomainInfo",
"variableSetterType" : "DomainInfo"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>
",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "<p>List of Elasticsearch domain names.
@param domainNames List of
Elasticsearch domain names.
",
"setterMethodName" : "setDomainNames",
"setterModel" : {
"variableDeclarationType" : "java.util.List<DomainInfo>",
"variableName" : "domainNames",
"variableType" : "java.util.List<DomainInfo>",
"documentation" : null,
"simpleType" : "List<DomainInfo>",
"variableSetterType" : "java.util.Collection<DomainInfo>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<DomainInfo>",
"variableName" : "domainNames",
"variableType" : "java.util.List<DomainInfo>",
"documentation" : "<p>List of Elasticsearch domain names.
",
"simpleType" : "List<DomainInfo>",
"variableSetterType" : "java.util.Collection<DomainInfo>"
},
"xmlNameSpaceUri" : null
}]

"membersAsMap" : {
"DomainNames" : {
"beanStyleGetterMethodName" : "getDomainNames",
"beanStyleSetterMethodName" : "setDomainNames",
"c2jName" : "DomainNames",
"c2jShape" : "DomainInfoList",}
This is a convenience that creates an instance of the `List<DomainInfo>` avoiding the need to create one manually via `{@link List<DomainInfo>#builder()}`. When the `{@link Consumer}` completes, `{@link List<DomainInfo>#build()}` is called immediately and its result is passed to `{@link List<DomainInfo.Builder>}`.

When the `{@link Consumer}` completes, `{@link List<DomainInfo>.Builder#build()}` is called immediately and its result is passed to `{@link #domainNames(List<DomainInfo>)}`.

```
@see #domainNames(List<DomainInfo>)
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@deprecated
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@see #domainNames(List<DomainInfo>)
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@link List<DomainInfo>
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"interfaceType" : "java.util.List",
"listMemberModel" : {
  "beanStyleGetterMethodName" : "getMember",
  "beanStyleSetterMethodName" : "setMember",
  "c2jName" : "member",
  "c2jShape" : "DomainInfo",
  "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {@link DomainInfo.Builder} avoiding the need to create one manually via {@link DomainInfo#builder()}. When the {@link Consumer} completes, {@link DomainInfo.Builder#build()} is called immediately and its result is passed to {@link #member(DomainInfo)}. @param member a consumer that will call methods on {@link DomainInfo.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #member(DomainInfo)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.@return The value of the Member property for this object.",
  "getterModel" : {
    "returnType" : "DomainInfo",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  },
  "idempotencyToken" : false,
}
Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

@getter
public DomainInfo getMember();

@setter
public void setMember(DomainInfo member);

List of Elasticsearch domain names.

@getter
public List<String> getDomainNames();

@setter
public void setDomainNames(List<String> domainNames);
"setterModel" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : null,
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<DomainInfo>",
  "variableName" : "domainNames",
  "variableType" : "java.util.List<DomainInfo>",
  "documentation" : "List of Elasticsearch domain names.",
  "simpleType" : "List<DomainInfo>",
  "variableSetterType" : "java.util.Collection<DomainInfo>",
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainNames",
  "beanStyleSetterMethodName" : "setDomainNames",
  "c2jName" : "DomainNames",
  "c2jShape" : "DomainInfoList",
  "defaultConsumerFluentSetterDocumentation" : "List of Elasticsearch domain names.",
  "deprecated" : false,
  "documentation" : "List of Elasticsearch domain names.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainNames",
  "fluentSetterDocumentation" : "List of Elasticsearch domain names.",
  "fluentSetterMethodName" : "domainNames",
  "getterDocumentation" : "List of Elasticsearch domain names.",
  "getterImplementation" : null,
  "timestampFormat" : null,
}, {
  "beanStyleGetterMethodName" : "getDomainNames",
  "beanStyleSetterMethodName" : "setDomainNames",
  "c2jName" : "DomainNames",
  "c2jShape" : "DomainInfoList",
  "defaultConsumerFluentSetterDocumentation" : "List of Elasticsearch domain names.",
  "deprecated" : false,
  "documentation" : "List of Elasticsearch domain names.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainNames",
  "fluentSetterDocumentation" : "List of Elasticsearch domain names.",
  "fluentSetterMethodName" : "domainNames",
  "getterDocumentation" : "List of Elasticsearch domain names.",
  "getterImplementation" : null,
  "timestampFormat" : null,
} ];
"getterModel" : {
  "returnType" : "java.util.List<DomainInfo>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainNames",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainNames",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "DomainInfo",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the [{@link DomainInfo.Builder} avoiding the need to create one manually via [{@link DomainInfo#builder()}].\nWhen the [{@link Consumer} completes, [{@link DomainInfo.Builder#build()}] is called immediately and its result is passed to [{@link #member(DomainInfo)}].\n@see #member(DomainInfo)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n@see #member(DomainInfo)"
  }
},
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "DomainInfo",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the [{@link DomainInfo.Builder} avoiding the need to create one manually via [{@link DomainInfo#builder()}].\nWhen the [{@link Consumer} completes, [{@link DomainInfo.Builder#build()}] is called immediately and its result is passed to [{@link #member(DomainInfo)}].\n@see #member(DomainInfo)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n@see #member(DomainInfo)"}
The new value for the Member property for this object.

@r
eturn Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Ret
urns the value of the Member property for this object.

@return The value of the Member property for this object.

getterModel" : {
  "returnType" : "DomainInfo",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@r
am member The new value for the Member property for this object.

.setterMethod" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "DomainInfo",
  "variableName" : "member",
  "variableType" : "DomainInfo",
  "documentation" : null,
  "simpleType" : "DomainInfo",
  "variableSetterType" : "DomainInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "DomainInfo",
"variableName" : "member",
"variableType" : "DomainInfo",
"documentation" : ":",
"simpleType" : "DomainInfo",
"variableSetterType" : "DomainInfo"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "DomainInfo",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "DomainInfo",
"templateImplType" : "java.util.ArrayList<DomainInfo>",
"templateType" : "java.util.List<DomainInfo>
}
,"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "DomainNames",
"setterDocumentation" : "List of Elasticsearch domain names.
@param domainNames List of Elasticsearch domain names.,"
"setterMethodName" : "setDomainNames",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<DomainInfo>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<DomainInfo>",
 "documentation" : null,
 "simpleType" : "List<DomainInfo>",
 "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<DomainInfo>",
 "variableName" : "domainNames",
 "variableType" : "java.util.List<DomainInfo>",
 "documentation" : "List of Elasticsearch domain names.
@param domainNames List of Elasticsearch domain names.,",
 "simpleType" : "List<DomainInfo>",
 "variableSetterType" : "java.util.Collection<DomainInfo>"
},
"xmlNameSpaceUri" : null
} ]
,"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListDomainNamesResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ListDomainNamesResponse",
  "variableName" : "listDomainNamesResponse",
  "variableType" : "ListDomainNamesResponse",
  "documentation" : null,
  "simpleType" : "ListDomainNamesResponse",
  "variableSetterType" : "ListDomainNamesResponse"
},
"wrapper" : false
},
"ListElasticsearchInstanceTypesRequest" : {
  "c2jName" : "ListElasticsearchInstanceTypesRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters to the <code> <a>ListElasticsearchInstanceTypes</a> </code> operation. </p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "ListElasticsearchInstanceTypes",
    "locationName" : null,
    "requestUri" : "/2015-01-01/es/instanceTypes/{ElasticsearchVersion}"
  },
  "members" : [

"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultValueConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].
When the [@link String.Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link ElasticsearchVersion(String)].<br>
@see ElasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.
@return Returns a reference to this object so that method calls can be chained together.
@see ElasticsearchVersion(String)",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@return Version of Elasticsearch for which list of supported elasticsearch instance types are needed.
@see ElasticsearchVersion(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "uri",
  "marshallLocation" : "PATH",
  "marshallLocationName" : "ElasticsearchVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersion",
  "uri" : true
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchVersion",

"setterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed."

"setterMethodName" : "setElasticsearchVersion",

"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,

"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchVersion",
    "variableType" : "String",
    "documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
"simpleType" : "String",

"variableSetterType" : "String"
},

"xmlNameSpaceUri" : null

"beanStyleGetterMethodName" : "getDomainName",

"beanStyleSetterMethodName" : "setDomainName",

"c2jName" : "DomainName",

"c2jShape" : "DomainName",

"defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}.<p>@param domainName a consumer that will call methods on { @link String.Builder}@return Returns a reference to this object so that method calls can be chained together.<see #domainName(String)}",

"deprecated" : false,

"documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This
should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
"eventType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
@param domainName DomainName represents the name of the Domain that we are trying to modify.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
@return DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "queryString",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "domainName",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "domainName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name": "DomainName",
"setterDocumentation": "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.",
"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
  
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"beanStyleGetterMethodName": "getMaxResults",
"beanStyleSetterMethodName": "setMaxResults",
"c2jName": "MaxResults",
"c2jShape": "MaxResults",
"defaultConsumerFluentSetterDocumentation": "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
  
  <p>This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link maxResults(Integer)}. 
  
  <p>maxResults a consumer that will call methods on { @link Integer.Builder}\n  
  @return Returns a reference to this object so that method calls can be chained together.\n  
  <p>see #maxResults(Integer).
  
  "deprecated": false,
  
  "documentation": "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>"",
  
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
@return Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored."
"getterModel" : {
 "returnType" : "Integer",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : "querystring",
 "marshallLocation" : "QUERY_PARAM",
 "marshallLocationName" : "maxResults",
 "queryString" : true,
 "statusCode" : false,
 "unmarshallLocationName" : "maxResults",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "INTEGER",
 "name" : "MaxResults",
 "setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored."
"setterMethodName" : "setMaxResults",
"setterModel" : {
 "variableDeclarationType" : "Integer",
 "variableName" : "maxResults",
 "variableType" : "Integer",
 "documentation" : null,
 "simpleType" : "Integer"
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it won't be honored. </p>
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNamespaceUri" : null
},
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.

When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}.

@见 @link #nextToken(String),
"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>

@见 @param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

@return Returns a reference to this object so that method calls can be chained together.
  "getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>

@见 @return NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "nextToken",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "nextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "nextToken",
"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
@param nextToken NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. 
@param domainName a consumer that will call methods on { @link String.Builder} 
@return Returns a reference to this object so that method calls can be chained together. 
@see #domainName(String)",
"deprecated" : false,
"documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
@ see #domainName(String)",
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchVersion" : {
  "beanStyleGetterMethodName" : "getElasticsearchVersion",
  "beanStyleSetterMethodName" : "setElasticsearchVersion"}
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported
elasticsearch instance types are needed. </p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchVersion(String)}. @param elasticsearchVersion a consumer that will call methods on {@link String.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@return Version of Elasticsearch for which list of supported elasticsearch instance types are needed.",
"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : "uri",
   "marshallLocation" : "PATH",
   "marshallLocationName" : "ElasticsearchVersion",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "ElasticsearchVersion",
   "uri" : true
},
"idempotencyToken" : false,
"isBinary":false,
"jsonValue":false,
"list":false,
"listModel":null,
"map":false,
"mapModel":null,
"marshallingType":"STRING",
"name":"ElasticsearchVersion",
"setterDocumentation":"<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.",
"setterMethodName":"setElasticsearchVersion",
"setterModel":{
  "variableDeclarationType":"String",
  "variableName":"elasticsearchVersion",
  "variableType":"String",
  "documentation":null,
  "simpleType":"String",
  "variableSetterType":"String"
},
"simple":true,
"timestampFormat":null,
"variable":{
  "variableDeclarationType":"String",
  "variableName":"elasticsearchVersion",
  "variableType":"String",
  "documentation":null,
  "simpleType":"String",
  "variableSetterType":"String"
},
"xmlnsNameSpaceUri":null
},
"MaxResults":{
  "beanStyleGetterMethodName":"getMaxResults",
  "beanStyleSetterMethodName":"setMaxResults",
  "c2jName":"MaxResults",
  "c2jShape":"MaxResults",
  "defaultConsumerFluentSetterDocumentation":"<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>
@see #setMaxResults(Integer)
@returns Returns a reference to this object so that method calls can be chained together.
@deprecated"
  "documentation":"<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.\n@return Returns a reference to this object so that method calls can be chained together. ",
"getterSetterMethodName" : "maxResults",
"getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>\n@return Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "maxResults",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "maxResults",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>\n@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. ",
"setterMethodName" : "setMaxResults",
"setterModel" : {

"variableDeclarationType" : "Integer",
"variableName" : "maxResults",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "maxResults",
"variableType" : "Integer",
"documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it won't be honored. </p>
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
}

"NextToken" : {
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.
When the {@link Consumer} completes, the String.Builder#build() is called immediately and its result is passed to
{@link #nextToken(String)} a consumer that will call methods on the nextToken(String)

"deprecated" : false,
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result
containing NextToken. It is used for pagination. </p>
@param nextToken a consumer that will call methods on the nextToken(String)

return Returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>
return NextToken should be sent in case if earlier API call produced
"successCallback" : null,
"successDocuments" : null,
"successName" : null,
"successSchema" : null,
"successType" : null,
"successXmlNameSpaceUri" : null,
"successFluentSetterDocumentation" : null,
"successGetterDocumentation" : null,
"errorCallback" : null,
"errorDocuments" : null,
"errorName" : null,
"errorSchema" : null,
"errorType" : null,
"errorXmlNameSpaceUri" : null,
"errorFluentGetterDocumentation" : null,
"errorFluentSetterDocumentation" : null,
"errorDocumentsFluentSetterDocumentation" : null,
"errorDocumentsFluentSetterDocumentation" : null,
"errorDocumentsFluentGetterDocumentation" : null,
"errorDocumentsFluentGetterDocumentation" : null,
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"errorDocumentsFluentGetterDocumentation" : null,
"errorDocumentsFluentSetterDocumentation" : null,
"errorDocumentsFluentGetterDocumentation" : null,
NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.\n\nNextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination.
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. </p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getElasticsearchVersion",
"beanStyleSetterMethodName" : "setElasticsearchVersion",
"c2jName" : "ElasticsearchVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #elasticsearchVersion(String)}.@n@param elasticsearchVersion a consumer that will call methods on { @link String.Builder}@n@return Returns a reference to this object so that method calls can be chained together.@n@see #elasticsearchVersion(String)",
"deprecated" : false,
"documentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersion",
"fluentSetterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersion",
"getterDocumentation" : "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.@n@return Returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming": false,
"location": "uri",
"marshallLocation": "PATH",
"marshallLocationName": "ElasticsearchVersion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ElasticsearchVersion",
"uri": true
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ElasticsearchVersion",
"setterDocumentation": "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
@param elasticsearchVersion Version of Elasticsearch for which list of supported elasticsearch instance types are needed.
",
"setterMethodName": "setElasticsearchVersion",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "elasticsearchVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "elasticsearchVersion",
  "variableType": "String",
  "documentation": "<p>Version of Elasticsearch for which list of supported elasticsearch instance types are needed. </p>
",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getDomainName",
"beanStyleSetterMethodName": "setDomainName",
"c2jName": "DomainName",
"c2jShape": "DomainName",
"defaultConsumerFluentSetterDocumentation": "<p>DomainName represents the name of the Domain that we
are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].

When the [@link Consumer] completes, [@link String.Builder#build()]) is called immediately and its result is passed to [@link #domainName(String)].

@returns Returns a reference to this object so that method calls can be chained together.

@see #domainName(String)

"deprecated" : false,
"documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

"getterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>

"returnModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "queryString",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "domainName",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "domainName",
"uri" : false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>@param domainName DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain."
,"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>DomainName represents the name of the Domain that we are trying to modify. This should be present only if we are querying for list of available Elasticsearch instance types when modifying existing domain. </p>
,"simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"
beanStyleGetterMethodName" : "getMaxResults",
"beanStyleSetterMethodName" : "setMaxResults",
"c2jName" : "MaxResults",
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored. </p>@param maxResults a consumer that will call methods on {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}. When the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link maxResults(Integer)}. Returns a reference to this object so that method calls can be chained together.@see
"maxResults(Integer)",
"deprecated" : false,
"documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it won't be honored. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "maxResults",
"fluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it won't be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it won't be honored.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "maxResults",
"getterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 30 else it won't be honored. </p>
@return Set this value to limit the number of results returned. Value provided must be greater than 30 else it won't be honored.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "querystring",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "maxResults",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "maxResults",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "MaxResults",
"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be
greater than 30 else it wont be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.,

"setterMethodName" : "setMaxResults",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "Set this value to limit the number of results returned. Value provided must be greater than 30 else it wont be honored.",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #nextToken(String) \}.\n@\param nextToken a consumer that will call methods on \{ @link String.Builder \}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
"deprecated" : false,
"documentation" : "NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.\n@\return Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "NextToken should be sent in case if earlier API call produced result containing NextToken. It is used for pagination.\n@\return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>
\n@return NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination."
,
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : "querystring",
  "marshallLocation" : "QUERY_PARAM",
  "marshallLocationName" : "nextToken",
  "queryString" : true,
  "statusCode" : false,
  "unmarshallLocationName" : "nextToken",
  "uri" : false
},

"idempotencyToken" : false,

"simple" : true,

"setterDocumentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>
\n@param nextToken NextToken should be sent in case if earlier API call produced
result containing NextToken. It is used for pagination."
,
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,

"timestampFormat" : null,

"variable" : {
"variableDeclarationType" : "String",
"variableName" : "nextToken",
"variableType" : "String",
"documentation" : "<p>NextToken should be sent in case if earlier API call produced result containing
NextToken. It is used for pagination. </p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlnsNameSpaceUri" : null
}]
,"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ElasticsearchVersion" ],
"shapeName" : "ListElasticsearchInstanceTypesRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "ListElasticsearchInstanceTypesRequest",
  "variableName" : "listElasticsearchInstanceTypesRequest",
  "variableType" : "ListElasticsearchInstanceTypesRequest",
  "documentation" : null,
  "simpleType" : "ListElasticsearchInstanceTypesRequest",
  "variableSetterType" : "ListElasticsearchInstanceTypesRequest"
},
"wrapper" : false
},
"ListElasticsearchInstanceTypesResponse" : {
  "c2jName" : "ListElasticsearchInstanceTypesResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTarget DepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p> Container for the parameters returned by <code>
  <a>ListElasticsearchInstanceTypes</a> </code> operation. </p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "errorMessage" : false,
  "hasHeaderPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
  "c2jName" : "ElasticsearchInstanceTypes",
  "c2jShape" : "ElasticsearchInstanceTypeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>List of instance types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code> <p>This is a convenience that creates an instance of the {@link List&lt;String&gt;.Builder} avoiding the need to create one manually via {@link List&lt;String&gt;#builder()}.<p>When the {@link Consumer} completes, {@link List&lt;String&gt;.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchInstanceTypesAsStrings(List&lt;String&gt;)}.<p>param elasticsearchInstanceTypes a consumer that will call methods on {@link List&lt;String&gt;.Builder}<p>@return Returns a reference to this object so that method calls can be chained together.<p>@see #elasticsearchInstanceTypesWithStrings(List&lt;String&gt;)",
  "deprecated" : false,
  "documentation" : "List of instance types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code> "
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "elasticsearchInstanceTypes",
  "fluentEnumSetterMethodName" : "elasticsearchInstanceTypes",
  "fluentGetterMethodName" : "elasticsearchInstanceTypesAsStrings",
  "fluentSetterDocumentation" : "List of instance types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code> "
  "fluentSetterMethodName" : "elasticsearchInstanceTypesWithStrings",
  "getterDocumentation" : "List of instance types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code> "
  "getterModel" : {
    "returnType" : "java.util.List&lt;String&gt;",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchInstanceTypes",
    "queryString" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n@\n@param member The new value for the Member property for this object.\n@\n@see ESPartitionInstanceType",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"setterDocumentation" : "<p>List of instance types supported by Amazon Elasticsearch service for given
<code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code> &lt;/p&gt;
@param elasticsearchInstanceTypes List of instance types supported by Amazon Elasticsearch service for given
<code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code>,
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"}
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",
  "variableType" : "java.util.List<String>",
  "documentation" : "List of instance types supported by Amazon Elasticsearch service for given
<code>&lt;a&gt;ElasticsearchVersion&lt;/a&gt;</code> &lt;/p&gt;
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken
would be present, make further request to the same API with received NextToken to paginate remaining results.
</p>
In this is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one
manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()}
is called immediately and its result is passed to {@link #nextToken(String)}. In @param nextToken a consumer that
will call methods on {@link String.Builder}@return Returns a reference to this object so that method calls can be
chained together.@see #nextToken(String)",
"deprecated" : false,
"documentation" : "In case if there are more results available NextToken would be present, make further
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request to the same API with received NextToken to paginate remaining results. <p>"}
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "nextToken",
    "fluentSetterDocumentation" : "<p>In case if there are more results available NextToken would be present,
    make further request to the same API with received NextToken to paginate remaining results. </p>\n@param
nextToken In case if there are more results available NextToken would be present, make further request to the same
API with received NextToken to paginate remaining results.\n@return Returns a reference to this object so that
method calls can be chained together.",
    "fluentSetterMethodName" : "nextToken",
    "getterDocumentation" : "<p>In case if there are more results available NextToken would be present, make
    further request to the same API with received NextToken to paginate remaining results. </p>
    @return In case if there are more results available NextToken would be present, make further request to the same API with received
NextToken to paginate remaining results."",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "NextToken",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "NextToken",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "NextToken",
    "setterDocumentation" : "<p>In case if there are more results available NextToken would be present, make
    further request to the same API with received NextToken to paginate remaining results. </p>\n@param nextToken

In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.

```
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "ElasticsearchInstanceTypes" : {
    "beanStyleGetterMethodName" : "getElasticsearchInstanceTypesAsStrings",
    "beanStyleSetterMethodName" : "setElasticsearchInstanceTypesWithStrings",
    "c2jName" : "ElasticsearchInstanceTypes",
    "c2jShape" : "ElasticsearchInstanceTypeList",
    "defaultConsumerFluentSetterDocumentation" : "List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.
    This is a convenience that creates an instance of the [ @link List<String> .Builder] avoiding the need to create one manually via [ @link List<String>#builder() ].
    When the [ @link Consumer] completes, [ @link List<String>.Builder#build()] is called immediately and its result is passed to [ @link ElasticsearchInstanceTypesAsStrings(List<String>)] .
    @param elasticsearchInstanceTypes a consumer that will call methods on [ @link ElasticsearchInstanceTypesWithStrings(List<String>)] .
    @return Returns a reference to this object so that method calls can be chained together.
    @see #elasticsearchInstanceTypesWithStrings(List<String>)",
    "deprecated" : false,
    "documentation" : "List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : "elasticsearchInstanceTypes",
    "fluentEnumSetterMethodName" : "elasticsearchInstanceTypes",
    "fluentGetterMethodName" : "elasticsearchInstanceTypesAsStrings",
    "fluentSetterDocumentation" : "List of instance types supported by Amazon Elasticsearch service for gun
```
given `<code>` ElasticsearchVersion`</code>` 

```java
@ElasticsearchVersion
public List<InstanceType> getElasticsearchInstanceTypes()
```
The new value for the Member property for this object.

If the service returns an enum value that is not available in the current SDK version, \[@link #member\] will return \[@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION\]. The raw value returned by the service is available from \[@link #memberAsString\].

\n
@returns The value of the Member property for this object.

\n
@see ESPartitionInstanceType"},
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "member",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "member",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "Member",
    "setterDocumentation" : "Sets the value of the Member property for this object.\n\n@returns The new value for the Member property for this object.\n\n@see ESPartitionInstanceType",
    "setterMethodName" : "setMember"
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"setterDocumentation" : "List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a> </code>.<p><@param elasticsearchInstanceTypes List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a> </code>",

"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",

"setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "elasticsearchInstanceTypes",
    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchInstanceTypes",
  "variableType" : "java.util.List<String>",
  "documentation" : "List of instance types supported by Amazon Elasticsearch service for given <code><a>ElasticsearchVersion</a></code>.",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."
},

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()]. When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [nextToken(String)].

In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results. In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.

"deprecated" : false,
"documentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."
,"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."
,"getterDocumentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results."
,"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "\nIn case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.\n\n@\param\ nextToken
In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.\n",
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "\nIn case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.\n",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
This is a convenience that creates an instance of the \{@link List\<String\>.Builder\} avoiding the need to create one manually via \{@link List\<String\>\#builder()\}. When the \{@link Consumer\} completes, \{@link List\<String\>\#Builder\#build()\} is called immediately and its result is passed to \{@link #elasticsearchInstanceTypesAsStrings(List\<String\>)\}. \n@param elasticsearchInstanceTypes a consumer that will call methods on \{@link List\<String\>\#Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchInstanceTypesWithStrings(List\<String\>)\n\n"deprecated" : false,
"documentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code> </p>\n
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "elasticsearchInstanceTypes",
"fluentEnumSetterMethodName" : "elasticsearchInstanceTypes",
"fluentGetterMethodName" : "elasticsearchInstanceTypesAsStrings",
"fluentSetterDocumentation" : "<p> List of instance types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code> </p>\n
\n\nATTEMPTS to modify the collection returned by this method will result in a UnsupportedOperation
Exception.\n\n@return List of instance types supported by Amazon Elasticsearch service for given <code> <a>ElasticsearchVersion</a> </code> <code>\n</code>\n\n\n"getterModel" : {\n    "returnType" : "java.util.List\<String\>",\n    "documentation" : null\n},\n"http" : {\n    "additionalMarshallingPath" : null,\n    "additionalUnmarshallingPath" : null,\n    "flattened" : false,\n    "greedy" : false,\n    "header" : false,\n    "isPayload" : false,\n    "isStreaming" : false,\n    "location" : null,\n    "marshallLocation" : "PAYLOAD",\n    "marshallLocationName" : "ElasticsearchInstanceTypes",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceTypes",
"uri" : false,
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMemberAsString",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #memberAsString(String)\}.\n
@param member a consumer that will call methods on \{@link String.Builder\}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "member",
"fluentEnumSetterMethodName" : "member",
"fluentGetterMethodName" : "memberAsString",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.\n@returns ESPartitionInstanceType\n@returns Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\nIf the service returns an enum value that is not available in the current SDK version, \{\@link #member\} will return \{\@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION\}. The raw value returned by the service is available from \{\@link #memberAsString\}.\n@returns Returns the value of the Member property for this object.\n@see ESPartitionInstanceType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false,
},
"idempotencyToken": false,
"isBinary": false,
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"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

@see ESPartitionInstanceType",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlnsNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"}
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchInstanceTypes",
"setterDocumentation" : "<p>List of instance types supported by Amazon Elasticsearch service for given
<code><a>ElasticsearchVersion</a></code></p>
@param elasticsearchInstanceTypes List of instance types supported by Amazon Elasticsearch service for given
<code><a>ElasticsearchVersion</a></code>
"setterMethodName" : "setElasticsearchInstanceTypesWithStrings",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "elasticsearchInstanceTypes",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "elasticsearchInstanceTypes",
"variableType" : "java.util.List<String>",
"documentation" : "List of instance types supported by Amazon Elasticsearch service for given
<code><a>ElasticsearchVersion</a></code>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "<p>In case if there are more results available NextToken
would be present, make further request to the same API with received NextToken to paginate remaining results.
</p><p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one
manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is
called immediately and its result is passed to {@link String#nextToken(String)}.
@returns a reference to this object so that method calls can be chained together.</p>
@see #nextToken(String)",
"deprecated" : false,
In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.

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further request to the same API with received NextToken to paginate remaining results. </p>
@returns
In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.

```
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "In case if there are more results available NextToken would be present, make further request to the same API with received NextToken to paginate remaining results.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
```

"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ListElasticsearchInstanceTypesResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ListElasticsearchInstanceTypesResponse",
  "variableName" : "listElasticsearchInstanceTypesResponse",
  "variableType" : "ListElasticsearchInstanceTypesResponse",
  "documentation" : null,
  "simpleType" : "ListElasticsearchInstanceTypesResponse",
  "variableSetterType" : "ListElasticsearchInstanceTypesResponse"
},
"wrapper" : false
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"ListElasticsearchVersionsRequest" : {
  "c2jName" : "ListElasticsearchVersionsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "extraRequirements" : null,
    "methodCall" : "ListElasticsearchVersions",
    "requestBody" : null,
    "signature" : null,
    "xmlNameSpaceUri" : null
  }
},
"required" : null,
"shapeName" : "ListElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ListElasticsearchVersionsResponse",
  "variableName" : "listElasticsearchVersionsResponse",
  "variableType" : "ListElasticsearchVersionsResponse",
  "documentation" : null,
  "simpleType" : "ListElasticsearchVersionsResponse",
  "variableSetterType" : "ListElasticsearchVersionsResponse"
},
"wrapper" : false
```

"ListElasticsearchVersionsRequest" : {
  "c2jName" : "ListElasticsearchVersionsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "extraRequirements" : null,
    "methodCall" : "ListElasticsearchVersions",
    "requestBody" : null,
    "signature" : null,
    "xmlNameSpaceUri" : null
  }
},
"required" : null,
"shapeName" : "ListElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ListElasticsearchVersionsResponse",
  "variableName" : "listElasticsearchVersionsResponse",
  "variableType" : "ListElasticsearchVersionsResponse",
  "documentation" : null,
  "simpleType" : "ListElasticsearchVersionsResponse",
  "variableSetterType" : "ListElasticsearchVersionsResponse"
},
"wrapper" : false
```

"ListElasticsearchVersionsRequest" : {
  "c2jName" : "ListElasticsearchVersionsRequest",
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    "artificialResultWrapper" : null,
    "extraRequirements" : null,
    "methodCall" : "ListElasticsearchVersions",
    "requestBody" : null,
    "signature" : null,
    "xmlNameSpaceUri" : null
  }
},
"required" : null,
"shapeName" : "ListElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ListElasticsearchVersionsResponse",
  "variableName" : "listElasticsearchVersionsResponse",
  "variableType" : "ListElasticsearchVersionsResponse",
  "documentation" : null,
  "simpleType" : "ListElasticsearchVersionsResponse",
  "variableSetterType" : "ListElasticsearchVersionsResponse"
},
"wrapper" : false
```

"ListElasticsearchVersionsRequest" : {
  "c2jName" : "ListElasticsearchVersionsRequest",
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    "artificialResultWrapper" : null,
    "extraRequirements" : null,
    "methodCall" : "ListElasticsearchVersions",
    "requestBody" : null,
    "signature" : null,
    "xmlNameSpaceUri" : null
  }
},
"required" : null,
"shapeName" : "ListElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ListElasticsearchVersionsResponse",
  "variableName" : "listElasticsearchVersionsResponse",
  "variableType" : "ListElasticsearchVersionsResponse",
  "documentation" : null,
  "simpleType" : "ListElasticsearchVersionsResponse",
  "variableSetterType" : "ListElasticsearchVersionsResponse"
},
"wrapper" : false
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"ListElasticsearchVersionsRequest" : {
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"required" : null,
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"wrapper" : false
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"ListElasticsearchVersionsRequest" : {
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"wrapper" : false
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"ListElasticsearchVersionsRequest" : {
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    "extraRequirements" : null,
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"wrapper" : false
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"ListElasticsearchVersionsRequest" : {
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"wrapper" : false
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"ListElasticsearchVersionsRequest" : {
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  "documentation" : null,
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  "variableSetterType" : "ListElasticsearchVersionsResponse"
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    "target" : null,
    "verb" : "GET",
    "xmlnsSpaceUri" : null
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    "beanStyleSetterMethodName" : "setMaxResults",
    "c2jName" : "MaxResults",
    "c2jShape" : "MaxResults",
    "defaultConsumerFluentSetterDocumentation" : "Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. <p>

This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}.<p>@param maxResults a consumer that will call methods on { @link Integer.Builder}<p>@return Returns a reference to this object so that method calls can be chained together.<p>@see #maxResults(Integer)",
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@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. 
@return Returns a reference to this object so that method calls can be chained together.",
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"getterDocumentation": "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>
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    "documentation": null
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    "marshallLocationName": "maxResults",
    "queryString": true,
    "statusCode": false,
    "unmarshallLocationName": "maxResults",
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"isBinary": false,
"jsonValue": false,
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@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. 
@return Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. 
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"variableSetterType" : "Integer"
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  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
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"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object. This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #nextToken(String) }. 

When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #nextToken(String) }.

@param nextToken a consumer that will call methods on { @link String.Builder }.
@return Returns a reference to this object so that method calls can be chained together. 

@see #nextToken(String)",
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"fluentGetterMethodName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.

The new value for the NextToken property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
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"getterDocumentation" : "Returns the value of the NextToken property for this object.

The value of the NextToken property for this object.

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  "variableSetterType": "String"
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}
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    "unmarshallLocationName" : "nextToken",
    "uri" : false
  }
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  "variableSetterType": "String"
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  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
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"xmlNameSpaceUri": null
}
"c2jShape" : "MaxResults",
"defaultConsumerFluentSetterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>

This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via { @link Integer#builder()}. When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #maxResults(Integer)}. @n@n@return Returns a reference to this object so that method calls can be chained together.

@see #maxResults(Integer)",
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"documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>

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@returns a reference to this object so that method calls can be chained together.

@see #maxResults(Integer)",
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@method calls can be chained together.

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@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it won't be honored.",
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@param nextToken a consumer that will call methods on [@link String.Builder]
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"fluentEnumSetterMethodName" : null,
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"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.

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@return Returns a reference to this object so that method calls can be chained together.",
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@return The value of the NextToken property for this object.",
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"unmarshallLocationName" : "maxResults",
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"idempotencyToken" : false,
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"marshallingType" : "INTEGER",
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"setterDocumentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>
@param maxResults Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. 

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  "variableSetterType" : "Integer"
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  "variableName" : "maxResults",
  "variableType" : "Integer",
  "documentation" : "<p> Set this value to limit the number of results returned. Value provided must be greater than 10 else it wont be honored. </p>"
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
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"xmlNameSpaceUri" : null
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"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultValueFluentSetterDocumentation" : "Sets the value of the NextToken property for this
object.\n\nThis is a convenience that creates an instance of the [link String.Builder] avoiding the need to create
one manually via [link String#builder()]. When the [link Consumer] completes, [link 
String.Builder#build()] is called immediately and its result is passed to [link 
#nextToken(String)].
\n@param nextToken a consumer that will call methods on [link String.Builder]
\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #nextToken(String)",
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"fluentEnumSetterMethodName" : null,
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"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.\n\nThe new value for the NextToken property for this object.\n\n@returns Returns a reference to this object so that method calls can be chained together.",
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"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.

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  "documentation" : "",
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  "variableSetterType" : "String"
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"wrapper" : false
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    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "NextToken",
    "setterDocumentation" : "Sets the value of the NextToken property for this object.

@param nextToken The new value for the NextToken property for this object.",
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      "documentation" : null,
      "simpleType" : "String",
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    },
    "simple" : true,
    "timestampFormat" : null,
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      "variableName" : "nextToken",
      "variableType" : "String",
      "documentation" : "",
      "simpleType" : "String",
      "variableSetterType" : "String"
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    "xmlNameSpaceUri" : null
  ]
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"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> Container for the parameters for response received from <code>
<a>ListElasticsearchVersions</a></code> operation. </p>
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
{ "beanStyleGetterMethodName" : "getElasticsearchVersions",
"beanStyleSetterMethodName" : "setElasticsearchVersions",
"c2jName" : "ElasticsearchVersions",
"c2jShape" : "ElasticsearchVersionList",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.
This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the {@link Consumer} completes, {
"href="#elasticsearchVersions(List<String>).Builder#build()} is called immediately and its result is passed to {
"href="#elasticsearchVersions(List<String>).Builder#build()}
@see #elasticsearchVersions(List<String>)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersions",
"fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.
@see #elasticsearchVersions(List<String>)
@returns a reference to this object so that method calls can be chained together.
@returns Returns a reference to this object so that method calls can be chained together.
@returns The new value for the ElasticsearchVersions property for this object.
@returns Returns a reference to this object so that method calls can be chained together.
@returns Returns the value of the ElasticsearchVersions property for this object.
@returns Attempts to modify the collection returned by this method will result in an UnsupportedOperation
@returns The value of the ElasticsearchVersions property for this object.
@returns "java.util.List<String>"
}"
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String"}
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n\n@param elasticsearchVersions The new value for the ElasticsearchVersions property for this object.",
"setterMethodName" : "setElasticsearchVersions",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "elasticsearchVersions",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>",
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this
This is a convenience that creates an instance of the `String.Builder` avoiding the need to create one manually via `String.builder()`. When the `Consumer` completes, `String.Builder#build()` is called immediately and its result is passed to `#nextToken(String)`. A consumer that will call methods on `String.Builder`.

@see #nextToken(String)

The new value for the `NextToken` property for this object.

@see #nextToken(String)

The value of the `NextToken` property for this object.

@see #nextToken(String)

@see #nextToken(String)
"setterDocumentation" : "Sets the value of the NextToken property for this object.

@param nextToken The new value for the NextToken property for this object."

"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "ElasticsearchVersions" : {
    "beanStyleGetterMethodName" : "getElasticsearchVersions",
    "beanStyleSetterMethodName" : "setElasticsearchVersions",
    "c2jName" : "ElasticsearchVersions",
    "c2jShape" : "ElasticsearchVersionList",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.

This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the {@link Consumer} completes, {@link List<String>.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchVersions(List<String>)}.

@see #elasticsearchVersions(List<String>)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "elasticsearchVersions",
    "fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.

@see #elasticsearchVersions(List<String>)",
    "fluentSetterMethodName" : "elasticsearchVersions",
    "fluentSetterName" : "elasticsearchVersions"
  }
}
"getterDocumentation": "Returns the value of the ElasticsearchVersions property for this object.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The value of the ElasticsearchVersions property for this object.",

"getterModel": {
  "returnType": "java.util.List<String>",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "ElasticsearchVersions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "ElasticsearchVersions",
  "uri": false
},

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": true,

"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \[@link String.Builder\] avoiding the need to create one manually via \[@link String#builder()\]. When the \[@link Consumer\] completes, \[@link String.Builder#build()\] is called immediately and its result is passed to \[@link #member(String)\].\n
@param member a consumer that will call methods on \[@link String.Builder\]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
  
Open Source Used In Data Center Network Manager 11 11.5(4) 23607
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object"

@\n\n@param member
The new value for the Member property for this object

@return

Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object"

@\n\n@return
The value of the Member property for this object.”,
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object"

@\n\n@param member
The new value for the Member property for this object.”,
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"NextToken" : {
  "beanStyleGetterMethodName" : "getNextToken",
  "beanStyleSetterMethodName" : "setNextToken",
  "c2jName" : "NextToken",
  "c2jShape" : "NextToken",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #nextToken(String)}.\n@param@ nextToken a consumer that will call methods on { @link String.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #nextToken(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "nextToken",
  "fluentSetterDocumentation" : "Sets the value of the NextToken property for this object. \n@returns The new value for the NextToken property for this object.\n@returns\n@param@ nextToken The new value for the NextToken property for this object.\n@returns Returns a reference to this object so that method calls can be chained together.\n",
  "fluentSetterMethodName" : "nextToken",
  "getterDocumentation" : "Returns the value of the NextToken property for this object.\n@returns The value of the NextToken property for this object."
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "NextToken",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "NextToken",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.

@param nextToken The new value for the NextToken property for this object.",
"setterMethodName" : "setNextToken",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "nextToken",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,

"nonStreamingMembers" : [
    {
        "beanStyleGetterMethodName" : "getElasticsearchVersions",
        "beanStyleSetterMethodName" : "setElasticsearchVersions",
        "c2jName" : "ElasticsearchVersions",
        "c2jShape" : "ElasticsearchVersionList",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.

This is a convenience that creates an instance of the [\link List\langle String\rangle.Builder] avoiding the need to create one manually via [\link List\langle String\rangle#builder()].

When the [\link Consumer] completes, [\link List\langle String\rangle.Builder#build()] is called immediately and its result is passed to [\link ElasticsearchVersions(List\langle String\rangle)\].

@see ElasticsearchVersions(List\langle String\rangle)\]
@deprecated "Returns a reference to this object so that method calls can be chained together."
"@param $\text{elasticsearchVersions:List$\langle String\rangle$}\]
@link ElasticsearchVersions(List\langle String\rangle)\]
@see ElasticsearchVersions(List\langle String\rangle)\],

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchVersions",
"fluentSetterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.

@param elasticsearchVersions The new value for the ElasticsearchVersions property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchVersions",
"getterDocumentation" : "Returns the value of the ElasticsearchVersions property for this object.
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return The value of the ElasticsearchVersions property for this object.",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayLoad" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchVersions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchVersions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "ElasticsearchVersionString",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the [ @link String.Builder ] avoiding the need to create
one manually via [ @link String#builder() ].

When the [ @link Consumer ] completes, [ @link String.Builder#build() ] is called immediately and its result is passed to [ @link #member(String) ].

@see #member(String)
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterMethodName" : null,
"getterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"getterMethodName" : "member",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "Member",
  "variableValue" : "member"}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}.
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlnsSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "ElasticsearchVersions",
"setterDocumentation" : "Sets the value of the ElasticsearchVersions property for this object.\n@param
elasticsearchVersions The new value for the ElasticsearchVersions property for this object.\n",
"setterMethodName" : "setElasticsearchVersions",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "elasticsearchVersions",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>",
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "elasticsearchVersions",
"variableType" : "java.util.List<String>",
"variableSetterType" : "java.util.List<String>",}
"documentation" : "",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlnsSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getNextToken",
"beanStyleSetterMethodName" : "setNextToken",
"c2jName" : "NextToken",
"c2jShape" : "NextToken",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the NextToken property for this object. This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder].

When the [Consumer] completes, [String.Builder] is called immediately and its result is passed to [nextToken(String)].

@throws IllegalArgumentException
@param nextToken a consumer that will call methods on [String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #nextToken(String)
",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventType" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetMethodterName" : "nextToken",
"fluentSetterDocumentation" : "Sets the value of the NextToken property for this object.

When the [Consumer] completes, [String.Builder] is called immediately and its result is passed to [nextToken(String)].

@throws IllegalArgumentException
@param nextToken a consumer that will call methods on [String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "nextToken",
"getterDocumentation" : "Returns the value of the NextToken property for this object.

When the [Consumer] completes, [String.Builder] is called immediately and its result is passed to [nextToken(String)].

@throws IllegalArgumentException
@return The value of the NextToken property for this object.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
}
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NextToken",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NextToken",
"xmlNameSpaceUri" : null
}
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NextToken",
"setterDocumentation" : "Sets the value of the NextToken property for this object.
@param nextToken The new value for the NextToken property for this object."
"setterMethodName" : "setNextToken",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "nextToken",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
} ]
,"requestSignerAware" : false,
"requestSignerClassFqn" : null,
"required" : null,
"shapeName" : "ListElasticsearchVersionsResponse",
"simpleMethod" : false,
"unmarshalller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ListElasticsearchVersionsResponse",
  "variableName" : "listElasticsearchVersionsResponse",
  "variableType" : "ListElasticsearchVersionsResponse",
  "documentation" : null,
"simpleType" : "ListElasticsearchVersionsResponse",
"variableSetterType" : "ListElasticsearchVersionsResponse"
},
"wrapper" : false
],
"ListTagsRequest" : {
"c2jName" : "ListTagsRequest",
"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelClass" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Container for the parameters to the <code><a>ListTags</a></code> operation. Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view are attached.</p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : {
 "action" : "ListTags",
 "locationName" : null,
 "requestUri" : "/2015-01-01/tags/",
 "target" : null,
 "verb" : "GET",
 "xmlNameSpaceUri" : null
 },
 "members" : [{
 "beanStyleGetterMethodName" : "getArn",
 "beanStyleSetterMethodName" : "setArn",
 "c2jName" : "ARN",
 "c2jShape" : "ARN",
 "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the completion of the Consumer completes, the String.Builder is called immediately and its result is passed to the method that will call methods on the String.Builder. Returns a reference to this object so that method calls can be chained together.

@see #arn(String)",
 "deprecated" : false,
Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.

```java
@arn
return
```

Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.

```java
@arn
return
```

```java
@arn
return
```
"setterMethodName": "setArn",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "arn",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "arn",
"variableType": "String",
"documentation": "<p>Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
}],
"membersAsMap": {
"ARN": {
"beanStyleGetterMethodName": "getArn",
"beanStyleSetterMethodName": "setArn",
"c2jName": "ARN",
"c2jShape": "ARN",
"defaultConsumerFluentSetterDocumentation": "<p>Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.</p>This is a convenience that creates an instance of
the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.
When the
{@link Consumer} completes, it is called immediately and its result is passed to
{@link String#build()}.<p>
@see #arn(String)
</p>
@deprecated false,
"documentation": "<p>Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "arn",
"fluentSetterDocumentation": "<p>Specify the <code>ARN</code> for the Elasticsearch domain to which
the tags are attached that you want to view.</p>@param arn Specify the <code>ARN</code> for the Elasticsearch
domain to which the tags are attached that you want to view.
@see #arn(String)
</p>
@deprecated false,
"documentation": "<p>Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "arn",
"fluentSetterDocumentation": "<p>Specify the <code>ARN</code> for the Elasticsearch domain to which
the tags are attached that you want to view.</p>
@see #arn(String)
</p>
@deprecated false,
"documentation": "<p>Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are
attached that you want to view.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"getterDocumentation": "Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": "querystring",
  "marshallLocation": "QUERY_PARAM",
  "marshallLocationName": "arn",
  "queryString": true,
  "statusCode": false,
  "unmarshallLocationName": "arn",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ARN",
"setterDocumentation": "Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.",
"setterMethodName": "setArn",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "arn",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String"}
"variableName" : "arn",
"variableType" : "String",
"documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getArn",
  "beanStyleSetterMethodName" : "setArn",
  "c2jName" : "ARN",
  "c2jShape" : "ARN",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.
When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link String(String)}.
\@param arn a consumer that will call methods on { @link String.Builder}\n\@return Returns a reference to this object so that method calls can be chained together.\n\@see #arn(String)",
  "deprecated" : false,
  "documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "arn",
  "fluentSetterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
\@param arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.\n\@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "arn",
  "getterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>
\@return Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view."
},
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : "queryString",
"marshallLocation" : "QUERY_PARAM",
"marshallLocationName" : "arn",
"queryString" : true,
"statusCode" : false,
"unmarshallLocationName" : "arn",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>\n\n@\n\n\n@param arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.",
"setterMethodName" : "setArn",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "arn",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
}
],
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "arn",
"variableType" : "String",
"documentation" : "<p> Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.</p>\n\n@\n\n\n@param arn Specify the <code>ARN</code> for the Elasticsearch domain to which the tags are attached that you want to view.",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
]
],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ARN" ],
"shapeName" : "ListTagsRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "ListTagsRequest",
  "variableName" : "listTagsRequest",
  "variableType" : "ListTagsRequest",
  "documentation" : null,
  "simpleType" : "ListTagsRequest",
  "variableSetterType" : "ListTagsRequest"
},
"wrapper" : false
},
"ListTagsResponse" : {
  "c2jName" : "ListTagsResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "The result of a ListTags operation. Contains tags for all requested Elasticsearch domains."
},
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [
  { "beanStyleGetterMethodName" : "getTagList",
    "beanStyleSetterMethodName" : "setTagList",
    "c2jName" : "TagList",
    "c2jShape" : "TagList",
    "defaultConsumerFluentSetterDocumentation" : "List of Tag for the requested Elasticsearch domain."
},
  "deprecated" : false,
  "documentation" : "List of Tag for the requested Elasticsearch domain."
}
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.
@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
</p>

"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "<p> List of <code>Tag</code> for the requested Elasticsearch domain.
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.
</p>

@return List of <code>Tag</code> for the requested Elasticsearch domain.

"getterModel" : {
  "returnType" : "java.util.List<Tag>",
  "documentation" : null
}

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TagList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TagList",
  "uri" : false
}

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [ @link Tag.Builder] avoiding the need to create one
When the \[@link Consumer\] completes, \[@link Tag.Builder\#build\] is called immediately and its result is passed to \[@link #member\].

@see #member

The new value for the \[Member\] property for this object.

@returns

An \(\text{Object}\) that contains the updated \[Member\] property.
value for the Member property for this object.

```
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : 
  
  List of <code>Tag</code> for the requested Elasticsearch
  domain.

@n@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.

"setterMethodName" : "setTagList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : null,
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>
}.
"simple" : false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<Tag>",
  "variableName": "tagList",
  "variableType": "java.util.List<Tag>",
  "documentation": "List of <code>Tag</code> for the requested Elasticsearch domain.\n\nThis is a convenience that creates an instance of the {@link List<Tag>.Builder} avoiding the need to create one manually via {@link List<Tag>#builder()}.\n\nWhen the {@link Consumer} completes, {@link List<Tag>.Builder#build()} is called immediately and its result is passed to {@link #tagList(List<Tag>)}.\n\n@see #tagList(List<Tag>)",
  "simpleType": "List<Tag>",
  "variableSetterType": "java.util.Collection<Tag>"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
  "TagList": {
    "beanStyleGetterMethodName": "getTagList",
    "beanStyleSetterMethodName": "setTagList",
    "c2jName": "TagList",
    "c2jShape": "TagList",
    "deprecated": true,
    "documentation": "List of <code>Tag</code> for the requested Elasticsearch domain.\n\nThis is a convenience that creates an instance of the {@link List<Tag>.Builder} avoiding the need to create one manually via {@link List<Tag>#builder()}.\n\nWhen the {@link Consumer} completes, {@link List<Tag>.Builder#build()} is called immediately and its result is passed to {@link #tagList(List<Tag>)}.\n\n@see #tagList(List<Tag>)",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "tagList",
    "fluentSetterDocumentation": "List of <code>Tag</code> for the requested Elasticsearch domain.\n\nThis is a convenience that creates an instance of the {@link List<Tag>.Builder} avoiding the need to create one manually via {@link List<Tag>#builder()}.\n\nWhen the {@link Consumer} completes, {@link List<Tag>.Builder#build()} is called immediately and its result is passed to {@link #tagList(List<Tag>)}.\n\n@see #tagList(List<Tag>)",
    "getterDocumentation": "List of <code>Tag</code> for the requested Elasticsearch domain.\n\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@see #tagList(List<Tag>)",
    "getterModel": {
      "returnType": "java.util.List<Tag>",
      "documentation": null
    },
    "http": {
      "additionalMarshallingPath": null,
      "additionalUnmarshallingPath": null,
      "flattened": true,
      "greedy": true,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagList",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagList",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "Tag",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [Tag.Builder] avoiding the need to create one manually via [Tag.Builder#build()]. When the [Consumer] completes, [Tag.Builder#build()] is called immediately and its result is passed to [Tag.Builder#member(Tag)].
@see #member(Tag)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@see #member(Tag)",
"getterDocumentation" : "Returns the value of the Member property for this object.

@returns The value of the Member property for this object.",
"getterModel" : {
"returnType" : "Tag",
"documentation" : null
},
"http" : {

---

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : "",
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType": "Tag",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "Tag",
"templateImplType": "java.util.ArrayList<Tag>",
"templateType": "java.util.List<Tag>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "TagList",
"setterDocumentation": "<p>List of <code>Tag</code> for the requested Elasticsearch domain.</p>
@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.",
"setterMethodName": "setTagList",
"setterModel": {
  "variableDeclarationType": "java.util.List<Tag>",
  "variableName": "tagList",
  "variableType": "java.util.List<Tag>",
  "documentation": null,
  "simpleType": "List<Tag>",
  "variableSetterType": "java.util.Collection<Tag>"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<Tag>",
  "variableName": "tagList",
  "variableType": "java.util.List<Tag>",
  "documentation": "<p>List of <code>Tag</code> for the requested Elasticsearch domain.</p>",
  "simpleType": "List<Tag>",
  "variableSetterType": "java.util.Collection<Tag>"
},
"xmlNameSpaceUri": null
},
"nonStreamingMembers": [
  {
    "beanStyleGetterMethodName": "getTagList",
    "beanStyleSetterMethodName": "setTagList",
    "c2jName": "TagList",
    "c2jShape": "TagList",
    "defaultConsumerFluentSetterDocumentation": "<p>List of <code>Tag</code> for the requested Elasticsearch domain.</p><p>This is a convenience that creates an instance of the {@link List<Tag>.Builder} avoiding the need to create one manually via {@link List<Tag>#builder()}.
When the {@link Consumer} completes, {@link List<Tag>.Builder#build()} is called immediately and its result is passed to {@link List<List<Tag>Builder#build()}.

@return Returns a reference to this object so that method calls can be chained together.
@see #tagList(List<Tag>)",
  "getterMethodName": "getTagList",
  "getterModel": {
    "variableDeclarationType": "java.util.List<Tag>",
    "variableName": "tagList",
    "variableType": "java.util.List<Tag>",
    "documentation": null,
    "simpleType": "List<Tag>",
    "variableSetterType": "java.util.Collection<Tag>"
  },
  "getterShape": "TagList",
  "getterType": "TagList",
  "isList": true,
  "isMap": false,
  "isMember": true,
  "name": "tagList",
  "setterMethodName": "setTagList",
  "setterModel": {
    "variableDeclarationType": "java.util.List<Tag>",
    "variableName": "tagList",
    "variableType": "java.util.List<Tag>",
    "documentation": null,
    "simpleType": "List<Tag>",
    "variableSetterType": "java.util.Collection<Tag>"
  }
}]}
"deprecated" : false,
"documentation" : "\p List of \c Tag for the requested Elasticsearch domain.\p",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagList",
"fluentSetterDocumentation" : "\p List of \c Tag for the requested Elasticsearch domain.\n@param tagList List of \c Tag for the requested Elasticsearch domain.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "tagList",
"getterDocumentation" : "\p List of \c Tag for the requested Elasticsearch domain.\n
@throws UnsupportedOperationException If attempts to modify the collection returned by this method will result in an unsupported operation.\n@return List of \c Tag for the requested Elasticsearch domain.",
"getterModel" : {
  "returnType" : "java.util.List<\c Tag>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TagList",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TagList",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Tag",
  }
}
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [link Tag.Builder] avoiding the need to create one manually via [link Tag#builder()]. When the [link Consumer] completes, [link Tag.Builder#build()] is called immediately and its result is passed to [link #member(Tag)].

@param member a consumer that will call methods on [link Tag.Builder]

@returns Returns a reference to this object so that method calls can be chained together.

@see #member(Tag)",

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@returns The value of the Member property for this object.",

"getterModel" : {
"returnType" : "Tag",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO"
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "member",
  "variableType" : "Tag",
  "documentation" : "",
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"xmlNameSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "Tag",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "Tag",
"templateImplType" : "java.util.ArrayList<Tag>",
"templateType" : "java.util.List<Tag>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagList",
"setterDocumentation" : "<p>List of <code>Tag</code> for the requested Elasticsearch domain.</p>

@param tagList List of <code>Tag</code> for the requested Elasticsearch domain.",
"setterMethodName" : "setTagList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<Tag>",
  "variableName" : "tagList",
  "variableType" : "java.util.List<Tag>",
  "documentation" : null,
  "simpleType" : "List<Tag>",
  "variableSetterType" : "java.util.Collection<Tag>"
null

"requestSignerClassFqn" : null,
"requestSignerAware" : false,
"required" : null,
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "ListTagsResponse",
    "variableName" : "listTagsResponse",
    "variableType" : "ListTagsResponse",
    "simpleType" : "ListTagsResponse",
    "variableSetterType" : "ListTagsResponse"
},
"wrapper" : false
},
"LogPublishingOption" : {
    "c2jName" : "LogPublishingOption",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "Log Publishing option that is set for given domain. Attributes and their details:
    - CloudWatchLogsLogGroupArn: ARN of the Cloudwatch log group to which log needs to be published.
    - Enabled: Whether the log publishing for given log type is enabled or not.
    "enums" : null,
    "errorCode" : null,
    "event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
  "beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
  "c2jName" : "CloudWatchLogsLogGroupArn",
  "c2jShape" : "CloudWatchLogsLogGroupArn",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #cloudWatchLogsLogGroupArn(String)}\n\n@param cloudWatchLogsLogGroupArn a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #cloudWatchLogsLogGroupArn(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
  "fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object.\n\n@see #cloudWatchLogsLogGroupArn(String)\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
  "getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this object.\n\n@see #cloudWatchLogsLogGroupArn\n@return The value of the CloudWatchLogsLogGroupArn property for this object.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
  },
"marshallLocationName": "CloudWatchLogsLogGroupArn",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "CloudWatchLogsLogGroupArn",
"uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "CloudWatchLogsLogGroupArn",
"setterDocumentation": "Sets the value of the CloudWatchLogsLogGroupArn property for this object.\n\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object.\n",
"setterMethodName": "setCloudWatchLogsLogGroupArn",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "cloudWatchLogsLogGroupArn",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "cloudWatchLogsLogGroupArn",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
}
}  
  "beanStyleGetterMethodName": "getEnabled",
  "beanStyleSetterMethodName": "setEnabled",
  "c2jName": "Enabled",
  "c2jShape": "Boolean",
  "defaultConsumerFluentSetterDocumentation": "<p> Specifies whether given log publishing option is enabled or not.</p>\nThis is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean.Builder#builder()}.\n\nWhen the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #enabled(Boolean)}.\n\n@param enabled a consumer that will call methods on {@link Boolean.Builder}\n@return Returns a reference to this object
so that method calls can be chained together.

@see #setEnabled(Boolean)"

"documentation" : "<p> Specifies whether given log publishing option is enabled or not. </p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "enabled",

"fluentSetterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not. </p>

@param enabled Specifies whether given log publishing option is enabled or not.

@return Returns a reference to this object so that method calls can be chained together. 

"fluentSetterMethodName" : "enabled",

"getterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not. </p>

@return Specifies whether given log publishing option is enabled or not. 

"getterModel" : {

"returnType" : "Boolean",

"documentation" : null
},

"http" : {

"additionalMarshallingPath" : null,

"additionalUnmarshallingPath" : null,

"flattened" : false,

"greedy" : false,

"header" : false,

"isPayload" : false,

"isStreaming" : false,

"location" : null,

"marshallLocation" : "PAYLOAD",

"marshallLocationName" : "Enabled",

"queryString" : false,

"statusCode" : false,

"unmarshallLocationName" : "Enabled",

"uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "BOOLEAN",

"name" : "Enabled",

"setterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not. </p>

@param enabled Specifies whether given log publishing option is enabled or not.

@return Specifies whether given log publishing option is enabled or not. 

"setterMethodName" : "setEnabled",

"setterModel" : {

"returnType" : "Boolean",

"documentation" : null
},
"variableDeclarationType": "Boolean",
"variableName": "enabled",
"variableType": "Boolean",
"documentation": null,
"simpleType": "Boolean",
"variableSetterType": "Boolean"},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "Boolean",
"variableName": "enabled",
"variableType": "Boolean",
"documentation": "<p>Specifies whether given log publishing option is enabled or not.</p>",
"simpleType": "Boolean",
"variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
},
"membersAsMap": {
"CloudWatchLogsLogGroupArn": {
"beanStyleGetterMethodName": "getCloudWatchLogsLogGroupArn",
"beanStyleSetterMethodName": "setCloudWatchLogsLogGroupArn",
"c2jName": "CloudWatchLogsLogGroupArn",
"c2jShape": "CloudWatchLogsLogGroupArn",
"defaultValue": null,
"documentation": "Sets the value of the CloudWatchLogsLogGroupArn property for this object.
\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. \n\nWhen the [@link Consumer] completes, [@link String.Builder#build] is called immediately and its result is passed to [@link CloudWatchLogsLogGroupArn(String)].
\n@see #CloudWatchLogsLogGroupArn(String)",
"deprecated": false,
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "cloudWatchLogsLogGroupArn",
"fluentSetterDocumentation": "Sets the value of the CloudWatchLogsLogGroupArn property for this object.
\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object.
\n@return Returns a reference to this object so that method calls can be chained together.
\n@see #cloudWatchLogsLogGroupArn(String)",
"getterDocumentation": "Returns the value of the CloudWatchLogsLogGroupArn property for this object.
\n@return The value of the CloudWatchLogsLogGroupArn property for this object.",
"getterModel": {
"returnType": "String"}
"documentation" : null,
],
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CloudWatchLogsLogGroupArn",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CloudWatchLogsLogGroupArn",
"setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.

@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object.,

"setterMethodName" : "setCloudWatchLogsLogGroupArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "cloudWatchLogsLogGroupArn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "cloudWatchLogsLogGroupArn",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"}
"Enabled": {
  "beanStyleGetterMethodName": "getEnabled",
  "beanStyleSetterMethodName": "setEnabled",
  "c2jName": "Enabled",
  "c2jShape": "Boolean",
  "defaultConsumerFluentSetterDocumentation": "<p>Specifies whether given log publishing option is enabled or not.</p><p>This is a convenience that creates an instance of the @link Boolean.Builder avoiding the need to create one manually via @link Boolean#builder(). When the @link Consumer completes, @link Boolean.Builder#build() is called immediately and its result is passed to @link #enabled(Boolean).<br>enabled a consumer that will call methods on @link Boolean.Builder\n@return Returns a reference to this object so that method calls can be chained together.<br>@see #enabled(Boolean)",
  "deprecated": false,
  "documentation": "<p>Specifies whether given log publishing option is enabled or not.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "enabled",
  "fluentSetterDocumentation": "<p>Specifies whether given log publishing option is enabled or not.</p>
  @param enabled Specifies whether given log publishing option is enabled or not.<br>@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "enabled",
  "getterDocumentation": "<p>Specifies whether given log publishing option is enabled or not.</p>
  @return Specifies whether given log publishing option is enabled or not.",
  "getterModel": {
    "returnType": "Boolean",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "Enabled",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "Enabled",
    "uri": false
  }
},
"xmlNameSpaceUri": null
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>
@para
enabled Specifies whether given log publishing option is enabled or not.",
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p> Specifies whether given log publishing option is enabled or not.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ 
  "beanStyleGetterMethodName" : "getCloudWatchLogsLogGroupArn",
  "beanStyleSetterMethodName" : "setCloudWatchLogsLogGroupArn",
  "c2jName" : "CloudWatchLogsLogGroupArn",
  "c2jShape" : "CloudWatchLogsLogGroupArn",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {
@link String.Builder()}.

When the {@link Consumer} completes, {
@link String.Builder#build()} is called immediately and its result is passed to {
@link
#cloudWatchLogsLogGroupArn(String)}.

@para
@link cloudWatchLogsLogGroupArn(String) a consumer that will call methods on {
@link String.Builder}{
@para
@link String.Builder#build()} is called immediately and its result is passed to {
@link
#cloudWatchLogsLogGroupArn(String)}.

@para
@see #cloudWatchLogsLogGroupArn(String),
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cloudWatchLogsLogGroupArn",
"fluentSetterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.\n@\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object.\n@\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cloudWatchLogsLogGroupArn",
"getterDocumentation" : "Returns the value of the CloudWatchLogsLogGroupArn property for this object.\n@\n@return The value of the CloudWatchLogsLogGroupArn property for this object."
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CloudWatchLogsLogGroupArn",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CloudWatchLogsLogGroupArn",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CloudWatchLogsLogGroupArn",
"setterDocumentation" : "Sets the value of the CloudWatchLogsLogGroupArn property for this object.\n@\n@param cloudWatchLogsLogGroupArn The new value for the CloudWatchLogsLogGroupArn property for this object."
"setterMethodName" : "setCloudWatchLogsLogGroupArn",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "cloudWatchLogsLogGroupArn",
  "variableType" : "String"}
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "cloudWatchLogsLogGroupArn",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getEnabled",
"beanStyleSetterMethodName" : "setEnabled",
"c2jName" : "Enabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "\n<p>Specifies whether given log publishing option is enabled or not.</p>\nThis is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}.\n\nWhen the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to \n@link #enabled(Boolean).\n\n@param enabled a consumer that will call methods on \n@link Boolean.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #enabled(Boolean)",
"deprecated" : false,
"documentation" : "\n<p>Specifies whether given log publishing option is enabled or not.</p>\n"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "\n<p>Specifies whether given log publishing option is enabled or not.</p>\n\n@see \n@link #enabled(Boolean)\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #enabled(Boolean)",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "\n<p>Specifies whether given log publishing option is enabled or not.</p>\n\n@see \n@link #enabled(Boolean)\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #enabled(Boolean)",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Enabled",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Enabled",
"uri": false
],
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "Enabled",
"setterDocumentation": "<p>Specifies whether given log publishing option is enabled or not.</p>
@param
(enabled Specifies whether given log publishing option is enabled or not.),
"setterMethodName": "setEnabled",
"setterModel": {
"variableDeclarationType": "Boolean",
"variableName": "enabled",
"variableType": "Boolean",
"documentation": null,
"simpleType": "Boolean",
"variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "Boolean",
"variableName": "enabled",
"variableType": "Boolean",
"documentation": "<p>Specifies whether given log publishing option is enabled or not.</p>",
"simpleType": "Boolean",
"variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
],
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "LogPublishingOption",
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
},
"variable": {
  "variableDeclarationType": "LogPublishingOption",
  "variableName": "log_publishing_option",
  "variableType": "LogPublishingOption",
  "documentation": null,
  "simpleType": "LogPublishingOption",
  "variableSetterType": "LogPublishingOption"
},
"wrapper": false
},
"LogPublishingOptionsStatus": {
  "c2jName": "LogPublishingOptionsStatus",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "The configured log publishing options for the domain and their current status.
  
  This is a convenience that creates an instance of the Map<String,LogPublishingOption>.Builder avoiding the need to create one manually via Map<String,LogPublishingOption>#builder().
  
  When the Consumer completes, Map<String,LogPublishingOption>.Builder#build() is called immediately and its result is passed to #optionsAsStrings(Map<String,LogPublishingOption>)\n  
  @param options a consumer that will call methods on
@link Map<String,LogPublishingOption>.Builder\n@returns Returns a reference to this object so that method calls can be chained together.
@see #optionsWithStrings(Map<String,LogPublishingOption>)

"deprecated" : false,
"documentation" : "<p>The log publishing options configured for the Elasticsearch domain. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "options",
"fluentEnumSetterMethodName" : "options",
"fluentGetterMethodName" : "optionsAsStrings",
"fluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>
@param options The log publishing options configured for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "optionsWithStrings",
"getterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>
<p>
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.
</p>
@return The log publishing options configured for the Elasticsearch domain.

"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key"}
"keyModel": {
  "beanStyleGetterMethodName": "getKeyAsString",
  "beanStyleSetterMethodName": "setKey",
  "c2jName": "key",
  "c2jShape": "LogType",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Key property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}. 

@param key a consumer that will call methods on { @link String.Builder} @return Returns a reference to this object so that method calls can be chained together.

@return Returns a reference to this object so that method calls can be chained together.

@see LogType

@inheritdoc

@see LogType

@param key The new value for the Key property for this object.
@see LogType

@return Returns a reference to this object so that method calls can be chained together.

@see LogType

@inheritdoc

@see LogType

@inheritdoc

@inheritdoc

"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.\n\n@see LogType",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation":",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"valueLocationName": "value",
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object.\nThis is a convenience that creates an instance of the \{ @link LogPublishingOption.Builder \} avoiding the need to create one manually via \{ @link LogPublishingOption.Builder#builder() \}.\nWhen the \{ @link Consumer \} completes, \{ @link LogPublishingOption.Builder#build() \} is called immediately and its result is passed to \{ @link #value(LogPublishingOption) \}.\n@see #value(LogPublishingOption)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : " Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together. ",
"fluentSetterMethodName" : "value",
"getterDocumentation" : " Returns the value of the Value property for this object.\n\n@return The value of the Value property for this object.",
"getterModel" : {
   "returnType" : "LogPublishingOption",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "value",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "value",
   "uri" : false
},
idempotencyToken" : false,
isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : " Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together. ",
"setterMethodName" : "setValue",
"setterModel" : {
   "variableDeclarationType" : "LogPublishingOption",
   "variableName" : "value",
   "variableType" : "LogPublishingOption",
   "documentation" : null,
   "simpleType" : "LogPublishingOption"}
"variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : "",
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
}
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>
@param options The log publishing options configured for the Elasticsearch domain."
,"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getStatus",
 "beanStyleSetterMethodName" : "setStatus",
 "c2jName" : "Status",
 "c2jShape" : "OptionStatus",
 "defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>\n"}
convenience that creates an instance of the `@link OptionStatus.Builder` avoiding the need to create one manually via `@link OptionStatus.Builder#builder()`. When the `@link Consumer` completes, `@link OptionStatus.Builder#build()` is called immediately and its result is passed to `@link OptionStatus(OptionStatus)`. The `@return` Returns a reference to this object so that method calls can be chained together.

```java
Optional<OptionStatus> status(OptionStatus status)
@deprecated
@see #status(OptionStatus)
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.

```java
@getDocumentation
@getModel
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.

```java
@setDocumentation
@setterModel
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.

```java
@getterModel
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.

```java
@setterMethod
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.

```java
@getterMethod
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.

```java
@isPayload
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.

```java
@isStreaming
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.

```java
@uri
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.

```java
@idempotencyToken
```

The status of the log publishing options for the Elasticsearch domain. See `@link OptionStatus` for the status information that's included.
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "\<p\>The status of the log publishing options for the Elasticsearch domain. See \<code\>OptionStatus</code\> for the status information that's included. \<p\>\n@\param\ status The status of the log publishing options for the Elasticsearch domain. See \<code\>OptionStatus</code\> for the status information that's included.\"",
"setterMethodName": "setStatus",
"setterModel": {
"variableDeclarationType": "OptionStatus",
"variableName": "status",
"variableType": "OptionStatus",
"documentation": null,
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "OptionStatus",
"variableName": "status",
"variableType": "OptionStatus",
"documentation": "\<p\>The status of the log publishing options for the Elasticsearch domain. See \<code\>OptionStatus</code\> for the status information that's included. \<p\>",
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
],
"membersAsMap": {
"Options": {
"beanStyleGetterMethodName": "getOptionsAsStrings",
"beanStyleSetterMethodName": "setOptionsWithStrings",
"c2jName": "Options",
"c2jShape": "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation": "\<p\>The log publishing options configured for the Elasticsearch domain.\<p\>\nThis is a convenience that creates an instance of the \{ @link Map\<String, LogPublishingOption\>.Builder \} avoiding the need to create one manually via \{ @link Map\<String, LogPublishingOption\>#builder() \}. \nWhen the \{ @link Consumer \} completes, \{ @link Map\<String, LogPublishingOption\>.Builder#build() \} is called immediately and its result is passed to \{ @link #optionsAsStrings\<Map\<String, LogPublishingOption\>\>\}\n\n@param\ options a consumer that will call methods on \{ @link Map\<String, LogPublishingOption\>.Builder \}\n@return Returns a reference to this object so that method calls can be chained together.\n@see \#optionsWithStrings\<Map\<String, LogPublishingOption\>\>",
"deprecated": false,
"documentation": "\<p\>The log publishing options configured for the Elasticsearch domain.\<p\>",
"enumType": null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "options",
"fluentEnumSetterMethodName" : "options",
"fluentGetterMethodName" : "optionsAsStrings",
"fluentSetterDocumentation" : "The log publishing options configured for the Elasticsearch domain.

@param options The log publishing options configured for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "optionsWithStrings",
"getterDocumentation" : "The log publishing options configured for the Elasticsearch domain.

Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return The log publishing options configured for the Elasticsearch domain.

"getterModel" : {
   "returnType" : "java.util.Map<String,LogPublishingOption>",
   "documentation" : null
},

"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "Options",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "Options",
   "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
   "implType" : "java.util.HashMap",
   "interfaceType" : "java.util.Map",
   "keyLocationName" : "key",
   "keyModel" : {
      "beanStyleGetterMethodName" : "getKeyAsString",
      "beanStyleSetterMethodName" : "setKey",
      "c2jName" : "key",
      "c2jShape" : "LogType",
      "implType" : "java.util.HashMap",
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beanStyleGetterMethodName" : "getKeyAsString",
         "beanStyleSetterMethodName" : "setKey",
         "c2jName" : "key",
         "c2jShape" : "LogType",
      },
      "interfaceType" : "java.util.Map",
      "keyLocationName" : "key",
      "keyModel" : {
         "beam...
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n
When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link keyAsString(String)\}.\n
@param key a consumer that will call methods on \{@link String.Builder\}\n
@returns Returns a reference to this object so that method calls can be chained together.\n
@see #key(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n
The new value for the Key property for this object.\n
@returns Returns a reference to this object so that method calls can be chained together.\n
@see LogType",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n
If the service returns an enum value that is not available in the current SDK version, \{@link #key\} will return \{@link LogType#UNKNOWN_TO_SDK_VERSION\}. The raw value returned by the service is available from \{@link #keyAsString\}.\n
@returns The value of the Key property for this object.\n
@see LogType",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,

"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the LogPublishingOption.Builder avoiding the need to create one manually via LogPublishingOption.Builder#builder() When the Consumer completes, LogPublishingOption.Builder#build() is called immediately and its result is passed to LogPublishingOption.value(LogPublishingOption)

@param value a consumer that will call methods on LogPublishingOption

@return Returns a reference to this object so that method calls can be chained together.

@see #value(LogPublishingOption)
",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@see LogType"

@param value The
new value for the Value property for this object.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.

"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",

"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object.

"setterMethodName" : "setValue",

"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {

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"variableDeclarationType" : "LogPublishingOption",
"variableName" : "value",
"variableType" : "LogPublishingOption",
"documentation" : "",
"simpleType" : "LogPublishingOption",
"variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
],
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.</p>
@param options The log publishing options configured for the Elasticsearch domain.",
"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : <p>The log publishing options configured for the Elasticsearch domain.</p>
},
"xmlNameSpaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>
This is a convenience that creates an instance of the (OptionStatus.Builder) avoiding the need to create one manually via OptionStatus.Builder#build().
When the OptionStatus.Builder#build() is called immediately and its result is passed to OptionStatus.Builder#build().
@param status a consumer that will call methods on OptionStatus.Builder#build().

OptionStatus.Builder\n@returns {Object} A reference to this object so that method calls can be chained together.
@see #status(OptionStatus)

- **deprecated**: false,
- **documentation**: "The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included."

```
enumType: null,
eventHeader: false,
eventPayload: false,
fluentEnumGetterMethodName: null,
fluentEnumSetterMethodName: null,
fluentGetterMethodName: "status",
fluentSetterDocumentation: "The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included."
```

```
getterDocumentation: "The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included."

```
getterModel: {
  "returnType": "OptionStatus",
  "documentation": null
}

```
http: {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Status",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Status",
  "uri": false
}

```
idempotencyToken": false,
  "isBinary": false,
  "jsonValue": false,
  "list": false,
  "listModel": null,
  "map": false,
  "mapModel": null,
  "marshallingType": "SDK_POJO",
```

```
"name": "Status",
"setterDocumentation": "<p>The status of the log publishing options for the Elasticsearch domain. See \<code>OptionStatus</code> for the status information that's included. \<br/>&lt;param status The status of the log publishing options for the Elasticsearch domain. See \<code>OptionStatus</code> for the status information that's included.</p>",
"setterMethodName": "setStatus",
"setterModel": {
"variableDeclarationType": "OptionStatus",
"variableName": "status",
"variableType": "OptionStatus",
"documentation": null,
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "OptionStatus",
"variableName": "status",
"variableType": "OptionStatus",
"documentation": "<p>The status of the log publishing options for the Elasticsearch domain. See \<code>OptionStatus</code> for the status information that's included. </p>",
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null
},

"nonStreamingMembers": [ {
"beanStyleGetterMethodName": "getOptionsAsStrings",
"beanStyleSetterMethodName": "setOptionsWithStrings",
"c2jName": "Options",
"c2jShape": "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation": "<p>The log publishing options configured for the Elasticsearch domain.</p>
\nThis is a convenience that creates an instance of the \{ @link Map\<String,LogPublishingOption\>\} avoiding the need to create one manually via \{ @link Map\<String,LogPublishingOption\>#builder() \}. \n\nWhen the \{ @link Consumer \} completes, \{ @link Map\<String,LogPublishingOption\>#builder\} is called immediately and its result is passed to \{ @link #optionsAsStrings(Map\<String,LogPublishingOption\>) \}. \n\n@param options a consumer that will call methods on \{ @link Map\<String,LogPublishingOption\>#builder\}. \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #optionsWithStrings(Map\<String,LogPublishingOption\>)",
"deprecated": false,
"documentation": "<p>The log publishing options configured for the Elasticsearch domain.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "options",
"fluentEnumSetterMethodName": "options"}
"fluentGetterMethodName" : "optionsAsStrings",
"fluentSetterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.

@param options The log publishing options configured for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "optionsWithStrings",
"getterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.

<ui>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</ui>

@return The log publishing options configured for the Elasticsearch domain.
",
"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Options",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Options",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}.

@param key a consumer that will call
methods on {@link String.Builder} return a reference to this object so that method calls can be chained together.

```java
// see #key(String)

"deprecated" : false,
"documentation" : "",
"enumType" : "LogType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "key",
"fluentEnumSetterMethodName" : "key",
"fluentGetterMethodName" : "keyAsString",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@see LogType
@return Returns a reference to this object so that method calls can be chained together.

@see LogType",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.
<p>
If the service returns an enum value that is not available in the current SDK version,公安部 will return公安部 LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from公安部 LogType#keyAsString}. The value of the Key property for this object.

@see LogType",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@see #key(String)"
```
for the Key property for this object.\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the need to create one manually via {@link LogPublishingOption.Builder#builder()}.\n\nWhen the {@link Consumer} completes, {@link LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link value(LogPublishingOption)}.\n\n@see value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@see #value(LogPublishingOption)\n\n@param value a consumer that will call methods on {@link LogPublishingOption.Builder} returning a reference to this object so that method calls can be chained together.\n\n@see #value(LogPublishingOption)",
  "fluentSetterMethodName" : "value",
  "getterDocumentation" : "Returns the value of the Value property for this object.\n\n@return The value of the
Value property for this object.

getterModel" : {
    "returnType" : "LogPublishingOption",
    "documentation" : null
},

http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "value",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "value",
    "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.\n",
"setterMethodName" : "setValue",
"setterModel" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : null,
    "simpleType" : "LogPublishingOption",
    "variableSetterType" : "LogPublishingOption"
},

"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "LogPublishingOption",
    "variableName" : "value",
    "variableType" : "LogPublishingOption",
    "documentation" : "",
}
"simpleType" : "LogPublishingOption",
"variableSetterType" : "LogPublishingOption"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, LogPublishingOption>",
"templateType" : "java.util.Map<String,LogPublishingOption>"
},
"marshallingType" : "MAP",
"name" : "Options",
"setterDocumentation" : "<p>The log publishing options configured for the Elasticsearch domain.
\n@param options The log publishing options configured for the Elasticsearch domain."
,"setterMethodName" : "setOptionsWithStrings",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null,
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "options",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "p>The log publishing options configured for the Elasticsearch domain.
\n@param options The log publishing options configured for the Elasticsearch domain."
,"simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. \nThis is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}.\nWhen the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link #status(OptionStatus)}.\n@param status a consumer that will call methods on { @link OptionStatus.Builder}\n@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. \n"
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "status",
"fluentSetterDocumentation": "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that’s included. 
@param status The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that’s included.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "status",
"getterDocumentation": "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that’s included. 
@return The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that’s included.",
"getterModel": {
  "returnType": "OptionStatus",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Status",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Status",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Status",
"setterDocumentation": "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that’s included. 
@param status The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that’s included.",
"setterModel": null,
"isType": true,
"methodParameters": {
  "name": "status",
  "type": "OptionStatus"
},
"message": null,
"name": "Status",
"getter": "OptionStatus.getStatus()",
"getterDocumentation": "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that’s included. 
@return The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that’s included.",
"setter": null,
"setterDocumentation": null,
"isList": false,
"isMap": false,
"jsonValue": false,
"isBinary": false,
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>The status of the log publishing options for the Elasticsearch domain. See <code>OptionStatus</code> for the status information that's included. </p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LogPublishingOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "LogPublishingOptionsStatus",
  "variableName" : "logPublishingOptionsStatus",
  "variableType" : "LogPublishingOptionsStatus",
  "documentation" : null,
  "simpleType" : "LogPublishingOptionsStatus",
  "variableSetterType" : "LogPublishingOptionsStatus"
},
"wrapper" : false
},
"LogType" : {
  "c2jName" : "LogType",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
  }
}
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Type of Log File, it can be one of the following: <ul> <li>INDEX_SLOW_LOGS: Index slow logs contain insert requests that took more time than configured index query log threshold to execute.</li> <li>SEARCH_SLOW_LOGS: Search slow logs contain search queries that took more time than configured search query log threshold to execute.</li> <li>ES_APPLICATION_LOGS: Elasticsearch application logs contain information about errors and warnings raised during the operation of the service and can be useful for troubleshooting.</li> </ul>"},
"enums" : [ {
 "name" : "INDEX_SLOW_LOGS",
 "value" : "INDEX_SLOW_LOGS"
 }, {
 "name" : "SEARCH_SLOW_LOGS",
 "value" : "SEARCH_SLOW_LOGS"
 }, {
 "name" : "ES_APPLICATION_LOGS",
 "value" : "ES_APPLICATION_LOGS"
 } ],
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ ],
"membersAsMap" : { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "LogType",
"simpleMethod" : false,
"unmarshaller" : {
 "flattened" : false,
 "resultWrapper" : null
 },
"variable" : {
 "variableDeclarationType" : "LogType",
 "variableName" : "logType",
 "variableType" : "LogType",
 "documentation" : null,
 "simpleType" : "LogType",
 "variableSetterType" : "LogType"
"NodeToNodeEncryptionOptions" : {
  "c2jName" : "NodeToNodeEncryptionOptions",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "Specify the node-to-node encryption options.<p>
  Specify true to enable node-to-node encryption.
  When the Consumer completes, enabled(Boolean) is called immediately and its result is passed to enabled(Boolean)
  enabled a consumer that will call methods on enabled(Boolean)
  Returns a reference to this object so that method calls can be chained together.
  
  Specify true to enable node-to-node encryption.
  Specify true to enable node-to-node encryption.
  Returns a reference to this object so that method calls can be chained together.
  
  Specify true to enable node-to-node encryption.
  Specify true to enable node-to-node encryption.
  Returns a reference to this object so that method calls can be chained together.
  
  Specify true to enable node-to-node encryption.
  Specify true to enable node-to-node encryption.
  Returns a reference to this object so that method calls can be chained together.
  "
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "enabled",
  "fluentSetterDocumentation" : "Specify true to enable node-to-node encryption.<p>
  Specify true to enable node-to-node encryption.<p>
  Specify true to enable node-to-node encryption.<p>
  Specify true to enable node-to-node encryption.<p>
  Specify true to enable node-to-node encryption.<p>
  Specify true to enable node-to-node encryption.<p>
  Specify true to enable node-to-node encryption.
  Returns a reference to this object so that method calls can be chained together.
  
  Specify true to enable node-to-node encryption.
  Specify true to enable node-to-node encryption.
  Returns a reference to this object so that method calls can be chained together.
  
  Specify true to enable node-to-node encryption.
  Specify true to enable node-to-node encryption.
  Returns a reference to this object so that method calls can be chained together.
  
  Specify true to enable node-to-node encryption.
  Specify true to enable node-to-node encryption.
  Returns a reference to this object so that method calls can be chained together.
  "
  "fluentSetterMethodName" : "enabled",
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getEnabled",
    "beanStyleSetterMethodName" : "setEnabled",
    "c2jName" : "Enabled",
    "c2jShape" : "Boolean",
    "defaultConsumerFluentSetterDocumentation" : "Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.
    Returns a reference to this object so that method calls can be chained together.
    "
    "deprecated" : false,
    "documentation" : "Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.
    Returns a reference to this object so that method calls can be chained together.
    
    Specify true to enable node-to-node encryption.
    Specify true to enable node-to-node encryption.
    Returns a reference to this object so that method calls can be chained together.
    
    Specify true to enable node-to-node encryption.
    Specify true to enable node-to-node encryption.
    Returns a reference to this object so that method calls can be chained together.
    
    Specify true to enable node-to-node encryption.
    Specify true to enable node-to-node encryption.
    Returns a reference to this object so that method calls can be chained together.
    "
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "enabled",
    "fluentSetterDocumentation" : "Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.<p>
    Specify true to enable node-to-node encryption.
    Returns a reference to this object so that method calls can be chained together.
    "
    "fluentSetterMethodName" : "enabled",
    "errorCode" : null,
  }
}
"getterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
@return Specify true to enable node-to-node encryption.",
"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Enabled",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Enabled",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
@param enabled Specify true to enable node-to-node encryption.",
"setterMethodName" : "setEnabled",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "enabled",
"variableType" : "Boolean",
"documentation" : null,
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Boolean",
"variableName" : "enabled",
"variableType" : "Boolean"}
"documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null

"membersAsMap" : {
"Enabled" : {
"beanStyleGetterMethodName" : "getEnabled",
"beanStyleSetterMethodName" : "setEnabled",
"c2jName" : "Enabled",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need
to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link
Boolean.Builder#build()} is called immediately and its result is passed to {@link #enabled(Boolean)}. @param
enabled a consumer that will call methods on {@link Boolean.Builder}@return Returns a reference to this object
so that method calls can be chained together.@see #enabled(Boolean)",
"deprecated" : false,
"documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "enabled",
"fluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
@param enabled Specify true to enable node-to-node encryption.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "enabled",
"getterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
@return Specify true to enable node-to-node encryption.",
"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Enabled",
"queryString" : false,
"statusCode" : false,
"unmarshalLocationName" : "Enabled",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "Enabled",
"setterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
@param enabled Specify true to enable node-to-node encryption.",
"setterMethodName" : "setEnabled",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "enabled",
  "variableType" : "Boolean",
  "documentation" : "<p>Specify true to enable node-to-node encryption.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getEnabled",
  "beanStyleSetterMethodName" : "setEnabled",
  "c2jName" : "Enabled",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specify true to enable node-to-node encryption.</p>
This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}.
When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #enabled(Boolean)}.
@param enabled a consumer that will call methods on {@link Boolean.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #enabled(Boolean)".

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"deprecated": false,
"documentation": "<p>Specify true to enable node-to-node encryption.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "enabled",
"fluentSetterDocumentation": "<p>Specify true to enable node-to-node encryption.</p>
@param enabled Specify true to enable node-to-node encryption.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "enabled",
"getterDocumentation": "<p>Specify true to enable node-to-node encryption.</p>
@return Specify true to enable node-to-node encryption.",
"getterModel": {
"returnType": "Boolean",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Enabled",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Enabled",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "Enabled",
"setterDocumentation": "<p>Specify true to enable node-to-node encryption.</p>
@param enabled Specify true to enable node-to-node encryption.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setEnabled",
"setterModel": {
"variableDeclarationType": "Boolean",
"setterDocumentation": "<p>Specify true to enable node-to-node encryption.</p>
@param enabled Specify true to enable node-to-node encryption.
@return Returns a reference to this object so that method calls can be chained together."}
"variableName": "enabled",
"variableType": "Boolean",
"documentation": null,
"simpleType": "Boolean",
"variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "Boolean",
"variableName": "enabled",
"variableType": "Boolean",
"documentation": "<p>Specify true to enable node-to-node encryption.</p>",
"simpleType": "Boolean",
"variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
}
],
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "NodeToNodeEncryptionOptions",
"simpleMethod": false,
"unmarshaller": {
"flattened": false,
"resultWrapper": null
},
"variable": {
"variableDeclarationType": "NodeToNodeEncryptionOptions",
"variableName": "nodeToNodeEncryptionOptions",
"variableType": "NodeToNodeEncryptionOptions",
"documentation": null,
"simpleType": "NodeToNodeEncryptionOptions",
"variableSetterType": "NodeToNodeEncryptionOptions"
},
"wrapper": false
},
"NodeToNodeEncryptionOptionsStatus": {
"c2jName": "NodeToNodeEncryptionOptionsStatus",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p>Status of the node-to-node encryption options for the specified Elasticsearch
<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>

This is a convenience that creates an instance of the <link>NodeToNodeEncryptionOptions.Builder</link> avoiding the need to create one manually via <link>NodeToNodeEncryptionOptions#builder()</link>. When the <link>Consumer</link> completes, <link>NodeToNodeEncryptionOptions.Builder#build()</link> is called immediately and its result is passed to <link>NodeToNodeEncryptionOptions.Builder#build()</link>. Param options a consumer that will call methods on <link>NodeToNodeEncryptionOptions.Builder</link>. Returns a reference to this object so that method calls can be chained together.

**Getters and Setters**

- **public NodeToNodeEncryptionOptions options(NodeToNodeEncryptionOptions options)**

- **public void options(NodeToNodeEncryptionOptions options)**
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false}
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.\n\n\nsetterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptions",
  "variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\n\n\nsetterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptions",
  "variableName" : "options",
  "variableType" : "NodeToNodeEncryptionOptions",
  "documentation" : null,
  "xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus"
"c2jName" : "Status",  
"c2jShape" : "OptionStatus",  
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link OptionStatus.Builder}.
@returns Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
@return Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.
",
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "NodeToNodeEncryptionOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>
"deprecated" : false,
"documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.
"@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain."
domain.

- **enumType**: null,
- **eventHeader**: false,
- **eventPayload**: false,
- **fluentEnumGetterMethodName**: null,
- **fluentEnumSetterMethodName**: null,
- **fluentGetterMethodName**: "options",
- **fluentSetterDocumentation**: "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>
- **getterDocumentation**: "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

- **getterMethodName**: "setOptions",
- **getterModel**: {
  "returnType": "NodeToNodeEncryptionOptions",
  "documentation": null
},
- **http**: {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Options",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Options",
  "uri": false
},
- **idempotencyToken**: false,
- **isBinary**: false,
- **jsonValue**: false,
- **list**: false,
- **listModel**: null,
- **map**: false,
- **mapModel**: null,
- **marshallingType**: "SDK_POJO",
- **name**: "Options",
- **setterDocumentation**: "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>
- **setterMethodName**: "setOptions",
- **setterModel**: {
  "variableDeclarationType": "NodeToNodeEncryptionOptions",
}
"variableName" : "options",
"variableType" : "NodeToNodeEncryptionOptions",
"documentation" : null,
"simpleType" : "NodeToNodeEncryptionOptions",
"variableSetterType" : "NodeToNodeEncryptionOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "NodeToNodeEncryptionOptions",
"variableName" : "options",
"variableType" : "NodeToNodeEncryptionOptions",
"documentation" : "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
"simpleType" : "NodeToNodeEncryptionOptions",
"variableSetterType" : "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri" : null
},
"Status" : {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.

This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#builder()}. When the { @link Consumer} completes, { @link OptionStatus.Builder#build()} is called immediately and its result is passed to { @link OptionStatus.Builder}.

@return Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)
",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>

@link OptionStatus.Builder

@see #status(OptionStatus)
",
"getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>

@link OptionStatus.Builder

@see #status(OptionStatus)
",
"methodParameterName" : "status",
"deprecated" : false,
"documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>

@link OptionStatus.Builder

@see #status(OptionStatus)
",
"returnDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>

@link OptionStatus.Builder

@see #status(OptionStatus)
"
"getterModel" : {
  "returnType" : "OptionStatus",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "Status",

"setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.",

"setterMethodName" : "setStatus",

"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.",

"setterMethodName" : "setStatus",

"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.",

"setterMethodName" : "setStatus",

"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},

"simple" : false,

"timestampFormat" : null,
Elasticsearch domain.

\[\text{SimpleType} : \text{"OptionStatus"},\]
\[\text{variableSetterType} : \text{"OptionStatus"} \}\],
\[\text{xmlNameSpaceUri} : \text{null}\]
\],
\[\text{nonStreamingMembers} : [\{
  \text{beanStyleGetterMethodName} : \text{"getOptions"},
  \text{beanStyleSetterMethodName} : \text{"setOptions"},
  \text{c2jName} : \text{"Options"},
  \text{c2jShape} : \text{"NodeToNodeEncryptionOptions"},
  \text{defaultConsumerFluentSetterDocumentation} : \text{"<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the \{@link NodeToNodeEncryptionOptions.Builder\} avoiding the need to create one manually via \{@link NodeToNodeEncryptionOptions#builder()\}.\nWhen the \{@link Consumer\} completes, \{@link NodeToNodeEncryptionOptions.Builder#build()\} is called immediately and its result is passed to \{@link #options(NodeToNodeEncryptionOptions)\} when \@param options a consumer that will call methods on \{@link NodeToNodeEncryptionOptions.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.@see #options(NodeToNodeEncryptionOptions)\},
  \text{deprecated} : false,
  \text{documentation} : \text{"<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\"},
  \text{enumType} : \text{null},
  \text{eventHeader} : false,
  \text{eventPayload} : false,
  \text{fluentEnumGetterMethodName} : \text{null},
  \text{fluentEnumSetterMethodName} : \text{null},
  \text{fluentGetterMethodname} : \text{"options"},
  \text{fluentSetterDocumentation} : \text{"<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\"},
  \text{getterDocumentation} : \text{"<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>\"},
  \text{getterModel} : \{\}
  \text{returnType} : \text{"NodeToNodeEncryptionOptions"},
  \text{documentation} : \text{null}\}
],
\text{http} : \{
  \text{additionalMarshallingPath} : \text{null},
  \text{additionalUnmarshallingPath} : \text{null},
  \text{flattened} : false,
  \text{greedy} : false,
  \text{header} : false,
  \text{isPayload} : false,
  \text{isStreaming} : false,
  \text{location} : \text{null},
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Options",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Options",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Options",
"setterDocumentation": "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.<br/>
@param options Specifies the node-to-node encryption options for the specified Elasticsearch domain.</p>",
"setterMethodName": "setOptions",
"setterModel": {
  "variableDeclarationType": "NodeToNodeEncryptionOptions",
  "variableName": "options",
  "variableType": "NodeToNodeEncryptionOptions",
  "documentation": null,
  "simpleType": "NodeToNodeEncryptionOptions",
  "variableSetterType": "NodeToNodeEncryptionOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "NodeToNodeEncryptionOptions",
  "variableName": "options",
  "variableType": "NodeToNodeEncryptionOptions",
  "documentation": "<p>Specifies the node-to-node encryption options for the specified Elasticsearch domain.<br/>
</p>",
  "simpleType": "NodeToNodeEncryptionOptions",
  "variableSetterType": "NodeToNodeEncryptionOptions"
},
"xmlNameSpaceUri": null
},
{
  "beanStyleGetterMethodName": "getStatus",
  "beanStyleSetterMethodName": "setStatus",
  "c2jName": "Status",
  "c2jShape": "OptionStatus",
  "defaultConsumerFluentSetterDocumentation": "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.<br/>
This is a convenience that creates an instance of the { @link OptionStatus.Builder} avoiding the need to create one manually via { @link OptionStatus#builder()}.<br/>
When the
Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.

```java
@link Consumer completes, @link OptionStatus.Builder#build() is called immediately and its result is passed to @link #status(OptionStatus).@n@param status a consumer that will call methods on @link OptionStatus.Builder.@n@return Returns a reference to this object so that method calls can be chained together.@n@see #status(OptionStatus)
```

```
deprecated" : false,
"documentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>"
"getterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>"
"getterModel" : {
 "returnType" : "OptionStatus",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "Status",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "Status",
 "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"parameterType" : "ElasticsearchDomainEncryptionOptionsStatus",
"returnType" : "ElasticsearchDomainEncryptionOptionsStatus",
"requestType" : "ElasticsearchDomainEncryptionOptionsStatus",
"responseType" : "ElasticsearchDomainEncryptionOptionsStatus",
"status" : false,
"statusModel" : null
"protocol" : "https",
"serviceId" : "elasticsearch",
"targetId" : "elasticsearch",
"version" : "7.0.0"
```
"marshallerType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the node-to-node encryption options for the specified Elasticsearch domain."
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "NodeToNodeEncryptionOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "NodeToNodeEncryptionOptionsStatus",
  "variableName" : "nodeToNodeEncryptionOptionsStatus",
  "variableType" : "NodeToNodeEncryptionOptionsStatus",
  "documentation" : null,
  "simpleType" : "NodeToNodeEncryptionOptionsStatus",
  "variableSetterType" : "NodeToNodeEncryptionOptionsStatus"
},
"wrapper" : false
},
"OptionState" : {
  "c2jName" : "OptionState"
"customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "The state of a requested change. One of the following:
- Processing: The request change is still in-process.
- Active: The request change is processed and deployed to the Elasticsearch domain.

"enums" : [
    { "name" : "REQUIRES_INDEX_DOCUMENTS", "value" : "RequiresIndexDocuments" },
    { "name" : "PROCESSING", "value" : "Processing" },
    { "name" : "ACTIVE", "value" : "Active" }
],
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [],
"membersAsMap" : {},
"nonStreamingMembers" : [],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "OptionState",
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "OptionState",
    "variableName" : "optionState",
    "variableType" : "OptionState",
    "documentation" : null,
}
"simpleType": "OptionState",
"variableSetterType": "OptionState"
},
"wrapper": false
},
"OptionStatus": {
  "c2jName": "OptionStatus",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "Provides the current status of the entity.\n  \n\nThis is a convenience that creates an instance of the \n{@link Instant.Builder} avoiding the need to
\ncreate one manually via \n{@link Instant#builder()}\n\nWhen the \n{@link Consumer} completes, \n{@link Instant.Builder#build()} is called immediately and its result is passed to \n{@link #creationDate(Instant)}\n\n\nparam creationDate a consumer that will call methods on \n{@link Instant.Builder}\n\n@see \n#creationDate(Instant)"
},
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [
  {
    "beanStyleGetterMethodName": "getCreationDate",
    "beanStyleSetterMethodName": "setCreationDate",
    "c2jName": "CreationDate",
    "c2jShape": "UpdateTimestamp",
    "defaultConsumerFluentSetterDocumentation": "\n  \n  This is a convenience that creates an instance of the \n  {@link Instant.Builder} avoiding the need to
  \n  create one manually via \n  {@link Instant#builder()}\n  \n  When the \n  {@link Consumer} completes, \n  {@link Instant.Builder#build()} is called immediately and its result is passed to \n  {@link #creationDate(Instant)}\n  \n  param creationDate a consumer that will call methods on \n  {@link Instant.Builder}\n  \n  @see \n  #creationDate(Instant)"
  },
  "documentation": "Timestamp which tells the creation date for the entity.\n  \n  This is a convenience that creates an instance of the \n  {@link Instant.Builder} avoiding the need to
  \n  create one manually via \n  {@link Instant#builder()}\n  \n  When the \n  {@link Consumer} completes, \n  {@link Instant.Builder#build()} is called immediately and its result is passed to \n  {@link #creationDate(Instant)}\n  \n  param creationDate a consumer that will call methods on \n  {@link Instant.Builder}\n  \n  @see \n  #creationDate(Instant)"
  },
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "creationDate",
  "fluentSetterDocumentation": "\n  \n  This is a convenience that creates an instance of the \n  {@link Instant.Builder} avoiding the need to
  \n  create one manually via \n  {@link Instant#builder()}\n  \n  When the \n  {@link Consumer} completes, \n  {@link Instant.Builder#build()} is called immediately and its result is passed to \n  {@link #creationDate(Instant)}\n  \n  param creationDate a consumer that will call methods on \n  {@link Instant.Builder}\n  \n  @see \n  #creationDate(Instant)"
  },
  "hasPayloadMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
that method calls can be chained together.

"fluentSetterMethodName" : "creationDate",
"getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@return Timestamp which tells the creation date for the entity.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CreationDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CreationDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@param creationDate Timestamp which tells the creation date for the entity.",
"setterMethodName" : "setCreationDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "creationDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
  "simple" : true,
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "java.time.Instant",
  

"statusCode" : false,
"unmarshallLocationName" : "UpdateDate",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "UpdateDate",
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>
@param
updateDate Timestamp which tells the last updated time for the entity.";
"setterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlnsNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getUpdateVersion",
"beanStyleSetterMethodName" : "setUpdateVersion",
"c2jName" : "UpdateVersion",
"c2jShape" : "UIntValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>
This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via
{ @link Integer.Builder#build()}.\n\nWhen the { @link Consumer} completes, { @link Integer.Builder#build()} is called
immediately and its result is passed to { @link #updateVersion(Integer)}.\n
@see #updateVersion(Integer)",
"deprecated" : false,
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentMethodName": "updateVersion",
"fluentSetterDocumentation": "&lt;p&gt;Specifies the latest version for the entity.&lt;/p&gt;&lt;@param updateVersion Specifies the latest version for the entity.&lt;/p&gt;&lt;@return Returns a reference to this object so that method calls can be chained together.&gt;",
"fluentSetterMethodName": "updateVersion",
"getterDocumentation": "&lt;p&gt;Specifies the latest version for the entity.&lt;/p&gt;&lt;@return Specifies the latest version for the entity.&gt;",
"getterModel": {
  "returnType": "Integer",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "UpdateVersion",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "UpdateVersion",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "UpdateVersion",
"setterDocumentation": "&lt;p&gt;Specifies the latest version for the entity.&lt;/p&gt;&lt;@param updateVersion Specifies the latest version for the entity.&gt;",
"setterMethodName": "setUpdateVersion",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "updateVersion",
  "variableType": "Integer"}
"documentation": null,
"simpleType": "Integer",
"variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "updateVersion",
  "variableType": "Integer",
  "documentation": "<p>Specifies the latest version for the entity.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
],
{
  "beanStyleGetterMethodName": "getStateAsString",
  "beanStyleSetterMethodName": "setState",
  "c2jName": "State",
  "c2jShape": "OptionState",
  "defaultConsumerFluentSetterDocumentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the [{@link Consumer}] completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #stateAsString(String)}.\n\n@param state a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #state(String)",
  "deprecated": false,
  "documentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
  "enumType": "OptionState",
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": "state",
  "fluentEnumSetterMethodName": "state",
  "fluentGetterMethodName": "stateAsString",
  "fluentSetterDocumentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>\nIf the service returns an enum value that is not available in the current SDK version, [{@link #state}] will return [{@link OptionState#UNKNOWN_TO_SDK_VERSION}]. The raw value returned by the service is available from [{@link #stateAsString}].\n\n@return Provides the <code>OptionState</code> for the Elasticsearch domain.\n@see #state",
  "getterDocumentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>\n\n@see #state",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  }
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "State",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "State",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "State",
"setterDocumentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>
@param state Provides the <code>OptionState</code> for the Elasticsearch domain.
@see OptionState",
"setterMethodName": "setState",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "state",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "state",
  "variableType": "String",
  "documentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
"defaultConsumerFluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
This is a convenience that creates an instance of the [{@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean.Builder}].
When the [{@link Consumer} completes, [{@link Boolean.Builder#build()}] is called immediately and its result is passed to [{@link #pendingDeletion(Boolean)}].

@param pendingDeletion a consumer that will call methods on [{@link Boolean.Builder}]
@return Returns a reference to this object so that method calls can be chained together.
@see #pendingDeletion(Boolean)",
"deprecated" : false,
"documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "pendingDeletion",
"fluentSetterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
@param pendingDeletion Indicates whether the Elasticsearch domain is being deleted.
@return Returns a reference to this object so that method calls can be chained together.
@see #pendingDeletion(Boolean)",
"getterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
"getterModel" : {
  "returnType" : "Boolean",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PendingDeletion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PendingDeletion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PendingDeletion",
"setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>@param pendingDeletion Indicates whether the Elasticsearch domain is being deleted.",

"setterMethodName" : "setPendingDeletion",

"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},

"simple" : true,
"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "pendingDeletion",
  "variableType" : "Boolean",
  "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},

"xmlNameSpaceUri" : null
],

"membersAsMap" : {
  "CreationDate" : {
    "beanStyleGetterMethodName" : "getCreationDate",
    "beanStyleSetterMethodName" : "setCreationDate",
    "c2jName" : "CreationDate",
    "c2jShape" : "UpdateTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>This is a convenience that creates an instance of the { @link Instant.Builder } avoiding the need to create one manually via { @link Instant#builder() }.

When the { @link Consumer } completes, { @link Instant.Builder#build() } is called immediately and its result is passed to { @link #creationDate(Instant) }.

@see #creationDate(Instant)",
  "deprecated" : false,
  "documentation" : "<p>Timestamp which tells the creation date for the entity.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
}
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "creationDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.
@param creationDate Timestamp which tells the creation date for the entity.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "creationDate",
"getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.
@return Timestamp which tells the creation date for the entity.",
"getterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CreationDate",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CreationDate",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.
@param creationDate Timestamp which tells the creation date for the entity.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setCreationDate",
"setterModel" : {
"variableDeclarationType" : "java.time.Instant",
"variableName" : "creationDate",
"variableType" : "java.time.Instant",
"documentation" : null,
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"}
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "creationDate",
  "variableType": "java.time.Instant",
  "documentation": "<p>Timestamp which tells the creation date for the entity.</p>",
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},
"xmlNameSpaceUri": null,
"PendingDeletion": {
  "beanStyleGetterMethodName": "getPendingDeletion",
  "beanStyleSetterMethodName": "setPendingDeletion",
  "c2jName": "PendingDeletion",
  "c2jShape": "Boolean",
  "defaultConsumerFluentSetterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p><p>This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #pendingDeletion(Boolean)}.\n  @param pendingDeletion a consumer that will call methods on {@link Boolean.Builder}\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #pendingDeletion(Boolean)",
  "deprecated": false,
  "documentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "pendingDeletion",
  "fluentSetterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p><p>This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #pendingDeletion(Boolean)}.\n  @param pendingDeletion a consumer that will call methods on {@link Boolean.Builder}\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #pendingDeletion(Boolean)",
  "fluentSetterMethodName": "pendingDeletion",
  "getterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p><p>This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via {@link Boolean#builder()}. When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to {@link #pendingDeletion(Boolean)}.\n  @param pendingDeletion a consumer that will call methods on {@link Boolean.Builder}\n  @return Returns a reference to this object so that method calls can be chained together.\n  @see #pendingDeletion(Boolean)",
  "getterModel": {
    "returnType": "Boolean",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PendingDeletion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PendingDeletion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PendingDeletion",
"setterDocumentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
@param pendingDeletion Indicates whether the Elasticsearch domain is being deleted."

"setterMethodName" : "setPendingDeletion",
"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "pendingDeletion",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "pendingDeletion",
    "variableType" : "Boolean",
    "documentation" : "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"State" : {
    "beanStyleGetterMethodName" : "getStateAsString",
    "beanStyleSetterMethodName" : "setState",
    "c2jName" : "State",
    "c2jShape" : "OptionState",
    "defaultConsumerFluentSetterDocumentation" : "<p>Provides the <code>OptionState</code> for the
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding
the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #stateAsString(String)\}.

Param state a consumer that will call methods on \{@link String.Builder\}.

@return Returns a reference to this object so that method calls can be chained together.

@see #state(String)
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"setterDocumentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.
@see OptionState",
"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UpdateDate" : {
  "beanStyleGetterMethodName" : "getUpdateDate",
  "beanStyleSetterMethodName" : "setUpdateDate",
  "c2jName" : "UpdateDate",
  "c2jShape" : "UpdateTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>This is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via {@link Instant#builder()}. When the {@link Consumer} completes, (@link Instant.Builder#build()) is called immediately and its result is passed to (@link #updateDate(Instant)).
@return Returns a reference to this object so that method calls can be chained together.
@see #updateDate(Instant)",
  "deprecated" : false,
  "documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "updateDate",
  "fluentSetterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
  "fluentSetterMethodName" : "setState"
updateDate Timestamp which tells the last updated time for the entity.

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "updateDate",
"getterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>
@returns Timestamp which tells the last updated time for the entity.

getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateDate",
  "queryString" : false,
  "unmarshallLocationName" : "UpdateDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "UpdateDate",
"setterDocumentation" : "<p>Timestamp which tells the last updated time for the entity.</p>
@param updateDate Timestamp which tells the last updated time for the entity.

setterMethodName" : "setUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "updateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "java.time.Instant",
"variableName" : "updateDate",
"variableType" : "java.time.Instant",
"documentation" : "<p>Timestamp which tells the last updated time for the entity.</p>",
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"xmlnsNameSpaceUri" : null
},
"UpdateVersion" : {
"beanStyleGetterMethodName" : "getUpdateVersion",
"beanStyleSetterMethodName" : "setUpdateVersion",
"c2jName" : "UpdateVersion",
"c2jShape" : "UIntValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>
This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()]. When the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link #updateVersion(Integer)].

@see #updateVersion(Integer)
@deprecated : false,
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateVersion",
"fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>
@return Returns a reference to this object so that method calls can be chained together.
@see #updateVersion(Integer)",
"deprecated" : false,
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"deocumented" : false,
"marshallLocationName" : "UpdateVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "UpdateVersion",
"setterDocumentation" : "<p>Specifies the latest version for the entity.</p>
@param updateVersion Specifies the latest version for the entity.",
"setterMethodName" : "setUpdateVersion",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "updateVersion",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "updateVersion",
"variableType" : "Integer",
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getCreationDate",
"beanStyleSetterMethodName" : "setCreationDate",
"c2jName" : "CreationDate",
"c2jShape" : "UpdateTimestamp",
"defaultConsumerFluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@when the { @link Consumer } completes, { @link Instant.Builder#build() } is called immediately and its result is passed to { @link Instant.Builder#build() }
creationDate a consumer that will call methods on { @link Instant.Builder}
@return Returns a reference to this object so that method calls can be chained together.

@deprecated
@see #creationDate(Instant)"

"documentation" : "<p>Timestamp which tells the creation date for the entity.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "creationDate",
"fluentSetterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@param creationDate Timestamp which tells the creation date for the entity.
@return Returns a reference to this object so that method calls can be chained together.

"getterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@return Timestamp which tells the creation date for the entity.

"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CreationDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CreationDate",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "CreationDate",
"setterDocumentation" : "<p>Timestamp which tells the creation date for the entity.</p>
@param creationDate Timestamp which tells the creation date for the entity.
@return Timestamp which tells the creation date for the entity.

"setterMethodName" : "setCreationDate"
"setterModel": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "creationDate",
  "variableType": "java.time.Instant",
  "documentation": null,
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "creationDate",
  "variableType": "java.time.Instant",
  "documentation": "<p>Timestamp which tells the creation date for the entity.</p>",
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},
"xmlNameSpaceUri": null
},
{"beanStyleGetterMethodName": "getUpdateDate",
"beanStyleSetterMethodName": "setUpdateDate",
"c2jName": "UpdateDate",
"c2jShape": "UpdateTimestamp",
"defaultConsumerFluentSetterDocumentation": "<p>Timestamp which tells the last updated time for the entity.\nThis is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via {@link Instant.Builder#builder()}\nWhen the {@link Instant.Builder#build()} is called immediately and its result is passed to {@link #updateDate(Instant)}\n\n@param updateDate a consumer that will call methods on {@link Instant.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #updateDate(Instant)"
,"deprecated": false,
"documentation": "<p>Timestamp which tells the last updated time for the entity.\n</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "updateDate",
"fluentSetterDocumentation": "<p>Timestamp which tells the last updated time for the entity.\n</p>\n@param updateDate Timestamp which tells the last updated time for the entity\n@return Returns a reference to this object so that method calls can be chained together.\n"fluentSetterMethodName": "updateDate",
"getterDocumentation": "<p>Timestamp which tells the last updated time for the entity.\n</p>\n@param updateDate Timestamp which tells the last updated time for the entity.\n@return Returns a reference to this object so that method calls can be chained together.\n"getterModel": {
  "returnType": "java.time.Instant",
  "documentation": null
},
"http": {
   "additionalMarshallingPath": null,
   "additionalUnmarshallingPath": null,
   "flattened": false,
   "greedy": false,
   "header": false,
   "isPayload": false,
   "isStreaming": false,
   "location": null,
   "marshallLocation": "PAYLOAD",
   "marshallLocationName": "UpdateDate",
   "queryString": false,
   "statusCode": false,
   "unmarshallLocationName": "UpdateDate",
   "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INSTANT",
"name": "UpdateDate",
"setterDocumentation": "<p>Timestamp which tells the last updated time for the entity.</p>@param
date Timestamp which tells the last updated time for the entity.",
"setterMethodName": "setUpdateDate",
"setterModel": {
   "variableDeclarationType": "java.time.Instant",
   "variableName": "updateDate",
   "variableType": "java.time.Instant",
   "documentation": null,
   "simpleType": "Instant",
   "variableSetterType": "java.time.Instant"
},
"simple": true,
"timestampFormat": null,
"variable": {
   "variableDeclarationType": "java.time.Instant",
   "variableName": "updateDate",
   "variableType": "java.time.Instant",
   "documentation": "<p>Timestamp which tells the last updated time for the entity.</p>",
   "simpleType": "Instant",
   "variableSetterType": "java.time.Instant"
},
"xmlNameSpaceUri": null
}
"beanStyleGetterMethodName" : "getUpdateVersion",
"beanStyleSetterMethodName" : "setUpdateVersion",
"c2jName" : "UpdateVersion",
"c2jShape" : "UIntValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>\nThis is a convenience that creates an instance of the {\link Integer.Builder} avoiding the need to create one manually via {\link Integer#builder()}.\nWhen the {\link Consumer} completes, {\link Integer.Builder#build()} is called immediately and its result is passed to {\link updateVersion(Integer)}.\n@see \#updateVersion(Integer)",
"deprecated" : false,
"documentation" : "<p>Specifies the latest version for the entity.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateVersion",
"fluentSetterDocumentation" : "<p>Specifies the latest version for the entity.</p>
@param updateVersion a consumer that will call methods on \{\link Integer.Builder\}\n@see updateVersion\(\text{Integer}\)\n@return Returns a reference to this object so that method calls can be chained together.\n@see \#updateVersion(Integer)",
"fluentSetterMethodName" : "updateVersion",
"getterDocumentation" : "<p>Specifies the latest version for the entity.</p>
@return Specifies the latest version for the entity.\n@see \#updateVersion\(\text{Integer}\)"
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "UpdateVersion",
"setterDocumentation": "\n\n<p>Specifies the latest version for the entity.</p>
@\n\n@param updateVersion Specifies the latest version for the entity.",
"setterMethodName": "setUpdateVersion",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "updateVersion",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "updateVersion",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null

"beanStyleGetterMethodName": "getStateAsString",
"beanStyleSetterMethodName": "setState",
"c2jName": "State",
"c2jShape": "OptionState",
"defaultConsumerFluentSetterDocumentation": "\n\n<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>
\n\n<p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the [{link Consumer} completes, [{link String.Builder#build()} is called immediately and its result is passed to [{link #stateAsString(String)}]. Returns a reference to this object so that method calls can be chained together.\n\n@see #state(String)",
"deprecated": false,
"documentation": "\n\n<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>
\n\n"enumType": "OptionState",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "state",
"fluentEnumSetterMethodName": "state",
"fluentGetterMethodName": "stateAsString",
"fluentSetterDocumentation": "\n\n<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>
\n\n@\n\n@param state Provides the <code>OptionState</code> for the Elasticsearch domain.\n\n@see
OptionState

@returns Returns a reference to this object so that method calls can be chained together.

@see OptionState

"@fluentSetterMethodName": "state",
"getterDocumentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p><p>If the service returns an enum value that is not available in the current SDK version, [ @link #state ] will return [ @link OptionState#UNKNOWN_TO_SDK_VERSION ]. The raw value returned by the service is available from [ @link #stateAsString ].</p>

@return Provides the <code>OptionState</code> for the Elasticsearch domain.
@see OptionState

"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "State",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "State",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "State",
"setterDocumentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>

@param state Provides the <code>OptionState</code> for the Elasticsearch domain.
@see OptionState

"setterMethodName": "setState",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "state",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "state",
  "variableType": "String",
  "documentation": "<p>Provides the <code>OptionState</code> for the Elasticsearch domain.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getPendingDeletion",
"beanStyleSetterMethodName": "setPendingDeletion",
"c2jName": "PendingDeletion",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
This is a convenience that creates an instance of the {<link Boolean.Builder>} avoiding the need to
create one manually via {<link Boolean.Builder>}.<br>When the {<link Consumer>} completes, {<link
Boolean.Builder>} is called immediately and its result is passed to {<link
#pendingDeletion(Boolean)}>.
@see #pendingDeletion(Boolean)",
"deprecated": false,
"documentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "pendingDeletion",
"fluentSetterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
@see #pendingDeletion(Boolean)",
"getterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>
@see #pendingDeletion(Boolean)",
"getterModel": {
  "returnType": "Boolean",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "PendingDeletion",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "PendingDeletion",
"uri": false
],
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "PendingDeletion",
"setterDocumentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p><p>@param pendingDeletion Indicates whether the Elasticsearch domain is being deleted.</p>",
"setterMethodName": "setPendingDeletion",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "pendingDeletion",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "pendingDeletion",
  "variableType": "Boolean",
  "documentation": "<p>Indicates whether the Elasticsearch domain is being deleted.</p>",
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
]
},
"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": [ "CreationDate", "UpdateDate", "State" ],
"shapeName": "OptionStatus",
"simpleMethod": false,
"unmarshaller": {

"flattened": false,
"resultWrapper": null
},
"variable": {
"variableDeclarationType": "OptionStatus",
"variableName": "optionStatus",
"variableType": "OptionStatus",
"documentation": null,
"simpleType": "OptionStatus",
"variableSetterType": "OptionStatus"
},
"wrapper": false
},
"PurchaseReservedElasticsearchInstanceOfferingRequest": {
"c2jName": "PurchaseReservedElasticsearchInstanceOfferingRequest",
"customization": {
"artificialResultWrapper": null,
"skipGeneratingMarshaller": false,
"skipGeneratingModelClass": false,
"skipGeneratingUnmarshaller": false,
"staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p>Container for parameters to
<code>PurchaseReservedElasticsearchInstanceOffering</code></p>",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": {
"action": "PurchaseReservedElasticsearchInstanceOffering",
"locationName": null,
"requestUri": "/2015-01-01/es/purchaseReservedInstanceOffering",
"target": null,
"verb": "POST",
"xmlnsNameSpaceUri": null
},
"members": [
"beanStyleGetterMethodName": "getReservedElasticsearchInstanceOfferingId",
"beanStyleSetterMethodName": "setReservedElasticsearchInstanceOfferingId",
"c2jName": "ReservedElasticsearchInstanceOfferingId",
"c2jShape": "GUID"}
"defaultConsumerFluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>"

This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link reservedElasticsearchInstanceOfferingId(String)].

@annotation param reservedElasticsearchInstanceOfferingId a consumer that will call methods on [@link String.Builder]

@returns Returns a reference to this object so that method calls can be chained together.

@see reservedElasticsearchInstanceOfferingId(String)",

"deprecated" : false,

"documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",

"fluentSetterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>"

@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",

"getterDocumentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>

@returns The ID of the reserved Elasticsearch instance offering to purchase.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,
"marshallingType": "STRING",
"name": "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation": "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.",
"setterMethodName": "setReservedElasticsearchInstanceOfferingId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceOfferingId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceOfferingId",
  "variableType": "String",
  "documentation": "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getReservationName",
"beanStyleSetterMethodName": "setReservationName",
"c2jName": "ReservationName",
"c2jShape": "ReservationToken",
"defaultConsumerFluentSetterDocumentation": "<p>A customer-specified identifier to track this reservation.</p>
\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservationName(String) reservationName(String)}.
@param reservationName a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservationName(String)",
"deprecated": false,
"documentation": "<p>A customer-specified identifier to track this reservation.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "reservationName",
"fluentSetterDocumentation": "<p>A customer-specified identifier to track this reservation.</p>
\n@param reservationName A customer-specified identifier to track this reservation.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "reservationName"
"getterDocumentation" : "<p>A customer-specified identifier to track this reservation.\n@return A customer-specified identifier to track this reservation.\n",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservationName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservationName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>A customer-specified identifier to track this reservation.\n@param reservationName A customer-specified identifier to track this reservation.\n",
"setterMethodName" : "setReservationName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "reservationName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "reservationName",
"variableType" : "String"
"documentation": "A customer-specified identifier to track this reservation.",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getInstanceCount",
"beanStyleSetterMethodName": "setInstanceCount",
"c2jName": "InstanceCount",
"c2jShape": "InstanceCount",
"defaultConsumerFluentSetterDocumentation": "The number of Elasticsearch instances to reserve.\n\nThis is a convenience that creates an instance of the \n{@link Integer.Builder} avoiding the need to create one manually via \n{@link Integer.Builder#builder()}. \n\nWhen the \n{@link Consumer} completes, \n{@link Integer.Builder#build()} is called immediately and its result is passed to \n{@link #instanceCount(Integer)}.
@param instanceCount a consumer that will call methods on \n{\link Integer.Builder}\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see \n#instanceCount(Integer)",

"deprecated": false,
"documentation": "The number of Elasticsearch instances to reserve.\n",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "instanceCount",
"fluentSetterDocumentation": "The number of Elasticsearch instances to reserve.\n\n\n@returns Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName": "instanceCount",
"getterDocumentation": "The number of Elasticsearch instances to reserve.\n",
"getterModel": {
  "returnType": "Integer",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "InstanceCount",
  "queryString": false,
  "statusCode": false,
The number of Elasticsearch instances to reserve.

```java

@see #instanceCount(Integer)
```

This is a convenience that creates an instance of the `@link Integer.Builder` avoiding the need to create one manually via `@link Integer#builder()`. When the `@link Consumer` completes, `@link Integer.Builder#build()` is called immediately and its result is passed to `@link #instanceCount(Integer)`. Returns a reference to this object so that method calls can be chained together.

```java

@see #instanceCount(Integer)
```
"deprecated": false,
"documentation": "The number of Elasticsearch instances to reserve.\n\n@param instanceCount The number of Elasticsearch instances to reserve.\n\n@return Returns a reference to this object so that method calls can be chained together."
"setterMethodName": "setInstanceCount",
"setterDocumentation": "The number of Elasticsearch instances to reserve.\n\n@return The number of Elasticsearch instances to reserve."
"getterModel": {
  "returnType": "Integer",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "InstanceCount",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "InstanceCount",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "InstanceCount",
"setterDocumentation": "The number of Elasticsearch instances to reserve.\n\n@return The number of Elasticsearch instances to reserve."
"setterMethodName": "setInstanceCount",
"setterModel": {
  "variableDeclarationType": "Integer"}
"variableName" : "instanceCount",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : "<p>The number of Elasticsearch instances to reserve.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"ReservationName" : {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultValueSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservationName(String)}. Returns a reference to this object so that method calls can be chained together.

@see #reservationName(String)
@deprecated"
, false,
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>
@see #reservationName(String)
@deprecated"
, false,
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>
@see #reservationName(String)
@deprecated"
, false,
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservationName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservationName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "A customer-specified identifier to track this reservation.
\"@param\nreservationName A customer-specified identifier to track this reservation.\",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "A customer-specified identifier to track this reservation.\",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"ReservedElasticsearchInstanceOfferingId" : {
    "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
    "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
    "c2jName" : "ReservedElasticsearchInstanceOfferingId",
    "c2jShape" : "GUID",
    "defaultValueFluentSetterDocumentation" : "The ID of the reserved Elasticsearch instance offering to purchase.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceOfferingId(String)}.
@returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceOfferingId(String)",
    "deprecated" : false,
    "documentation" : "The ID of the reserved Elasticsearch instance offering to purchase.",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
    "fluentSetterDocumentation" : "The ID of the reserved Elasticsearch instance offering to purchase.
@returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceOfferingId(String)",
    "fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
    "getterDocumentation" : "The ID of the reserved Elasticsearch instance offering to purchase.
@returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceOfferingId(String)",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : { 
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "The ID of the reserved Elasticsearch instance offering to purchase.

@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.

setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "The ID of the reserved Elasticsearch instance offering to purchase.

@see #reservedElasticsearchInstanceOfferingId(String)

@link String.Builder

This is a convenience that creates an instance of the Builder avoiding the need to create one manually via String.Builder().

When the @link Consumer completes, String.Builder#build() is called immediately and its result is passed to the @link #reservedElasticsearchInstanceOfferingId(String) method that will call methods on String.Builder#return. Returns a reference to this object so that method calls can be chained together.

deprecated" : false,
"documentation" : "The ID of the reserved Elasticsearch instance offering to purchase.

enumType" : null,
"eventHeader" : false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation": "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "reservedElasticsearchInstanceOfferingId",
"getterDocumentation": "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
@return The ID of the reserved Elasticsearch instance offering to purchase.",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ReservedElasticsearchInstanceOfferingId",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ReservedElasticsearchInstanceOfferingId",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation": "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>
@param reservedElasticsearchInstanceOfferingId The ID of the reserved Elasticsearch instance offering to purchase.
@return The ID of the reserved Elasticsearch instance offering to purchase.",
"setterMethodName": "setReservedElasticsearchInstanceOfferingId",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "reservedElasticsearchInstanceOfferingId",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType" : "String",
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The ID of the reserved Elasticsearch instance offering to purchase.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getReservationName",
  "beanStyleSetterMethodName" : "setReservationName",
  "c2jName" : "ReservationName",
  "c2jShape" : "ReservationToken",
  "defaultConsumerFluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>"
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link
String.Builder#build()\} is called immediately and its result is passed to \{@link
reservationName(String)\}.\n\n@see \#reservationName(String)"
  "deprecated" : false,
  "documentation" : "<p>A customer-specified identifier to track this reservation.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservationName",
  "fluentSetterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>
  \param reservationName A customer-specified identifier to track this reservation.\n  @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "reservationName",
  "getterDocumentation" : "<p>A customer-specified identifier to track this reservation.</p>
  \return A customer-specified identifier to track this reservation.\n  \see \#reservationName(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ReservationName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ReservationName",
"uri": false
],
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservationName",
"setterDocumentation": "<p>A customer-specified identifier to track this reservation.</p>
@param reservationName A customer-specified identifier to track this reservation.",
"setterMethodName": "setReservationName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "reservationName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "reservationName",
  "variableType": "String",
  "documentation": "<p>A customer-specified identifier to track this reservation.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getInstanceCount",
"beanStyleSetterMethodName": "setInstanceCount",
"c2jName": "InstanceCount",
"c2jShape": "InstanceCount",
"defaultConsumerFluentSetterDocumentation": "<p>The number of Elasticsearch instances to
This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()]. When the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link #instanceCount(Integer)].

@see #instanceCount(Integer)

@return Returns a reference to this object so that method calls can be chained together.

@deprecated
The number of Elasticsearch instances to reserve.

@fluentGetterMethodName" : "instanceCount",
"fluentSetterMethodName" : "instanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances to reserve.</p>\n@return The number of Elasticsearch instances to reserve.

"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "InstanceCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "InstanceCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER"
"name" : "InstanceCount",
"setterDocumentation" : "<p>The number of Elasticsearch instances to reserve.\n@param instanceCount The number of Elasticsearch instances to reserve.\n@param instanceCount",
"setterMethodName" : "setInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "instanceCount",
  "variableType" : "Integer",
  "documentation" : "<p>The number of Elasticsearch instances to reserve.\n</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null,
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "ReservedElasticsearchInstanceOfferingId", "ReservationName" ],
"shapeName" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
  "variableName" : "purchaseReservedElasticsearchInstanceOfferingRequest",
  "variableType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
  "documentation" : null,
  "simpleType" : "PurchaseReservedElasticsearchInstanceOfferingRequest",
  "variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingRequest"
},
"wrapper" : false,
"PurchaseReservedElasticsearchInstanceOfferingResponse" : {
  "c2jName" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  }
}
"deprecated" : false,
"documentation" : "<p>Represents the output of a 
<code>PurchaseReservedElasticsearchInstanceOffering</code> operation.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  "beanStyleGetterMethodName" : "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName" : "setReservedElasticsearchInstanceId",
  "c2jName" : "ReservedElasticsearchInstanceId",
  "c2jShape" : "GUID",
  "defaultConsumerFluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder()}.\n\nWhen the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #reservedElasticsearchInstanceId(String)}.\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceId(String)",
  "deprecated" : false,
  "documentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "reservedElasticsearchInstanceId",
  "fluentSetterDocumentation" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>
@returns Returns a reference to this object so that method calls can be chained together.",
  "getEnumType" : null,
  "getPayloadMember" : null,
  "getReservedElasticsearchInstanceId" : "<p>Details of the reserved Elasticsearch instance which was purchased.</p>
@returns Returns a reference to this object so that method calls can be chained together.",
  "getStreamingMember" : null,
  "http" : [ 
    "additionalMarshalllingPath" : null,
    "additionalUnmarshallingPath" : null,
  ],
{"flattened":false,"greedy":false,"header":false,"isPayload":false,"isStreaming":false,"location":null,"marshallLocation":"PAYLOAD","marshallLocationName":"ReservedElasticsearchInstanceId","queryString":false,"statusCode":false,"unmarshallLocationName":"ReservedElasticsearchInstanceId","uri":false},"idempotencyToken":false,"isBinary":false,"JsonValue":false,"list":false,"listModel":null,"map":false,"mapModel":null,"marshallingType":"STRING","name":"ReservedElasticsearchInstanceId","setterDocumentation":"<p>Details of the reserved Elasticsearch instance which was purchased.</p>\n@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.\n","setterMethodName":"setReservedElasticsearchInstanceId","setterModel":{
"variableDeclarationType":"String","variableName":"reservedElasticsearchInstanceId","variableType":"String","documentation":null,"simpleType":"String","variableSetterType":"String"},"simple":true,"timestampFormat":null,"variable":{
"variableDeclarationType":"String","variableName":"reservedElasticsearchInstanceId","variableType":"String","documentation":null,"simpleType":"String","variableSetterType":"String"},"xmlNameSpaceUri":null,"beanStyleGetterMethodName":"getReservationName","beanStyleSetterMethodName":"setReservationName"}
"c2jName" : "ReservationName",
"c2jShape" : "ReservationToken",
"defaultConsumerFluentSetterDocumentation" : "The customer-specified identifier used to track this reservation.
This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String#builder().
When the Consumer completes, String.Builder#build() is called immediately and its result is passed to #reservationName(String).
@<p>@param reservationName a consumer that will call methods on String.Builder
@returns Returns a reference to this object so that method calls can be chained together.
@see #reservationName(String)",

"deprecated" : false,
"documentation" : "The customer-specified identifier used to track this reservation.

@returns The customer-specified identifier used to track this reservation.

@see #reservationName(String)",

"fluentGetterMethodName" : "reservationName",
"fluentSetterDocumentation" : "The customer-specified identifier used to track this reservation.

@returns The customer-specified identifier used to track this reservation.

@see #reservationName(String)",

"getterDocumentation" : "The customer-specified identifier used to track this reservation.

@returns The customer-specified identifier used to track this reservation.

@see #reservationName(String)",

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservationName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservationName",
    "uri" : false
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param reservationName The customer-specified identifier used to track this reservation.",
"setterMethodName" : "setReservationName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservationName",
  "variableType" : "String",
  "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "ReservationName" : {
    "beanStyleGetterMethodName" : "getReservationName",
    "beanStyleSetterMethodName" : "setReservationName",
    "c2jName" : "ReservationName",
    "c2jShape" : "ReservationToken",
    "defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>
\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to
create one manually via {@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
\n\n@link #reservationName(String)\n\n@param reservationName a consumer that will call methods on
\n\n@see #reservationName(String)",
    "deprecated" : false,
    "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "reservationName",
    "fluentSetterMethodName" : "setReservationName",
    "marshallingType" : "STRING",
    "name" : "ReservationName",
    "setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>\n@param reservationName The customer-specified identifier used to track this reservation.",
    "setterMethodName" : "setReservationName",
    "setterModel" : {
      "variableDeclarationType" : "String",
      "variableName" : "reservationName",
      "variableType" : "String",
      "documentation" : null,
      "simpleType" : "String",
      "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "String",
      "variableName" : "reservationName",
      "variableType" : "String",
      "documentation" : "<p>The customer-specified identifier used to track this reservation.</p>",
      "simpleType" : "String",
      "variableSetterType" : "String"  
    },
    "xmlNameSpaceUri" : null
  },
}
"fluentSetterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>
@param reservationName The customer-specified identifier used to track this reservation.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "reservationName",
"getterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>
@return The customer-specified identifier used to track this reservation."
getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservationName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservationName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservationName",
"setterDocumentation" : "<p>The customer-specified identifier used to track this reservation.</p>
@param reservationName The customer-specified identifier used to track this reservation."
setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "reservationName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "reservationName",
  "variableType": "String",
  "documentation": "The customer-specified identifier used to track this reservation.<p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"ReservedElasticsearchInstanceId": {
  "beanStyleGetterMethodName": "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName": "setReservedElasticsearchInstanceId",
  "c2jName": "ReservedElasticsearchInstanceId",
  "c2jShape": "GUID",
  "defaultConsumerFluentSetterDocumentation": "Details of the reserved Elasticsearch instance which was purchased.<p>\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservedElasticsearchInstanceId(String)}\n\n@see #reservedElasticsearchInstanceId(String)",
  "deprecated": false,
  "documentation": "Details of the reserved Elasticsearch instance which was purchased.<p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "reservedElasticsearchInstanceId",
  "fluentSetterDocumentation": "Details of the reserved Elasticsearch instance which was purchased.<p>\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceId(String)",
  "getterDocumentation": "Details of the reserved Elasticsearch instance which was purchased.<p>\n@return Details of the reserved Elasticsearch instance which was purchased.",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
Details of the reserved Elasticsearch instance which was purchased.

@param reservedElasticsearchInstanceId Details of the reserved Elasticsearch instance which was purchased.

```
"setterMethodTypeName": "setReservedElasticsearchInstanceId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceId",
  "variableType": "String",
  "documentation": "<p>Details of the reserved Elasticsearch instance which was purchased.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}
```

```
"nonStreamingMembers": [
  {
    "beanStyleGetterMethodName": "getReservedElasticsearchInstanceId",
    "beanStyleSetterMethodName": "setReservedElasticsearchInstanceId",
    "c2jName": "ReservedElasticsearchInstanceId",
    "c2jShape": "GUID",
    "defaultConsumerFluentSetterDocumentation": "<p>Details of the reserved Elasticsearch instance which was purchased.</p>"
  }
],
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ReservedElasticsearchInstanceId",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ReservedElasticsearchInstanceId",
"uri": false
}
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link reservedElasticsearchInstanceId(String)\}.

@param reservedElasticsearchInstanceId a consumer that will call methods on \{@link String.Builder\}
@return Returns a reference to this object so that method calls can be chained together.
@see reservedElasticsearchInstanceId(String)
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "Details of the reserved Elasticsearch instance which was purchased.".
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceId",
"variableType" : "String",
"documentation" : "Details of the reserved Elasticsearch instance which was purchased.",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getReservationName",
"beanStyleSetterMethodName" : "setReservationName",
"c2jName" : "ReservationName",
"c2jShape" : "ReservationToken",
"defaultConsumerFluentSetterDocumentation" : "The customer-specified identifier used to track this reservation.

This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String#builder() When the Consumer completes, String.Builder#build() is called immediately and its result is passed to ReservationName(String).@param reservationName a consumer that will call methods on String.Builder

@returns Returns a reference to this object so that method calls can be chained together.

@see #reservationName(String)",
"deprecated" : false,
"documentation" : "The customer-specified identifier used to track this reservation.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservationName",
"fluentSetterDocumentation" : "The customer-specified identifier used to track this reservation.

@returns Returns a reference to this object so that method calls can be chained together.

@see #reservationName(String)";
"getterDocumentation": "<p>The customer-specified identifier used to track this reservation.</p>
@return The customer-specified identifier used to track this reservation.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "ReservationName",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "ReservationName",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservationName",
"setterDocumentation": "<p>The customer-specified identifier used to track this reservation.</p>
@param reservationName The customer-specified identifier used to track this reservation.",
"setterMethodName": "setReservationName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "reservationName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "reservationName",
  "variableType": "String"}
"documentation" : "The customer-specified identifier used to track this reservation.",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
"simpleMethod" : false,
"unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
},
"variable" : {
    "variableDeclarationType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
    "variableName" : "purchaseReservedElasticsearchInstanceOfferingResponse",
    "variableType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
    "documentation" : null,
    "simpleType" : "PurchaseReservedElasticsearchInstanceOfferingResponse",
    "variableSetterType" : "PurchaseReservedElasticsearchInstanceOfferingResponse"
},
"wrapper" : false
},
"RecurringCharge" : {
    "c2jName" : "RecurringCharge",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "Contains the specific price and frequency of a recurring charges for a reserved Elasticsearch instance, or for a reserved Elasticsearch instance offering."
"members" : [ {
  "beanStyleGetterMethodName" : "getRecurringChargeAmount",
  "beanStyleSetterMethodName" : "setRecurringChargeAmount",
  "c2jName" : "RecurringChargeAmount",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
This is a convenience that creates an instance of the \{ @link Double.Builder \} avoiding the need to create one manually via \{ @link Double.Builder() \}.\nWhen the \{ @link Consumer \} completes, \{ @link Double.Builder#build() \} is called immediately and its result is passed to \{ @link recurringChargeAmount(Double) \}.\n\n@param recurringChargeAmount a consumer that will call methods on \{ @link Double.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see recurringChargeAmount(Double)",
  "deprecated" : false,
  "documentation" : "<p>The monetary amount of the recurring charge.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringChargeAmount",
  "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
@param recurringChargeAmount The monetary amount of the recurring charge.\n\n@return The monetary amount of the recurring charge.",
  "getterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
@return The monetary amount of the recurring charge.",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "RecurringChargeAmount",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "RecurringChargeAmount",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "RecurringChargeAmount",
"setterDocumentation" : "<p>The monetary amount of the recurring charge.</p>\n@par

recurringChargeAmount The monetary amount of the recurring charge.",
"setterMethodName" : "setRecurringChargeAmount",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "recurringChargeAmount",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "recurringChargeAmount",
  "variableType" : "Double",
  "documentation" : "<p>The monetary amount of the recurring charge.</p>
\n\n@see #recurringChargeFrequency(String)",
  "deprecated" : false,
  "documentation" : "<p>The frequency of the recurring charge.</p>\n\n\n@see #recurringChargeFrequency(String)",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringChargeFrequency",
  "fluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>\n\n\n@see #recurringChargeFrequency(String)"}
recurringChargeFrequency The frequency of the recurring charge.
return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "recurringChargeFrequency",
"getterDocumentation" : "<p>The frequency of the recurring charge.</p>
return The frequency of the recurring charge.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RecurringChargeFrequency",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RecurringChargeFrequency",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RecurringChargeFrequency",
"setterDocumentation" : "<p>The frequency of the recurring charge.</p>
return The frequency of the recurring charge.

"setterMethodName" : "setRecurringChargeFrequency",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "recurringChargeFrequency",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "String",
"variableName" : "recurringChargeFrequency",
"variableType" : "String",
"documentation" : "<p>The frequency of the recurring charge.\</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
]

"membersAsMap" : {
 "RecurringChargeAmount" : {
 "beanStyleGetterMethodName" : "getRecurringChargeAmount",
 "beanStyleSetterMethodName" : "setRecurringChargeAmount",
 "c2jName" : "RecurringChargeAmount",
 "c2jShape" : "Double",
 "defaultValue" : false,
 "documentation" : "<p>The monetary amount of the recurring charge.\</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringChargeAmount",
 "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.\</p>
@param recurringChargeAmount a consumer that will call methods on \{@link Double.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #recurringChargeAmount(Double)",
 "deprecated" : false,
 "documentation" : "<p>The monetary amount of the recurring charge.\</p>",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "recurringChargeAmount",
 "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.\</p>
@param recurringChargeAmount The monetary amount of the recurring charge.\n@return Returns a reference to this object so that method calls can be chained together.\n",
 "getterDocumentation" : "<p>The monetary amount of the recurring charge.\</p>
@return The monetary amount of the recurring charge.
\@return The monetary amount of the recurring charge.\n@getterModel" : {
 "returnType" : "Double",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RecurringChargeAmount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RecurringChargeAmount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "RecurringChargeAmount",
"setterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
@param recurringChargeAmount The monetary amount of the recurring charge.",
"setterMethodName" : "setRecurringChargeAmount",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "recurringChargeAmount",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "recurringChargeAmount",
  "variableType" : "Double",
  "documentation" : "<p>The monetary amount of the recurring charge.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
},
"RecurringChargeFrequency" : {
  "beanStyleGetterMethodName" : "getRecurringChargeFrequency",
  "beanStyleSetterMethodName" : "setRecurringChargeFrequency",
  "c2jName" : "RecurringChargeFrequency",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>
This is a convenience that creates an instance of the @link String.Builder] avoiding the need to create one manually via {@link String.Builder#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #recurringChargeFrequency(String))}.\n@param
recurringChargeFrequency a consumer that will call methods on \[@link String.Builder\] return Returns a reference to this object so that method calls can be chained together.\n@see recurringChargeFrequency(String)\n
"deprecated" : false,
"documentation" : "&lt;p&gt;The frequency of the recurring charge.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringChargeFrequency",
"fluentSetterDocumentation" : "&lt;p&gt;The frequency of the recurring charge.&lt;/p&gt;\n@param recurringChargeFrequency The frequency of the recurring charge.\n@return Returns a reference to this object so that method calls can be chained together.\n"
"fluentSetterMethodName" : "recurringChargeFrequency",
"getterDocumentation" : "&lt;p&gt;The frequency of the recurring charge.&lt;/p&gt;\n@return The frequency of the recurring charge."]

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringChargeFrequency",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringChargeFrequency",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "RecurringChargeFrequency",
"setterDocumentation" : "&lt;p&gt;The frequency of the recurring charge.&lt;/p&gt;\n@param recurringChargeFrequency The frequency of the recurring charge."
"setterMethodName" : "setRecurringChargeFrequency"
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "recurringChargeFrequency",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "recurringChargeFrequency",
    "variableType" : "String",
    "documentation" : "<p>The frequency of the recurring charge.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [
    {
        "beanStyleGetterMethodName" : "getRecurringChargeAmount",
        "beanStyleSetterMethodName" : "setRecurringChargeAmount",
        "c2jName" : "RecurringChargeAmount",
        "c2jShape" : "Double",
        "defaultConsumerFluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #recurringChargeAmount(Double)}.@param recurringChargeAmount a consumer that will call methods on {@link Double.Builder}\n@return Returns a reference to this object so that method calls can be chained together.@see #recurringChargeAmount(Double)",
        "deprecated" : false,
        "documentation" : "<p>The monetary amount of the recurring charge.</p>",
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "recurringChargeAmount",
        "fluentSetterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
@param recurringChargeAmount The monetary amount of the recurring charge.@return Returns a reference to this object so that method calls can be chained together."
        "fluentSetterMethodName" : "recurringChargeAmount",
        "getterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
@param recurringChargeAmount The monetary amount of the recurring charge.@return The monetary amount of the recurring charge."
        "getterModel" : {
            "returnType" : "Double",
        }
    }
]
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringChargeAmount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringChargeAmount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "RecurringChargeAmount",
"setterDocumentation" : "<p>The monetary amount of the recurring charge.</p>
@param recurringChargeAmount The monetary amount of the recurring charge.",
"setterMethodName" : "setRecurringChargeAmount",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "recurringChargeAmount",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "recurringChargeAmount",
  "variableType" : "Double",
  "documentation" : "<p>The monetary amount of the recurring charge.</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
}.
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getRecurringChargeFrequency",
"beanStyleSetterMethodName" : "setRecurringChargeFrequency",
"c2jName" : "RecurringChargeFrequency",
"c2jShape" : "String",
"defaultValueConsumerFluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>
This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()].

When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link recurringChargeFrequency(String)].

@param recurringChargeFrequency a consumer that will call methods on [ @link String.Builder]

@returns a reference to this object so that method calls can be chained together.

@see recurringChargeFrequency(String)

"deprecated" : false,
"documentation" : "<p>The frequency of the recurring charge.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringChargeFrequency",
"fluentSetterDocumentation" : "<p>The frequency of the recurring charge.</p>
@param recurringChargeFrequency The frequency of the recurring charge.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "recurringChargeFrequency",
"getterDocumentation" : "<p>The frequency of the recurring charge.</p>
@return The frequency of the recurring charge.

"getterModel" : {

"returnType" : "String",
"documentation" : null
}

"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RecurringChargeFrequency",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RecurringChargeFrequency",
"uri" : false
}

"idempotencyToken" : false,
"isBinary" : false,
"setterMethodName" : "setRecurringChargeFrequency",
"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "recurringChargeFrequency",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "String",
   "variableName" : "recurringChargeFrequency",
   "variableType" : "String",
   "documentation" : "The frequency of the recurring charge.",
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "RecurringCharge",
"simpleMethod" : false,
"unmarshaller" : {
   "flattened" : false,
   "resultWrapper" : null
},
"variable" : {
   "variableDeclarationType" : "RecurringCharge",
   "variableName" : "recurringCharge",
   "variableType" : "RecurringCharge",
   "documentation" : null,
   "simpleType" : "RecurringCharge",
   "variableSetterType" : "RecurringCharge"
},
"wrapper" : false
"RemoveTagsRequest" : {
  "c2jName" : "RemoveTagsRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "Container for the parameters to the <code>RemoveTags</code> operation.
Specify the <code>ARN</code> for the Elasticsearch domain from which you want to remove the specified <code>TagKey</code>.",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "RemoveTags",
    "locationName" : null,
    "requestUri" : "/2015-01-01/tags-removal",
    "target" : null,
    "verb" : "POST",
    "xmlNameSpaceUri" : null
  },
  "members" : [
    "beanStyleGetterMethodName" : "getArn",
    "beanStyleSetterMethodName" : "setArn",
    "c2jName" : "ARN",
    "c2jShape" : "ARN",
    "defaultConsumerFluentSetterDocumentation" : "Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags."
  ],
  "deprecated" : false,
  "documentation" : "Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags."
}
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "arn",
"fluentSetterDocumentation": "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "arn",
"getterDocumentation": "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
@return Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "ARN",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "ARN",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ARN",
"setterDocumentation": "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.",
"setterMethodName": "setArn",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "arn"}
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "String",
 "variableName" : "arn",
 "variableType" : "String",
 "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>",
 "simpleType" : "String",
 "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getTagKeys",
"beanStyleSetterMethodName" : "setTagKeys",
"c2jName" : "TagKeys",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>
This is a convenience that creates an instance of the { @link List&lt;String&gt;}.Builder avoiding the need to create one manually via { @link List&lt;String&gt;#builder()}. When the { @link Consumer} completes, { @link List&lt;String&gt;.Builder#build()} is called immediately and its result is passed to { @link @param tagKeys a consumer that will call methods on { @link List&lt;String&gt;}.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #tagKeys(List&lt;String&gt;)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagKeys",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
@return Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.
@see #tagKeys(List&lt;String&gt;)",
"getterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
@return Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.
"getterModel" : {
}
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TagKeys",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TagKeys",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #member(String)\}.\n@param member a consumer that will call methods on \{@link String.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object. The new value for the Member property for this object.\n@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.
\n@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.
\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>
@param tagKeys Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.",
"setterMethodName" : "setTagKeys",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "tagKeys",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
  
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "tagKeys",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
  
},
"xmlNameSpaceUri" : null }],
"membersAsMap" : {
  "ARN" :
"beanStyleGetterMethodName" : "getArn",
"beanStyleSetterMethodName" : "setArn",
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultValueFluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #arn(String)}. Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>

@<p>@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>

@<p>@return Returns a reference to this object so that method calls can be chained together.</p>",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>

@return Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

@<p>
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
}

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ARN",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ARN",
  "uri" : false
},
"idempotencyToken" : false,
Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

```java
@Param

@Param param

Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.

- **getterMethodName** = "getArn"
- **getterModel** = {  
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
- **simple** = true,
- **timestampFormat** = null,
- **variable** = {
  "variableDeclarationType" : "String",
  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags."
},
- **xmlNameSpaceUri** = null

- **TagKeys** = {
  "beanStyleGetterMethodName" : "getTagKeys",
  "beanStyleSetterMethodName" : "setTagKeys",
  "c2jName" : "TagKeys",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.

This is a convenience that creates an instance of the <code>List<String>.Builder</code> avoiding the need to create one manually via <code>List<String>#builder()</code>. When the <code>ListConsumer</code> completes, <code>ListBuilder#build()</code> is called immediately and its result is passed to <code>tagKeys(List<String>)</code>. Returns a reference to this object so that method calls can be chained together.<br/>

- **deprecated** = false,
- **documentation** : "Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain."
"enumType" : null,
"eventType" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagKeys",
"fluentSetterDocumentation" : "<p>Specifies the &lt;code&gt;TagKey&lt;/code&gt; list which you want to remove from the Elasticsearch domain.&lt;/p&gt;<p>@param tagKeys Specifies the &lt;code&gt;TagKey&lt;/code&gt; list which you want to remove from the Elasticsearch domain.&lt;/p&gt;<p>@return Returns a reference to this object so that method calls can be chained together.&lt;/p&gt;

"fluentSetterMethodName" : "tagKeys",
"getterDocumentation" : "&lt;p&gt;Specifies the &lt;code&gt;TagKey&lt;/code&gt; list which you want to remove from the Elasticsearch domain.&lt;/p&gt;&lt;p&gt;Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.&lt;/p&gt;&lt;p&gt;return Specifies the &lt;code&gt;TagKey&lt;/code&gt; list which you want to remove from the Elasticsearch domain.&lt;/p&gt;

"getterModel" : {
   "returnType" : "java.util.List&lt;String&gt;",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "TagKeys",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "TagKeys",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
   "implType" : "java.util.ArrayList",
   "interfaceType" : "java.util.List",
   "listMemberModel" : {
      "beanStyleGetterMethodName" : "getMember",
      "beanStyleSetterMethodName" : "setMember",
      "c2jName" : "member",
      "c2jShape" : "String",
      "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
This is a convenience that creates an instance of the `@link String.Builder` avoiding the need to create one manually via `@link String#builder()`. When the `@link Consumer` completes, `@link String.Builder#build()` is called immediately and its result is passed to `@link #member(String)`.

@returns Returns a reference to this object so that method calls can be chained together.

@see #member(String)
"setterDocumentation" : "Sets the value of the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "TagKeys",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p><p>@param tagKeys Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>";
"setterMethodName" : "setTagKeys",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "tagKeys",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "tagKeys",
"variableType" : "java.util.List<String>",
"documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the
Elasticsearch domain.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>",
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getArn",
"beanStyleSetterMethodName" : "setArn",
"c2jName" : "ARN",
"c2jShape" : "ARN",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch
domain from which you want to delete the specified tags.</p>
This is a convenience that creates an instance of the
{@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes,
{@link String.Builder#build()} is called immediately and its result is passed to
{@link #arn(String)}.
@deprecated
@param arn a consumer that will call methods on
{@link String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #arn(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to
delete the specified tags.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "arn",
"fluentSetterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to
delete the specified tags.</p>
@return Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.
@deprecated
@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "arn",
"getterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
@return Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ARN",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ARN",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ARN",
"setterDocumentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>
@param arn Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.",
"setterMethodName" : "setArn",
"setterModel" : {
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  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "arn",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>ARN</code> for the Elasticsearch domain from which you want to delete the specified tags.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
"beanStyleGetterMethodName" : "getTagKeys",
"beanStyleSetterMethodName" : "setTagKeys",
"c2jName" : "TagKeys",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>

This is a convenience that creates an instance of the <code>List<String>.Builder</code> avoiding the need to create one manually via <code>List<String>#builder()</code>. When the <code>Consumer</code> completes, <code>List<String>.Builder#build()</code> is called immediately and its result is passed to <code>TagKeys(List<String>)</code>. Returns a reference to this object so that method calls can be chained together.

"documentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "tagKeys",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

"getterDocumentation" : "<p>Specifies the <code>TagKey</code> list which you want to remove from the Elasticsearch domain.</p>

"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
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  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TagKeys",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TagKeys",
  "isStreaming" : false}
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.
This is a convenience that creates an instance of the \[@link String.Builder\] avoiding the need to create one manually via \[@link String#builder\].\n\nWhen the \[@link Consumer\] completes, \[@link String.Builder#build\] is called immediately and its result is passed to \[@link #member\].\n    \n    @param member a consumer that will call methods on \[@link String.Builder\]\n    @return Returns a reference to this object so that method calls can be chained together.\n    @see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.
The new value for the Member property for this object.\n    @return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n    @return The value of the Member property for this object."
  },
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
  }
}
"marshallerLocationName" : "member",
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"statusCode" : false,
"unmarshallerLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n*param member The new value for the Member property for this object.*",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
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  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"}
Specifies the `<code>TagKey</code>` list which you want to remove from the Elasticsearch domain.

- **param tagKeys** Specifies the `<code>TagKey</code>` list which you want to remove from the Elasticsearch domain.

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<table>
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<tr>
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<tbody>
<tr>
<td>java.util.List&lt;String&gt;</td>
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Elasticsearch domain.

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"c2jShape" : "ReservationToken",
"defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>
\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link String#builder(String)\}.\n\n@see \#reservationName(String)\n\n@see \#reservationName(String)",
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"c2jShape" : "GUID",
"defaultConsumerFluentSetterDocumentation" : "<p>The unique identifier for the reservation.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String.Builder#builder()}. When the Consumer completes, String.Builder#build() is called immediately and its result is passed to
{@link #reservedElasticsearchInstanceId(String)}. Returns a reference to this object so that method calls can be chained together.
@see #reservedElasticsearchInstanceId(String)",
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"fluentSetterDocumentation" : "The unique identifier for the reservation.<p>
@param reservedElasticsearchInstanceId a consumer that will call methods on String.Builder
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@see #reservedElasticsearchInstanceId(String)",
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  "statusCode" : false,
  "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
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"xmlNameSpaceUri" : null
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  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to
@link #reservedElasticsearchInstanceOfferingId(String)\n<br/>\n@deprecated\n
Returns a reference to this object so that method calls can be chained together.<b>@see #reservedElasticsearchInstanceOfferingId(String)\n@deprecated</b>
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"defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String.Builder#builder() \}.\n\nWhen the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #elasticsearchInstanceTypeAsString(String) \}.\n\n@param elasticsearchInstanceType a consumer that will call methods on \{ @link String.Builder \}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchInstanceTypeAsString(String)",
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"fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
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If the service returns an enum value that is not available in the current SDK version, \{ @link #elasticsearchInstanceType\} will return \{ @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION \}.\nThe raw value returned by the service is available from \{ @link #elasticsearchInstanceTypeAsString\}.\n
@param elasticsearchInstanceType\n@see ESPartitionInstanceType\n@return The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
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"c2jName": "StartTime",
"c2jShape": "UpdateTimestamp",
"defaultConsumerFluentSetterDocumentation": "The time the reservation started.

This is a convenience that creates an instance of the Instant.Builder avoiding the need to create one manually via Instant#builder().

When the [link Consumer] completes, Instant.Builder#build() is called
immediately and its result is passed to {@link #startTime(Instant)}.\n@param startTime a consumer that will call methods on {@link Instant.Builder} \n@return Returns a reference to this object so that method calls can be chained together.\n@see #startTime(Instant)

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"fluentSetterDocumentation" : "<p>The time the reservation started.</p><p>The time the reservation started.\n@return The time the reservation started.",
"getterDocumentation" : "<p>The time the reservation started.</p>
@return The time the reservation started.

getterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StartTime",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StartTime",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTime",
"setterDocumentation" : "<p>The time the reservation started.</p><p>The time the reservation started.\n@param startTime The time the reservation started.
@return Returns a reference to this object so that method calls can be chained together."

setterMethodName" : "setStartTime",
"setterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"setterSetterMethodName" : null,
"variableDeclarationType" : "java.time.Instant",
"variableName" : "startTime",
"variableType" : "java.time.Instant",
"documentation" : null,
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.time.Instant",
"variableName" : "startTime",
"variableType" : "java.time.Instant",
"documentation" : "<p>The time the reservation started.</p>
"simpleType" : "Instant",
"variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getDuration",
"beanStyleSetterMethodName" : "setDuration",
"c2jName" : "Duration",
"c2jShape" : "Integer",
"defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>

This is a convenience that creates an instance of the [ @link Integer.Builder] avoiding the need to create one manually via [ @link Integer#builder()].

When the [ @link Consumer] completes, [ @link Integer.Builder#build()] is called immediately and its result is passed to [ @link #duration(Integer)].

@param duration a consumer that will call methods on [ @link Integer.Builder]

@returns Returns a reference to this object so that method calls can be chained together.

@see #duration(Integer)
"deprecated" : false,
"documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>

@returns Returns a reference to this object so that method calls can be chained together.

@see #duration(Integer)
"fluentSetterMethodName" : "duration",
"getterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>

@returns The duration, in seconds, for which the Elasticsearch instance is reserved.

@see The duration, in seconds, for which the Elasticsearch instance is reserved.
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Duration",
"queryString" : false,
"statusCode" : false,
"marshallLocationName" : "Duration",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"setterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>
@param duration The duration, in seconds, for which the Elasticsearch instance is reserved."
,"setterMethodName" : "setDuration",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getFixedPrice",}
"beanStyleSetterMethodName": "setFixedPrice",
"c2jName": "FixedPrice",
"c2jShape": "Double",
"defaultValueSetterDocumentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. 

This is a convenience that creates an instance of the [@link Double.Builder] avoiding the need to create one manually via [@link Double#builder()].

When the [@link Consumer] completes, [@link Double.Builder#build()] is called immediately and its result is passed to [@link #fixedPrice(Double)].

@returns a reference to this object so that method calls can be chained together.

@see #fixedPrice(Double)",
"deprecated": false,
"documentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. 

</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "fixedPrice",
"fluentSetterDocumentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. 

</p>",
"fluentSetterMethodName": "fixedPrice",
"getterDocumentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. 

</p>",
"getterModel": {"returnType": "Double", "documentation": null },
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "FixedPrice",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "FixedPrice",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"setterDocumentation" : "&lt;p&gt;The upfront fixed charge you will paid to purchase the specific reserved
Elasticsearch instance offering.&lt;/p&gt;\n@param fixedPrice The upfront fixed charge you will paid to purchase the
specific reserved Elasticsearch instance offering.",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : "&lt;p&gt;The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch
instance offering.&lt;/p&gt;",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;The rate you are charged for each hour for the domain that
is using this reserved instance.&lt;/p&gt;\nThis is a convenience that creates an instance of the { @link Double.Builder}
avoiding the need to create one manually via { @link Double#builder()}.\n\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link
#usagePrice(Double)}.\n@param usagePrice a consumer that will call methods on { @link
Double.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see
#usagePrice(Double)",
  "deprecated" : false,
  "documentation" : "&lt;p&gt;The rate you are charged for each hour for the domain that is using this reserved
instance.&lt;/p&gt;",
  "enumType" : null,
  "eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "usagePrice",
"fluentSetterMethodName" : "usagePrice",
"getterDocumentation" : "\<p\>The rate you are charged for each hour for the domain that is using this reserved instance.\</p\>\n@\param\ usagePrice The rate you are charged for each hour for the domain that is using this reserved instance.\n@return Returns a reference to this object so that method calls can be chained together.\",
"getterModel" : {
   "returnType" : "Double",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "UsagePrice",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "UsagePrice",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "\<p\>The rate you are charged for each hour for the domain that is using this reserved instance.\</p\>\n@\param\ usagePrice The rate you are charged for each hour for the domain that is using this reserved instance.\",
"setterMethodname" : "setUsagePrice",
"setterModel" : {
   "variableDeclarationType" : "Double",
   "variableName" : "usagePrice",
   "variableType" : "Double",
   "documentation" : null,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CurrencyCode",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CurrencyCode",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>
@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
"beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
"c2jName" : "ElasticsearchInstanceCount",
"c2jShape" : "Integer"
"defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\nThis is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()].\n\nWhen the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link #elasticsearchInstanceCount(Integer)].\n\n@defaultConsumerFluentSetterDocumentation\n\n@see #elasticsearchInstanceCount(Integer)
\n@deprecated : false,
"documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.\n@return The number of Elasticsearch instances that have been reserved."
"fluentSetterMethodName" : "elasticsearchInstanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>\n\n@getterDocumentation\n\n@see #elasticsearchInstanceCount(Integer)
\n@return Returns a reference to this object so that method calls can be chained together."
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchInstanceCount",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchInstanceCount",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "ElasticsearchInstanceCount",
"setterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@param elasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.",
"setterMethodName" : "setElasticsearchInstanceCount",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "elasticsearchInstanceCount",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "elasticsearchInstanceCount",
  "variableType" : "Integer",
  "documentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
"simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
{ "beanStyleGetterMethodName" : "getState",
  "beanStyleSetterMethodName" : "setState",
  "c2jName" : "State",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to
create one manually via { @link String#builder()}. 
When the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #state(String)}. 
@see #state(String)
@deprecated" : false,
  "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "state",
  "fluentSetterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>@param state The state of the reserved Elasticsearch instance.
@return Returns a reference to this object so that method calls can be chained together.
@see #state(String)"
}
reserved Elasticsearch instance.,
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "State",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "State",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"setterDocumentation" : "<p>The state of the reserved Elasticsearch instance.</p>\n@param state The state of the reserved Elasticsearch instance.,
"setterMethodName" : "setState",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>"
"simpleType" : "String",
"variableSetterType" : "String",

"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getPaymentOptionAsString",
"beanStyleSetterMethodName" : "setPaymentOption",
"c2jName" : "PaymentOption",
"c2jShape" : "ReservedElasticsearchInstancePaymentOption",
"defaultConsumerFluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #paymentOptionAsString(String) }.\n@param paymentOption a consumer that will call methods on { @link String.Builder}\n@see #paymentOption(String)",

"deprecated" : false,
"documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
"enumType" : "ReservedElasticsearchInstancePaymentOption",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "paymentOption",
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetterMethodName" : "paymentOptionAsString",
"fluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>
\nIf the service returns an enum value that is not available in the current SDK version, { @link #paymentOption } will return { @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION }. The raw value returned by the service is available from { @link #paymentOptionAsString }.\n@see ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that method calls can be chained together.\n@see ReservedElasticsearchInstancePaymentOption",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PaymentOption",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PaymentOption",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "PaymentOption",
"setterDocumentation" : "&lt;p&gt;The payment option as defined in the reserved Elasticsearch instance offering.&lt;/p&gt;&lt;n&gt;@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.&lt;n&gt;@see ReservedElasticsearchInstancePaymentOption",
"setterMethodName" : "setPaymentOption",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : "&lt;p&gt;The payment option as defined in the reserved Elasticsearch instance offering.&lt;/p&gt;",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getRecurringCharges",
"beanStyleSetterMethodName" : "setRecurringCharges",
"c2jName" : "RecurringCharges",
"c2jShape" : "RecurringChargeList",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;The charge to your account regardless of whether you are creating any domains using the instance offering.&lt;/p&gt;&lt;n&gt;This is a convenience that creates an instance of the [ @link List&lt;RecurringCharge&gt;.Builder] avoiding the need to create one manually via [ @link List&lt;RecurringCharge&gt;#builder()]&lt;n&gt;When the [ @link Consumer] completes, [ @link
List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link #recurringCharges(List<RecurringCharge>) }.\n@param recurringCharges a consumer that will call methods on { @link List<RecurringCharge>.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n@see #recurringCharges(List<RecurringCharge>)

"deprecated" : false,
"documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "recurringCharges",
"getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n</p>
@return The charge to your account regardless of whether you are creating any domains using the instance offering.",
"getterModel" : {
  "returnType" : "java.util.List<RecurringCharge>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringCharges",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringCharges",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "returnType" : "java.util.List<RecurringCharge>",
  "documentation" : null
},
"isStreaming" : false,
"interfaceType": "java.util.List",
"listMemberModel": {
  "beanStyleGetterMethodName": "getMember",
  "beanStyleSetterMethodName": "setMember",
  "c2jName": "member",
  "c2jShape": "RecurringCharge",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [RecurringCharge.Builder] avoiding the need to create one manually via [RecurringCharge#builder()]. When the [Consumer] completes, [RecurringCharge.Builder#build()] is called immediately and its result is passed to [member(RecurringCharge)] @param member a consumer that will call methods on [RecurringCharge.Builder] @return Returns a reference to this object so that method calls can be chained together.@see #member(RecurringCharge)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object. The new value for the Member property for this object. @return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object. @return The value of the Member property for this object."
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."

"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "RecurringCharge",
  "variableName": "member",
  "variableType": "RecurringCharge",
  "documentation": null,
  "simpleType": "RecurringCharge",
  "variableSetterType": "RecurringCharge"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "RecurringCharge",
  "variableName": "member",
  "variableType": "RecurringCharge",
  "documentation": "",
  "simpleType": "RecurringCharge",
  "variableSetterType": "RecurringCharge"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "RecurringCharge",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "RecurringCharge",
"templateImplType": "java.util.ArrayList<RecurringCharge>"
,
"templateType": "java.util.List<RecurringCharge>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "RecurringCharges",
"setterDocumentation": "The charge to your account regardless of whether you are creating any domains using the instance offering.

\n\n@\n
@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering."
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>",
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "CurrencyCode" : {
    "beanStyleGetterMethodName" : "getCurrencyCode",
    "beanStyleSetterMethodName" : "setCurrencyCode",
    "c2jName" : "CurrencyCode",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering).
This is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [String.Builder].
When the Consumer completes, [String.Builder] is called immediately and its result is passed to [String.Builder]
@param currencyCode a consumer that will call methods on [String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #currencyCode(String)",
    "deprecated" : false,
    "documentation" : null,
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "currencyCode",
    "fluentSetterDocumentation" : null,
    "fluentSetterMethodName" : "currencyCode",
    "getterDocumentation" : null,
    "getDocumentation" : null,
    "getSetterDocumentation" : null,
    "timestampFormat" : null
  }
}
getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "CurrencyCode",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "CurrencyCode",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "CurrencyCode",
"setterDocumentation": "<p>The currency code for the reserved Elasticsearch instance offering.</p>
@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethod": "setCurrencyCode",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "currencyCode",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "currencyCode",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "currencyCode",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"}
"variableSetterType" : "String",
},
"xmlNameSpaceUri" : null
},
"Duration" : {
"beanStyleGetterMethodName" : "getDuration",
"beanStyleSetterMethodName" : "setDuration",
"c2jName" : "Duration",
"c2jShape" : "Integer",
"defaultValueFluentSetterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.<br></p>
This is a convenience that creates an instance of the { @link Integer.Builder } avoiding the need to create one manually via { @link Integer#builder() }.<br>When the { @link Consumer } completes, { @link Integer.Builder#build() } is called immediately and its result is passed to { @link duration(Integer) }.<br>@param duration a consumer that will call methods on { @link Integer.Builder }<br>@return Returns a reference to this object so that method calls can be chained together.<br>@see #duration(Integer)",
"deprecated" : false,
"documentation" : "The duration, in seconds, for which the Elasticsearch instance is reserved."",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "The duration, in seconds, for which the Elasticsearch instance is reserved.<br>@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.<br>@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "duration",
"getterDocumentation" : "The duration, in seconds, for which the Elasticsearch instance is reserved.<br>@return The duration, in seconds, for which the Elasticsearch instance is reserved.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Duration",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Duration",
"uri" : false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"setterDocumentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is
reserved.\n\n@\n@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.\n</p>",
"setterMethodName" : "setDuration",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.\n</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchInstanceCount" : {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
  "c2jName" : "ElasticsearchInstanceCount",
  "c2jShape" : "Integer",
  "defaultConsumerFluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been
reserved.\n\nThis is a convenience that creates an instance of the @link Integer.Builder avoiding the need to
create one manually via @link Integer#builder().\n\nWhen the @link Consumer completes, (@link
Integer.Builder#build()) is called immediately and its result is passed to (@link
#elasticsearchInstanceCount(Integer))\n\n@\n@param elasticsearchInstanceCount a consumer that will call methods on
{@link Integer.Builder}\n@\n@return Returns a reference to this object so that method calls can be chained
together.\n@\n\nsee #elasticsearchInstanceCount(Integer)",
  "deprecated" : false,
  "documentation" : "<p>The number of Elasticsearch instances that have been reserved.\n</p>",
  "enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "<p>The number of Elasticsearch instances that have been
reserved.</p>
@param elasticsearchInstanceCount The number of Elasticsearch instances that have been
reserved.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "elasticsearchInstanceCount",
"getterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@return The number of Elasticsearch instances that have been reserved.",
"getterModel" : {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchInstanceCount",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceCount",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "ElasticsearchInstanceCount",
"setterDocumentation" : "<p>The number of Elasticsearch instances that have been reserved.</p>
@param ElasticsearchInstanceCount The number of Elasticsearch instances that have been reserved.",
"setterMethodName" : "setElasticsearchInstanceCount",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "elasticsearchInstanceCount",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "elasticsearchInstanceCount",
"variableType" : "Integer",
"documentation" : "The number of Elasticsearch instances that have been reserved.",
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"ElasticsearchInstanceType" : {
"beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
"beanStyleSetterMethodName" : "setElasticsearchInstanceType",
"c2jName" : "ElasticsearchInstanceType",
"c2jShape" : "ESPartitionInstanceType",
"defaultConsumerFluentSetterDocumentation" : "The Elasticsearch instance type offered by the reserved instance offering.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [ElasticsearchInstanceTypeAsString(String)].

@see EspartitionInstanceType

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchInstanceType(String)

@deprecated : false,
"documentation" : "The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, [ElasticsearchInstanceType] will return [UNKNOWN_TO_SDK_VERSION].

The raw value returned by the service is available from [ElasticsearchInstanceTypeAsString].

@see ESPartitionInstanceType

@return The Elasticsearch instance type offered by the reserved instance offering.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [ElasticsearchInstanceTypeAsString(String)].

@see ESPartitionInstanceType

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchInstanceType(String)

@deprecated : false,
"documentation" : "The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, [ElasticsearchInstanceType] will return [UNKNOWN_TO_SDK_VERSION].

The raw value returned by the service is available from [ElasticsearchInstanceTypeAsString].

@see ESPartitionInstanceType

@return The Elasticsearch instance type offered by the reserved instance offering.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [ElasticsearchInstanceTypeAsString(String)].

@see ESPartitionInstanceType

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchInstanceType(String)

@deprecated : false,
"documentation" : "The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, [ElasticsearchInstanceType] will return [UNKNOWN_TO_SDK_VERSION].

The raw value returned by the service is available from [ElasticsearchInstanceTypeAsString].

@see ESPartitionInstanceType

@return The Elasticsearch instance type offered by the reserved instance offering.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [ElasticsearchInstanceTypeAsString(String)].

@see ESPartitionInstanceType

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchInstanceType(String)

@deprecated : false,
"documentation" : "The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, [ElasticsearchInstanceType] will return [UNKNOWN_TO_SDK_VERSION].

The raw value returned by the service is available from [ElasticsearchInstanceTypeAsString].

@see ESPartitionInstanceType

@return The Elasticsearch instance type offered by the reserved instance offering.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [ElasticsearchInstanceTypeAsString(String)].

@see ESPartitionInstanceType

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchInstanceType(String)

@deprecated : false,
"documentation" : "The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, [ElasticsearchInstanceType] will return [UNKNOWN_TO_SDK_VERSION].

The raw value returned by the service is available from [ElasticsearchInstanceTypeAsString].

@see ESPartitionInstanceType

@return The Elasticsearch instance type offered by the reserved instance offering.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [ElasticsearchInstanceTypeAsString(String)].

@see ESPartitionInstanceType

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchInstanceType(String)

@deprecated : false,
"documentation" : "The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, [ElasticsearchInstanceType] will return [UNKNOWN_TO_SDK_VERSION].

The raw value returned by the service is available from [ElasticsearchInstanceTypeAsString].

@see ESPartitionInstanceType

@return The Elasticsearch instance type offered by the reserved instance offering.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [ElasticsearchInstanceTypeAsString(String)].

@see ESPartitionInstanceType

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchInstanceType(String)

@deprecated : false,
"documentation" : "The Elasticsearch instance type offered by the reserved instance offering.

If the service returns an enum value that is not available in the current SDK version, [ElasticsearchInstanceType] will return [UNKNOWN_TO_SDK_VERSION].

The raw value returned by the service is available from [ElasticsearchInstanceTypeAsString].

@see ESPartitionInstanceType

@return The Elasticsearch instance type offered by the reserved instance offering.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].

When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [ElasticsearchInstanceTypeAsString(String)].

@see ESPartitionInstanceType

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchInstanceType(String)

@deprecated : false,
"documentation" : null
],
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchInstanceType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchInstanceType",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
"FixedPrice" : {
    "beanStyleGetterMethodName" : "getFixedPrice",
    "beanStyleSetterMethodName" : "setFixedPrice",
    "c2jName" : "FixedPrice",
    "c2jShape" : "Double",
    "defaultConsumerFluentSetterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. This is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. When the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #fixedPrice(Double)}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #fixedPrice(Double)",
    "deprecated" : false,
    "documentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #fixedPrice(Double)",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "fixedPrice",
    "fluentSetterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #fixedPrice(Double)",
    "fluentSetterMethodName" : "fixedPrice",
    "getterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #fixedPrice(Double)",
    "getterModel" : {
        "returnType" : "Double",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "FixedPrice",
        "queryString" : false,
        "statusCode" : false,
        "returnType" : "Double",
        "documentation" : null
    }
},
"xmlNameSpaceUri" : null
}
The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. 

```

@param fixedPrice The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.

```

The payment option as defined in the reserved Elasticsearch instance offering.

```

This is a convenience that creates an instance of the `{@link String.Builder}` avoiding the need to create one manually via `{@link String#builder()}`. When the `{@link Consumer} completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #paymentOptionAsString(String)}`. 

@param paymentOption a consumer that will call methods on `{@link String.Builder}`

@see

```
open-source-used-in-data-center-network-manager-11.5.4

```json
#paymentOption(String)",
  "deprecated" : false,
  "documentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>",
  "enumType" : "ReservedElasticsearchInstancePaymentOption",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "paymentOption",
  "fluentEnumSetterMethodName" : "paymentOption",
  "fluentGetterMethodName" : "paymentOptionAsString",
  "fluentSetterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>
  @param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.
  @return Returns a reference to this object so that method calls can be chained together.
  @see ReservedElasticsearchInstancePaymentOption",
  "fluentSetterMethodName" : "paymentOption",
  "getterDocumentation" : "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>
  @return The payment option as defined in the reserved Elasticsearch instance offering.
  @see ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #paymentOptionAsString }
  @return The payment option as defined in the reserved Elasticsearch instance offering.
  @see ReservedElasticsearchInstancePaymentOption",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "PaymentOption",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PaymentOption",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
```
"name": "PaymentOption",
"setterDocumentation": "The payment option as defined in the reserved Elasticsearch instance offering.

@header

@param paymentOption The payment option as defined in the reserved Elasticsearch instance offering.

@see ReservedElasticsearchInstancePaymentOption",
"setterMethodName": "setPaymentOption",
"setterModel": {
    "variableDeclarationType": "String",
    "variableName": "paymentOption",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "String",
    "variableName": "paymentOption",
    "variableType": "String",
    "documentation": "The payment option as defined in the reserved Elasticsearch instance offering.

@see ReservedElasticsearchInstancePaymentOption",
    "simpleType": "String",
    "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"RecurringCharges": {
    "beanStyleGetterMethodName": "getRecurringCharges",
    "beanStyleSetterMethodName": "setRecurringCharges",
    "c2jName": "RecurringCharges",
    "c2jShape": "RecurringChargeList",
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\n@return Returns a reference to this object so that method calls can be chained together.,

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The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.

@see com.amazonaws.services.ec2.model.DeleteSecurityGroupRequest

public Member getMember()

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\npublic Member getMember()

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This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via {[@link String#builder()]}.

When the [@link String.Builder#build()] is called immediately and its result is passed to {[@link #reservedElasticsearchInstanceId(String))].

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This is a convenience that creates an instance of the \{\link String.Builder\} avoiding the need to create one manually via \{\link String#builder()\}.\n\nWhen the \{\link Consumer\} completes, \{\link String.Builder#build()\} is called immediately and its result is passed to \{\link #reservedElasticsearchInstanceOfferingId(String)\}.\n\n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on \{\link String.Builder\}\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #reservedElasticsearchInstanceOfferingId(String)",
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The offering identifier.

The offering identifier.

The offering identifier.

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The offering identifier.
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    "defaultConsumerFluentSetterDocumentation" : "<p>The time the reservation started.</p>
    <p>This is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via
    {@link Instant#builder()}. When the {@link Consumer} completes, {@link Instant.Builder#build()} is called
    immediately and its result is passed to {@link #startTime(Instant)}.<br>
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This is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String.Builder#build()}.
When the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #state(String)}.
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"name" : "State",
"setterDocumentation" : "The state of the reserved Elasticsearch instance.
@param state The state of the reserved Elasticsearch instance.
@return The state of the reserved Elasticsearch instance.",
"setterMethodName" : "setState",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "state",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "state",
  "variableType" : "String",
  "documentation" : "<p>The state of the reserved Elasticsearch instance.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UsagePrice" : {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. When the {@link Double.Builder#build()} is called immediately and its result is passed to {@link #usagePrice(Double)}.

When the {@link Consumer} completes, the result is passed to {@link #usagePrice(Double)}.

@see #usagePrice(Double)",
  "deprecated" : false,
  "documentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "usagePrice",
  "fluentSetterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
@param usagePrice The rate you are charged for each hour for the domain that is using this reserved instance.
@return Returns a reference to this object so that method calls can be chained together.
@see #usagePrice(Double)",
  "getterDocumentation" : "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
@return The rate you are charged for each hour for the domain that is using this reserved instance.
@see #usagePrice(Double)",
  "getterModel" : {
    "returnType" : "Double",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"usagePrice": The rate you are charged for each hour for the domain that is using this reserved instance.

setterDocumentation": "The rate you are charged for each hour for the domain that is using this reserved instance."

setterMethodName": "setUsagePrice",
setterModel": {
"variableDeclarationType": "Double",
"variableName": "usagePrice",
"variableType": "Double",
"documentation": null,
"simpleType": "Double",
"variableSetterType": "Double"
},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "Double",
"variableName": "usagePrice",
"variableType": "Double",
"documentation": "The rate you are charged for each hour for the domain that is using this reserved instance."
},
"complexType": "Double",
"variableSetterType": "Double"
},
"xmlNameSpaceUri": null
}
",
"nonStreamingMembers": [ {
"beanStyleGetterMethodName": "getReservationName",
"beanStyleSetterMethodName": "setReservationName",
"c2jName": "ReservationName",
"isStreaming": false,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "UsagePrice",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "UsagePrice",
"uri": false,
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "DOUBLE",
"name": "UsagePrice",
"setterDocumentation": "The rate you are charged for each hour for the domain that is using this reserved instance."
}
]
"c2jShape" : "ReservationToken",
"defaultConsumerFluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #reservationName(String)},

@see #reservationName(String)"
,  
"deprecated" : false,  
"documentation" : "<p>The customer-specified identifier to track this reservation.</p>",  
"enumType" : null,  
"eventHeader" : false,  
"eventPayload" : false,  
"fluentEnumGetterMethodName" : null,  
"fluentEnumSetterMethodName" : null,  
"fluentGetterMethodName" : "reservationName",  
"fluentSetterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>
@see #reservationName(String)",  
"fluentSetterMethodName" : "reservationName",

getterDocumentation" : "<p>The customer-specified identifier to track this reservation.</p>
@see #reservationName(String)"
,  
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},  
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservationName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ReservationName",
  "uri" : false
},  
"idempotencyToken" : false,  
"isBinary" : false,  
"jsonValue" : false,  
"list" : false,  
"listModel" : null,  
"map" : false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservationName",
"setterDocumentation": "\n\nThe customer-specified identifier to track this reservation.
\n@\param reservationName The customer-specified identifier to track this reservation."
",
"setterMethodName": "setReservationName",
"setterModel": { 
  "variableDeclarationType": "String",
  "variableName": "reservationName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": { 
  "variableDeclarationType": "String",
  "variableName": "reservationName",
  "variableType": "String",
  "documentation": "<p>The customer-specified identifier to track this reservation.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
{ 
  "beanStyleGetterMethodName": "getReservedElasticsearchInstanceId",
  "beanStyleSetterMethodName": "setReservedElasticsearchInstanceId",
  "c2jName": "ReservedElasticsearchInstanceId",
  "c2jShape": "GUID",
  "defaultConsumerFluentSetterDocumentation": "\n\nThis is a convenience that creates an instance of the \n[@link String.Builder] avoiding the need to create one manually via
\n[@link String#builder()].\n\nWhen the [@link Consumer] completes, \n[@link String.Builder#build()] is called immediately and its result is passed to \n[@link #reservedElasticsearchInstanceId(String)].\n\n@param reservedElasticsearchInstanceId a consumer that will call methods on \n[@link String.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceId(String)",
  "deprecated": false,
  "documentation": "<p>The unique identifier for the reservation.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "reservedElasticsearchInstanceId",
  "fluentSetterDocumentation": "\n\nThe unique identifier for the reservation.
\n@\param reservedElasticsearchInstanceId The unique identifier for the reservation.\n@return Returns a reference to this object so that method calls can be chained together.\n"}
"fluentSetterMethodName" : "reservedElasticsearchInstanceId",
"getterDocumentation" : "\n<p>The unique identifier for the reservation.</p>\n@return The unique identifier for the reservation."
,
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : false,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ReservedElasticsearchInstanceId",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ReservedElasticsearchInstanceId",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceId",
"setterDocumentation" : "\n<p>The unique identifier for the reservation.</p>\n@param reservedElasticsearchInstanceId The unique identifier for the reservation."
,
"setterMethodName" : "setReservedElasticsearchInstanceId",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservedElasticsearchInstanceId",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "reservedElasticsearchInstanceId",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"}
"variableType" : "String",
"documentation" : "<p>The unique identifier for the reservation.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlnsSpaceUri" : null
],
{
"beanStyleGetterMethodName" : "getReservedElasticsearchInstanceOfferingId",
"beanStyleSetterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"c2jName" : "ReservedElasticsearchInstanceOfferingId",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The offering identifier.\nThis is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}.\nWhen the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #reservedElasticsearchInstanceOfferingId(String) \}.\n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on \{ @link String.Builder \}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)",
"deprecated" : false,
"documentation" : "<p>The offering identifier.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "<p>The offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId The offering identifier.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #reservedElasticsearchInstanceOfferingId(String)",
"getterDocumentation" : "<p>The offering identifier.\n@return The offering identifier.\n@see #reservedElasticsearchInstanceOfferingId(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
  "queryString" : false,
  "statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId
The offering identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The offering identifier.</p>
@see #elasticsearchInstanceType(String)",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
  "c2jName" : "ElasticsearchInstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchInstanceTypeAsString(String)}.

@see #elasticsearchInstanceType(String)"
  "deprecated" : false,
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>"}
"enumType" : "ESPartitionInstanceType",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "elasticsearchInstanceType",
"fluentEnumSetterMethodName" : "elasticsearchInstanceType",
"fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
"fluentSetterMethodName" : "elasticsearchInstanceType",
"getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType",
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.\nIf the service returns an enum value that is not available in the current SDK version, [ @link #elasticsearchInstanceType ] will return [ @link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION ]. The raw value returned by the service is available from [ @link #elasticsearchInstanceTypeAsString ].\n@return The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchInstanceType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchInstanceType",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType\n@return Returns a reference to this object so that method calls can be chained together.\n@see ESPartitionInstanceType"
offering.

```

@see ESPartitionInstanceType",

"setterMethodName" : "setElasticsearchInstanceType",

"setterModel" : {

  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"

},

"simple" : true,

"timestampFormat" : null,

"variable" : {

  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"

},

"xmlNameSpaceUri" : null

}, {

  "beanStyleGetterMethodName" : "getStartTime",
  "beanStyleSetterMethodName" : "setStartTime",
  "c2jName" : "StartTime",
  "c2jShape" : "UpdateTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>The time the reservation started.</p>\nThis is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via {@link Instant#builder()}.\nWhen the {@link Consumer} completes, {@link Instant.Builder#build()} is called immediately and its result is passed to {@link #startTime(Instant)}.\n@see #startTime(Instant),\n
  "deprecated" : false,
  "documentation" : "<p>The time the reservation started.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "startTime",
  "fluentSetterDocumentation" : "<p>The time the reservation started.</p>\n@see #startTime(Instant)",

  "fluentSetterMethodName" : "startTime",
  "getterDocumentation" : "<p>The time the reservation started.</p>\n@see #startTime(Instant) The time the reservation started.\n@see #return Returns a reference to this object so that method calls can be chained together.

  "returnType" : "java.time.Instant",
  "documentation" : null

},

```
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "StartTime",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "StartTime",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INSTANT",
"name": "StartTime",
"setterDocumentation": "The time the reservation started."}@param startTime The time the
reservation started.",
"setterMethodName": "setStartTime",
"setterModel": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "startTime",
  "variableType": "java.time.Instant",
  "documentation": null,
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "startTime",
  "variableType": "java.time.Instant",
  "documentation": "The time the reservation started.",
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},
"xmlNameSpaceUri": null
}
"beanStyleGetterMethodName" : "getDuration",
"beanStyleSetterMethodName" : "setDuration",
"c2jName" : "Duration",
"c2jShape" : "Integer",
"defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;The duration, in seconds, for which the Elasticsearch instance is reserved.&lt;/p&gt;
This is a convenience that creates an instance of the [@link Integer.Builder] avoiding the need to create one manually via [@link Integer#builder()].

When the [@link Consumer] completes, [@link Integer.Builder#build()] is called immediately and its result is passed to [@link #duration(Integer)].

@param duration a consumer that will call methods on [@link Integer.Builder]
@returns Returns a reference to this object so that method calls can be chained together.
@see #duration(Integer)",
"deprecated" : false,
"documentation" : "&lt;p&gt;The duration, in seconds, for which the Elasticsearch instance is reserved.&lt;/p&gt;",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "&lt;p&gt;The duration, in seconds, for which the Elasticsearch instance is reserved.&lt;/p&gt;

@returns Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "duration",
"getterDocumentation" : "&lt;p&gt;The duration, in seconds, for which the Elasticsearch instance is reserved.&lt;/p&gt;

@returns The duration, in seconds, for which the Elasticsearch instance is reserved.
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Duration",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Duration",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "Duration",
"setterDocumentation": "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>
@param duration The duration, in seconds, for which the Elasticsearch instance is reserved.",
"setterMethodName": "setDuration",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "duration",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "duration",
  "variableType": "Integer",
  "documentation": "<p>The duration, in seconds, for which the Elasticsearch instance is reserved.</p>
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null,

},
"beanStyleGetterMethodName": "getFixedPrice",
"beanStyleSetterMethodName": "setFixedPrice",
"c2jName": "FixedPrice",
"c2jShape": "Double",
"defaultConsumerFluentSetterDocumentation": "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>

This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #fixedPrice(Double)}. @param fixedPrice a consumer that will call methods on {@link Double.Builder}@return Returns a reference to this object so that method calls can be chained together.%> @see #fixedPrice(Double)",
  "deprecated": false,
  "documentation": "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>

",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetMethodName": "fixedPrice",
  "fluentSetterDocumentation": "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>

"
Elasticsearch instance offering.  

@param fixedPrice The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "fixedPrice",
"getterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering."

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "FixedPrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "FixedPrice",
"uri" : false
},

"setterDocumentation" : "The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering."

"setterMethodName" : "setFixedPrice",
"setterModel" : {
"variableDeclarationType" : "Double",
"variableName" : "fixedPrice",
"variableType" : "Double",
"documentation" : null,
"simpleType" : "Double",
"variableSetterType" : "Double"
}.
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": "<p>The upfront fixed charge you will paid to purchase the specific reserved Elasticsearch instance offering. </p>",
  "simpleType": "Double",
  "variableSetterType": "Double"
},
"xmlnsNameSpaceUri": null
},
"beanStyleGetterMethodName": "getUsagePrice",
"beanStyleSetterMethodName": "setUsagePrice",
"c2jName": "UsagePrice",
"c2jShape": "Double",
"defaultConsumerFluentSetterDocumentation": "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
This is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}. When the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #usagePrice(Double)}.<p>@param usagePrice a consumer that will call methods on { @link Double.Builder}<p>@return Returns a reference to this object so that method calls can be chained together.<p>see #usagePrice(Double)",
"deprecated": false,
"documentation": "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "usagePrice",
"fluentSetterDocumentation": "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
@returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "usagePrice",
"getterDocumentation": "<p>The rate you are charged for each hour for the domain that is using this reserved instance.</p>
@returns a reference to this object so that method calls can be chained together.",
"getterModel": {
  "returnType": "Double",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
The rate you are charged for each hour for the domain that is using this reserved instance.

```

"setterMethodName" : "setUsagePrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : "The rate you are charged for each hour for the domain that is using this reserved instance."
},
"complexType" : "Double",
"variableSetterType" : "Double"
}
```

"xmlNameSpaceUri" : null
}
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to @link #currencyCode(String). param currencyCode a consumer that will call methods on @link String.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #currencyCode(String)",
"deprecated" : false,
"documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currencyCode",
"fluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>
@param currencyCode The currency code for the reserved Elasticsearch instance offering.\n@returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "currencyCode",
"getterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>
@return The currency code for the reserved Elasticsearch instance offering.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CurrencyCode",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CurrencyCode",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "\n<p>The currency code for the reserved Elasticsearch instance offering.</p>
@param currencyCode The currency code for the reserved Elasticsearch instance offering.
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currencyCode",
  "variableType" : "String",
  "documentation" : "\n<p>The currency code for the reserved Elasticsearch instance offering.</p>
"simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,

"beanStyleGetterMethodName" : "getElasticsearchInstanceCount",
"beanStyleSetterMethodName" : "setElasticsearchInstanceCount",
"c2jName" : "ElasticsearchInstanceCount",
"c2jShape" : "Integer",
"defaultConsumerFluentSetterDocumentation" : "\n<p>The number of Elasticsearch instances that have been reserved.</p>
\nThis is a convenience that creates an instance of the {@link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()].\n\nWhen the {@link Consumer} completes, {@link Integer.Builder#build()} is called immediately and its result is passed to {@link #elasticsearchInstanceCount(Integer)}\n\n@see #elasticsearchInstanceCount(Integer)
@deprecated" : false,
"documentation" : "\n<p>The number of Elasticsearch instances that have been reserved.</p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "elasticsearchInstanceCount",
"fluentSetterDocumentation" : "\n<p>The number of Elasticsearch instances that have been reserved.</p>
\n@see #elasticsearchInstanceCount\n@return Returns a reference to this object so that method calls can be chained together.
"fluentSetterMethodName" : "elasticsearchInstanceCount","
The number of Elasticsearch instances that have been reserved.

The number of Elasticsearch instances that have been reserved.

@returns
The number of Elasticsearch instances that have been reserved.

@getterDocumentation
The number of Elasticsearch instances that have been reserved.

@getterModel

@http
null

@idempotencyToken
false

@isBinary
false

@jsonValue
false

@list
false

@listModel
null

@map
false

@mapModel
null

@marshallLocation
"PAYLOAD"

@marshallLocationName
"ElasticsearchInstanceCount"

@queryString
false

@statusCode
false

@unmarshallLocationName
"ElasticsearchInstanceCount"

@uri
false

@setterDocumentation
The number of Elasticsearch instances that have been reserved.

@setterMethodName
"setElasticsearchInstanceCount"

@setterModel

@simple
true

@timestampFormat
null

@variable
null

@variableDeclarationType
"Integer"

@variableName
"elasticsearchInstanceCount"

@variableType
"Integer"

@documentation
null

@simpleType
"Integer"

@variableSetterType
"Integer"


The number of Elasticsearch instances that have been reserved.

The state of the reserved Elasticsearch instance.

When the `StateManager` completes, `String.Builder` is called immediately and its result is passed to `state(String)`. When the `StringBuilder` completes, `StringBuilder` is called immediately and its result is passed to `state(String)`. The state of the reserved Elasticsearch instance is returned.

@see #state(String)
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "State",
"setterDocumentation" : "\nThe state of the reserved Elasticsearch instance.\n\n@param state The state of the reserved Elasticsearch instance.\n",
"setterMethodName" : "setState",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "state",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "state",
"variableType" : "String",
"documentation" : "\nThe state of the reserved Elasticsearch instance.\n\n@param state The state of the reserved Elasticsearch instance.\n",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,

"beanStyleGetterMethodName" : "getPaymentOptionAsString",
"beanStyleSetterMethodName" : "setPaymentOption",
"c2jName" : "PaymentOption",
"c2jShape" : "ReservedElasticsearchInstancePaymentOption",
"defaultValueConsumerFluentSetterDocumentation" : "\nThe payment option as defined in the reserved Elasticsearch instance offering.\n\nThis is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}.\n\nWhen the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link String#toString(String) \}.\n\n@see #paymentOption(String)\n",
"deprecated" : false,
"documentation" : "\nThe payment option as defined in the reserved Elasticsearch instance offering.\n",
"enumType" : "ReservedElasticsearchInstancePaymentOption",

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"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "paymentOption",
"fluentEnumSetterMethodName": "paymentOption",
"fluentGetterMethodName": "paymentOptionAsString",
"fluentSetterDocumentation": "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n\n@see ReservedElasticsearchInstancePaymentOption\n\n@return Returns a reference to this object so that method calls can be chained together\n\n@see ReservedElasticsearchInstancePaymentOption",
"fluentSetterMethodName": "paymentOption",
"getterDocumentation": "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n\nIf the service returns an enum value that is not available in the current SDK version, \n@link \nReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION\n. The raw value returned by the service is available from \n@link \nReservedElasticsearchInstancePaymentOption#PaymentOption\n.\n\n@see ReservedElasticsearchInstancePaymentOption",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "PaymentOption",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "PaymentOption",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "PaymentOption",
"setterDocumentation": "<p>The payment option as defined in the reserved Elasticsearch instance offering.</p>\n\n@see ReservedElasticsearchInstancePaymentOption\n\n\n@see ReservedElasticsearchInstancePaymentOption"
"setterMethodName" : "setPaymentOption",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : "The payment option as defined in the reserved Elasticsearch instance offering.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",
  "defaultConsumerFluentSetterDocumentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering.

This is a convenience that creates an instance of the List<RecurringCharge> avoiding the need to create one manually via List<RecurringCharge>#builder().

When the Consumer completes, List<RecurringCharge>.Builder#build() is called immediately and its result is passed to #recurringCharges(List<RecurringCharge>).

@link List<RecurringCharge>#builder() Returns a reference to this object so that method calls can be chained together.

@link #recurringCharges(List<RecurringCharge>)",
  "deprecated" : false,
  "documentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringCharges",
  "fluentSetterDocumentation" : "The charge to your account regardless of whether you are creating any domains using the instance offering.

@link #recurringCharges(List<RecurringCharge>) The charge to your account regardless of whether you are creating any domains using the instance offering.

@link #recurringCharges(List<RecurringCharge>) Returns a reference to this object so that method calls can be chained together.

@link #recurringCharges(List<RecurringCharge>)",
  "fluentSetterMethodName" : "recurringCharges",
  "getterDocumentation" : "The charge to your account regardless of whether you are creating any domains

@link #recurringCharges(List<RecurringCharge>) Returns a reference to this object so that method calls can be chained together.

@link #recurringCharges(List<RecurringCharge>)"};
Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return The charge to your account regardless of whether you are
creating any domains using the instance offering.

"getterModel" : {
    "returnType" : "java.util.List<RecurringCharge>",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "RecurringCharges",
    "queryString" : false,
    "statusLine" : false,
    "unmarshallLocationName" : "RecurringCharges",
    "uri" : false
},

"idempotencyToken" : false,

"list" : true,

"listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
        "beanStyleSetterMethodName" : "setMember",
        "c2jName" : "member",
        "c2jShape" : "RecurringCharge",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object. This is a convenience that creates an instance of the [RecurringCharge.Builder] avoiding the need
to create one manually via [RecurringCharge.Builder#build()]. When the [Consumer] completes,
[RecurringCharge.Builder#build()] is called immediately and its result is passed to [RecurringCharge.Builder#build()]
@link Consumer] a consumer that will call methods on [RecurringCharge.Builder]
@link RecurringCharge.Builder] a@return Returns a reference to this object so that method calls can be chained
together.

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName": null,
"fluentSetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "member",
"getterDocumentation": "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel": {
  "returnType": "RecurringCharge",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "RecurringCharge",
  "variableName": "member",
  "variableType": "RecurringCharge",
  "documentation": null,
  "simpleType": "RecurringCharge",
  "variableSetterType": "RecurringCharge"
}.
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : "",
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "java.util.Collection<RecurringCharge>"
"defaultConsumerFluentSetterDocumentation": "<p>The Elasticsearch reserved instance offering identifier.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to \n\n#reservedElasticsearchInstanceOfferingId(String)\n\n@param reservedElasticsearchInstanceOfferingId a consumer that will call methods on \n\n@link String.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #reservedElasticsearchInstanceOfferingId(String)\n",
"deprecated": false,
"documentation": "The Elasticsearch reserved instance offering identifier.\n\n@return Returns a reference to this object so that method calls can be chained together.\n",
"enumType": null,
"eventId": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation": "<p>The Elasticsearch reserved instance offering identifier.\n\n@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n\n@return Returns a reference to this object so that method calls can be chained together.\n",
"fluentSetterMethodName": "reservedElasticsearchInstanceOfferingId",
"getterDocumentation": "The Elasticsearch reserved instance offering identifier.\n\n@return The Elasticsearch reserved instance offering identifier.\n",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ReservedElasticsearchInstanceOfferingId",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ReservedElasticsearchInstanceOfferingId",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation": "<p>The Elasticsearch reserved instance offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier."
"setterMethodName": "setReservedElasticsearchInstanceOfferingId",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceOfferingId",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "reservedElasticsearchInstanceOfferingId",
  "variableType": "String",
  "documentation": "<p>The Elasticsearch reserved instance offering identifier.</p>
  @param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
{
  "beanStyleGetterMethodName": "getElasticsearchInstanceTypeAsString",
  "beanStyleSetterMethodName": "setElasticsearchInstanceType",
  "c2jName": "ElasticsearchInstanceType",
  "c2jShape": "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation": "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
  This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via<br>${@link String.Builder}().\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to<br>${@link ESPartitionInstanceType#elasticsearchInstanceTypeAsString(String)}.\n@param elasticsearchInstanceType a consumer that will call methods on<br>${@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #elasticsearchInstanceType(String)",
  "deprecated": false,
  "documentation": "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "enumType": "ESPartitionInstanceType",
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": "elasticsearchInstanceType",
  "fluentEnumSetterMethodName": "elasticsearchInstanceType",
  "fluentGetterMethodName": "elasticsearchInstanceTypeAsString",
  "fluentSetterDocumentation": "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
  This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via<br>${@link String.Builder}().\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to<br>${@link ESPartitionInstanceType#elasticsearchInstanceTypeAsString(String)}.\n@see #elasticsearchInstanceType(String)",
  "deprecated": false,
  "documentation": "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>"},
"enumType": "ESPartitionInstanceType",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "elasticsearchInstanceType",
"fluentEnumSetterMethodName": "elasticsearchInstanceType",
"fluentGetterMethodName": "elasticsearchInstanceTypeAsString",
"fluentSetterDocumentation": "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
  This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via<br>${@link String.Builder}().\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to<br>${@link ESPartitionInstanceType#elasticsearchInstanceTypeAsString(String)}.\n@see #elasticsearchInstanceType(String)",
  "deprecated": false,
  "documentation": "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>"}
chained together.\n@see ESPartitionInstanceType",
  "fluentSetterMethodName" : "elasticsearchInstanceType",
  "getterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\nIf the service returns an enum value that is not available in the current SDK version, [@link #elasticsearchInstanceType] will return [@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION].
The raw value returned by the service is available from [@link
#elasticsearchInstanceTypeAsString].\n@return The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "ElasticsearchInstanceType",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "ElasticsearchInstanceType",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "ElasticsearchInstanceType",
  "setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",
  "setterMethodName" : "setElasticsearchInstanceType",
  "setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "elasticsearchInstanceType",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"
"
"beanStyleGetterMethodName" : "getDuration",
"beanStyleSetterMethodName" : "setDuration",
"c2jName" : "Duration",
"c2jShape" : "Integer",
"defaultConsumerFluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>

This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}.

When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #duration(Integer)}.<p>@param duration a consumer that will call methods on { @link Integer.Builder}@return Returns a reference to this object so that method calls can be chained together.</p>

"deprecated" : false,
"documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>

This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}.

When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #duration(Integer)}.<p>@param duration a consumer that will call methods on { @link Integer.Builder}@return Returns a reference to this object so that method calls can be chained together.</p>

"deprecated" : false,
"documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>

This is a convenience that creates an instance of the { @link Integer.Builder} avoiding the need to create one manually via {@link Integer#builder()}.

When the { @link Consumer} completes, { @link Integer.Builder#build()} is called immediately and its result is passed to { @link #duration(Integer)}.<p>@param duration a consumer that will call methods on { @link Integer.Builder}@return Returns a reference to this object so that method calls can be chained together.</p>

"deprecated" : false,
"documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>"},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "Duration",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "Duration",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INTEGER",
"name": "Duration",
"setterDocumentation": "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.",
"setterMethodName": "setDuration",
"setterModel": {
  "variableDeclarationType": "Integer",
  "variableName": "duration",
  "variableType": "Integer",
  "documentation": null,
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "duration",
  "variableType": "Integer",
  "documentation": "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
},
  "beanStyleGetterMethodName": "getFixedPrice",
  "beanStyleSetterMethodName": "setFixedPrice",
  "c2jName": "FixedPrice",
  "c2jShape": "Double"
"defaultConsumerFluentSetterDocumentation": "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. 

This is a convenience that creates an instance of the [{@link Double.Builder}] avoiding the need to create one manually via [{@link Double#builder()}].

When the [{@link Consumer}] completes, [{@link Double.Builder#build()}] is called immediately and its result is passed to [{@link #fixedPrice(Double)}].

@return Returns a reference to this object so that method calls can be chained together.

@see #fixedPrice(Double)",
"deprecated": false,
"documentation": "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. 

@param fixedPrice a consumer that will call methods on [{@link Double.Builder}]

@return Returns a reference to this object so that method calls can be chained together.

@see #fixedPrice(Double)",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "fixedPrice",
"fluentSetterDocumentation": "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. 

@return Returns a reference to this object so that method calls can be chained together.

@see #fixedPrice(Double)",
"fluentSetterMethodName": "fixedPrice",
"getterDocumentation": "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. 

@return The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.

getterModel": {
    "returnType": "Double",
    "documentation": null
},
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "FixedPrice",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "FixedPrice",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"setterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. \n@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.
</p>",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. \n</p>",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice",
  "c2jName" : "UsagePrice",
  "c2jShape" : "Double",
  "defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.\n
This is a convenience that creates an instance of the \{@link Double.Builder\} avoiding the need to create one manually via \{@link Double#builder()\}.\n
When the \{@link Consumer\} completes, \{@link Double.Builder#build()\} is called immediately and its result is passed to \{@link #usagePrice(Double)\}.\n
@param usagePrice a consumer that will call methods on \{@link Double.Builder\}\n
@return Returns a reference to this object so that method calls can be chained together.\n
@see #usagePrice(Double)\n"",
  "deprecated" : false,
  "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.\n</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "usagePrice",
"fluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.\n@return Returns a reference to this object so that method calls can be chained together.\n</p>
"getterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.\n@return The rate you are charged for each hour the domain that is using the offering is running.\n</p>
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.\n</p>
"getterModel" : {
"returnType" : "Double",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UsagePrice",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.\n@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.\n</p>
"setterModel" : {
"variableDeclarationType" : "Double",
"variableName" : "usagePrice",
"variableType" : "Double",
"documentation" : null,
"simpleType" : "Double",
"variableSetterType" : "Double"
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "usagePrice",
  "variableType" : "Double",
  "documentation" : "The rate you are charged for each hour the domain that is using the offering is running.",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getCurrencyCode",
"beanStyleSetterMethodName" : "setCurrencyCode",
"c2jName" : "CurrencyCode",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "The currency code for the reserved Elasticsearch instance offering.
This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder#builder()].
When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [CurrencyCode(String)].

@deprecated
@see #currencyCode(String)
@para currencyCode a consumer that will call methods on [String.Builder]@return Returns a reference to this object so that method calls can be chained together.@para see #currencyCode(String)
  "documentation" : "The currency code for the reserved Elasticsearch instance offering.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "currencyCode",
  "fluentSetterDocumentation" : "The currency code for the reserved Elasticsearch instance offering.
Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "currencyCode",
  "getterDocumentation" : "The currency code for the reserved Elasticsearch instance offering.
Returns the currency code for the reserved Elasticsearch instance offering.
Returns a reference to this object so that method calls can be chained together.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "CurrencyCode",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "CurrencyCode",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "CurrencyCode",
"setterDocumentation": "<p>The currency code for the reserved Elasticsearch instance offering.</p>
@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName": "setCurrencyCode",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "currencyCode",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "currencyCode",
  "variableType": "String",
  "documentation": "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getPaymentOptionAsString",
"beanStyleSetterMethodName": "setPaymentOption",
"c2jName": "PaymentOption",
"c2jShape": "ReservedElasticsearchInstancePaymentOption",
"defaultConsumerFluentSetterDocumentation": "<p>Payment option for the reserved Elasticsearch instance offering.</p>
This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link #builder()\}.\nWhen the \{@link Consumer\} completes, \{@link
String.Builder#build()} is called immediately and its result is passed to
@link
#paymentOptionAsString(String)
@para paymentOption a consumer that will call methods on
@link String.Builder\n@return Returns a reference to this object so that method calls can be chained together.@see
#paymentOption(String)

"deprecated" : false,
"documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
"enumType" : "ReservedElasticsearchInstancePaymentOption",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "paymentOption",
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetterMethodName" : "paymentOptionAsString",
"fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance
offering</p>\n@para paymentOption Payment option for the reserved Elasticsearch instance offering\n@see
ReservedElasticsearchInstancePaymentOption\n@return Returns a reference to this object so that method calls can
be chained together.@see
ReservedElasticsearchInstancePaymentOption",
"fluentSetterMethodName" : "paymentOption",
"getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
If the
service returns an enum value that is not available in the current SDK version, [@link paymentOption] will return
[@link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION]. The raw value
returned by the service is available from
@link #paymentOptionAsString\n@para Payment option for the
reserved Elasticsearch instance offering\n@see
ReservedElasticsearchInstancePaymentOption",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PaymentOption",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PaymentOption",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.\n</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "recurringCharges",
"getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.\n</p>\n<\p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@return The charge to your account regardless of whether you are creating any domains using the instance offering."
,"getterModel" : {
"returnType" : "java.util.List<RecurringCharge>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "RecurringCharges",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "RecurringCharges",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "RecurringCharge",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the [ @link RecurringCharge.Builder ] avoiding the need to create one manually via [ @link RecurringCharge#builder() ].\n\nWhen the [ @link Consumer ] completes, [ @link RecurringCharge.Builder#build() ] is called immediately and its result is passed to [ @link #member(RecurringCharge) ]\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #member(RecurringCharge)"
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterMethodName" : null,
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@\n@return Returns a reference to this object so that method calls can be chained together.",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@\n@return The value of the Member property for this object.",
"getterModel" : {
"returnType" : "RecurringCharge",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@\n@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "RecurringCharge",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@\n@param member The new value for the Member property for this object."
"variableName" : "member",
"variableType" : "RecurringCharge",
"documentation" : null,
"simpleType" : "RecurringCharge",
"variableSetterType" : "RecurringCharge"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "RecurringCharge",
"variableName" : "member",
"variableType" : "RecurringCharge",
"documentation" : "",
"simpleType" : "RecurringCharge",
"variableSetterType" : "RecurringCharge"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "RecurringCharge",
"variableName" : "member",
"variableType" : "RecurringCharge",
"documentation" : "",
"simpleType" : "RecurringCharge",
"variableSetterType" : "RecurringCharge"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.<br/@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
"setterMethodName" : "setRecurringCharges",
"setterModel" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
",
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<RecurringCharge>",
"variableName" : "recurringCharges",
"variableType" : "java.util.List<RecurringCharge>",
"documentation" : null,
"simpleType" : "List<RecurringCharge>",
"variableSetterType" : "java.util.Collection<RecurringCharge>
",}
"variableName": "recurringCharges",
"variableType": "java.util.List<RecurringCharge>",
"documentation": "<p>The charge to your account regardless of whether you are creating any domains using 
the instance offering.</p>",
"simpleType": "List<RecurringCharge>",
"variableSetterType": "java.util.Collection<RecurringCharge>"
},
"xmlNameSpaceUri": null
}],
"membersAsMap": {
"CurrencyCode": {
"beanStyleGetterMethodName": "getCurrencyCode",
"beanStyleSetterMethodName": "setCurrencyCode",
"c2jName": "CurrencyCode",
"c2jShape": "String",
"defaultConsumerFluentSetterDocumentation": "<p>The currency code for the reserved Elasticsearch 
instance offering.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the 
need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, 
{@link String.Builder#build()} is called immediately and its result is passed to 
{@link #currencyCode(String)}. 

@returns a reference to this 
object so that method calls can be chained together.
@see #currencyCode(String)",
"deprecated": false,
"documentation": "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "currencyCode",
"fluentSetterDocumentation": "<p>The currency code for the reserved Elasticsearch instance 
offering.</p>
@returns a reference to this object so that method calls can be chained together.
@see #currencyCode(String)",
"getDocumentation": "<p>The currency code for the reserved Elasticsearch instance 
offering.</p>
@returns The currency code for the reserved Elasticsearch instance offering.
@returns The currency code for the reserved Elasticsearch instance offering.
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CurrencyCode",
"queryString" : false,
"statuscode" : false,
"unmarshallLocationName" : "CurrencyCode",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrencyCode",
"setterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>
@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName" : "setCurrencyCode",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "currencyCode",
    "variableType" : "String",
    "documentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"Duration" : {
    "beanStyleGetterMethodName" : "getDuration",
    "beanStyleSetterMethodName" : "setDuration",
    "c2jName" : "Duration",
    "c2jName" : "Duration",
    "c2jShape" : "Integer",
    "defaultValueSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>
This is a convenience that creates an instance of the Integer.Builder avoiding the need to create one manually via Integer.builder().
When the Consumer completes, Integer.Builder.build() is called immediately and its result is passed to Integer.builder()
@param duration a consumer that will call methods on { @link Integer.Builder }\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #duration(java.lang.Integer)\n\n"deprecated" : false,
"documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n\n\n"http" : {\n  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Duration",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Duration",
  "uri" : false\n},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n\n\n\n\n@see #duration(java.lang.Integer)\n\n\n"deprecated" : false,
"documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n\n\n"http" : {\n  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Duration",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Duration",
  "uri" : false\n},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>\n\n\n\n\n@see #duration(java.lang.Integer)\n\n\n"deprecated" : false,
"documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>"
"setterMethodName" : "setDuration",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null,

"ElasticsearchInstanceType" : {
  "beanStyleGetterMethodName" : "getElasticsearchInstanceTypeAsString",
  "beanStyleSetterMethodName" : "setElasticsearchInstanceType",
  "c2jName" : "ElasticsearchInstanceType",
  "c2jShape" : "ESPartitionInstanceType",
  "defaultConsumerFluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>

  This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #elasticsearchInstanceTypeAsString(String)].

  @param elasticsearchInstanceType a consumer that will call methods on [@link String.Builder] Retruns a reference to this object so that method calls can be chained together.

  @see #elasticsearchInstanceType(String)

  @deprecated : false,
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>

  @enumType" : "ESPartitionInstanceType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "elasticsearchInstanceType",
  "fluentEnumSetterMethodName" : "elasticsearchInstanceType",
  "fluentGetterMethodName" : "elasticsearchInstanceTypeAsString",
  "fluentSetterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>

  @param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.

  @see ESPartitionInstanceType

  @return Returns a reference to this object so that method calls can be chained together.

  @see ESPartitionInstanceType",
  "fluentSetterMethodName" : "elasticsearchInstanceType"
"getterDocumentation" : "The Elasticsearch instance type offered by the reserved instance offering. If the service returns an enum value that is not available in the current SDK version, [@link #elasticsearchInstanceType] will return [@link ESPartitionInstanceType#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #elasticsearchInstanceTypeAsString].\n\n@return The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "ElasticsearchInstanceType",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "ElasticsearchInstanceType",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "ElasticsearchInstanceType",

"setterDocumentation" : "The Elasticsearch instance type offered by the reserved instance offering.\n@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.\n@see ESPartitionInstanceType",

"setterMethodName" : "setElasticsearchInstanceType",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "elasticsearchInstanceType",
  "variableType": "String",
  "documentation": "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"FixedPrice": {
  "beanStyleGetterMethodName": "getFixedPrice",
  "beanStyleSetterMethodName": "setFixedPrice",
  "c2jName": "FixedPrice",
  "c2jShape": "Double",
  "defaultConsumerFluentSetterDocumentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.</p>
This is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}. When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #fixedPrice(Double)}. When the {@link Double.Builder#build()} is called, it will call methods on the given {@link Double.Builder} consumer that will call methods on the {@link Double.Builder}.

Returns a reference to this object so that method calls can be chained together. {@link #fixedPrice(Double)}
  
  
  
  
  
  "deprecated": false,
  "documentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "fixedPrice",
  "fluentSetterDocumentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.</p>
When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #fixedPrice(Double)}. When the {@link Double.Builder#build()} is called, it will call methods on the given {@link Double.Builder} consumer that will call methods on the {@link Double.Builder}.

Returns a reference to this object so that method calls can be chained together. {@link #fixedPrice(Double)}
  
  "getterDocumentation": "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.</p>
When the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #fixedPrice(Double)}. When the {@link Double.Builder#build()} is called, it will call methods on the given {@link Double.Builder} consumer that will call methods on the {@link Double.Builder}.

Returns a reference to this object so that method calls can be chained together. {@link #fixedPrice(Double)}
  
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
"setterDocumentation": "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering."

"setterMethodName": "setFixedPrice",

"setterModel": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": null,
  "simpleType": "Double",
  "variableSetterType": "Double"
},

"simple": true,

"variable": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.

"simpleType": "Double",
  "variableSetterType": "Double"
},

"xmlNameSpaceUri": null
},

"PaymentOption": {
  "beanStyleGetterMethodName": "getPaymentOptionAsString",
  "beanStyleSetterMethodName": "setPaymentOption",
  "isPayload": true,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "FixedPrice",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "FixedPrice",
  "uri": false
}

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": false,

"listModel": null,

"map": false,

"mapModel": null,

"marshallType": "DOUBLE",

"name": "FixedPrice",

"setterDocumentation": "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering."

"setterMethodDeclaration": "setFixedPrice",

"setterModel": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": null,
  "simpleType": "Double",
  "variableSetterType": "Double"
},

"simple": true,

"timestampFormat": null,

"variable": {
  "variableDeclarationType": "Double",
  "variableName": "fixedPrice",
  "variableType": "Double",
  "documentation": "The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.

"simpleType": "Double",
  "variableSetterType": "Double"
},

"xmlNameSpaceUri": null
}
"c2jName" : "PaymentOption",
"c2jShape" : "ReservedElasticsearchInstancePaymentOption",
"defaultConsumerFluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, the String.Builder#build() is called immediately and its result is passed to the @link #paymentOptionAsString(String)@.<p>@return Returns a reference to this object so that method calls can be chained together.<p>@see #paymentOption(String)",
"deprecated" : false,
"documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
"enumType" : "ReservedElasticsearchInstancePaymentOption",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "paymentOption",
"fluentEnumSetterMethodName" : "paymentOption",
"fluentGetterMethodName" : "paymentOptionAsString",
"fluentSetterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
If the service returns an enum value that is not available in the current SDK version, the @link #paymentOption@ will return @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION@. The raw value returned by the service is available from the @link #paymentOptionAsString@.
"getterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
If the service returns an enum value that is not available in the current SDK version, the @link #paymentOption@ will return @link ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION@. The raw value returned by the service is available from the @link #paymentOptionAsString@.
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PaymentOption",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PaymentOption",
  "uri" : false
},
"idempotencyToken" : false,
"setterDocumentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>
@param paymentOption Payment option for the reserved Elasticsearch instance offering
@see ReservedElasticsearchInstancePaymentOption",
"setterMethodName" : "setPaymentOption",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"RecurringCharges" : {
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
This is a convenience that creates an instance of the {@link List<RecurringCharge>.Builder} avoiding the need to create one manually via {@link List<RecurringCharge>.Builder#builder()}. When the {@link Consumer} completes, {@link List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to {@link #recurringCharges(List<RecurringCharge>)}. Returns a reference to this object so that method calls can be chained together.
@see #recurringCharges(List<RecurringCharge>)",
  "deprecated" : false,
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>"
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "recurringCharges",
"fluentSetterMethodName" : "recurringCharges",
"getterDocumentation" : "\<p\>The charge to your account regardless of whether you are creating any
domains using the instance offering.\</p\>\@param recurringCharges The charge to your account regardless of
whether you are creating any domains using the instance offering.\@return Returns a reference to this object so that
method calls can be chained together.\",
"getterModel" : {
  "returnType" : "java.util.List<RecurringCharge>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "RecurringCharges",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "RecurringCharges",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.

This is a convenience that creates an instance of the `@link RecurringCharge.Builder` avoiding the need to create one manually via `@link RecurringCharge#builder()`. When the `@link Consumer` completes, `@link RecurringCharge.Builder#build()` is called immediately and its result is passed to `@link #member(RecurringCharge)`.

@return Returns a reference to this object so that method calls can be chained together.  @see #member(RecurringCharge)

```
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@param member

The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object."

"getterModel" : {
    "returnType" : "RecurringCharge",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
```
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : null,
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "RecurringCharge",
  "variableName" : "member",
  "variableType" : "RecurringCharge",
  "documentation" : null,
  "simpleType" : "RecurringCharge",
  "variableSetterType" : "RecurringCharge"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "RecurringCharge",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "RecurringCharge",
"templateImplType" : "java.util.ArrayList<RecurringCharge>",
"templateType" : "java.util.List<RecurringCharge>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "RecurringCharges",
"setterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering."

"setterMethodName" : "setRecurringCharges",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<RecurringCharge>",
  "variableName" : "recurringCharges",
  "variableType" : "java.util.List<RecurringCharge>",
  "documentation" : null,
  "simpleType" : "List<RecurringCharge>",
  "variableAdditionalMarshallingPath" : null,
  "variableAdditionalUnmarshallingPath" : null,
  "simple" : false,
  "simpleType" : "List<RecurringCharge>",
  "variableSetterType" : "List<RecurringCharge>",
  "xmlNameSpaceUri" : null
}
"variableSetterType": "java.util.Collection<RecurringCharge>",
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<RecurringCharge>",
"variableName": "recurringCharges",
"variableType": "java.util.List<RecurringCharge>",
"documentation": "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
"simpleType": "List<RecurringCharge>",
"variableSetterType": "java.util.Collection<RecurringCharge>"
},
"xmlNameSpaceUri": null
},
"ReservedElasticsearchInstanceOfferingId": {
"beanStyleGetterMethodName": "getReservedElasticsearchInstanceOfferingId",
"beanStyleSetterMethodName": "setReservedElasticsearchInstanceOfferingId",
"c2jName": "ReservedElasticsearchInstanceOfferingId",
"c2jShape": "GUID",
"defaultConsumerFluentSetterDocumentation": "<p>The Elasticsearch reserved instance offering identifier.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, the String.Builder is called immediately and its result is passed to the ReservedElasticsearchInstanceOfferingId(String) method that will call methods on the String.Builder.\n\n@returns a reference to this object so that method calls can be chained together.\n\n@see #reservedElasticsearchInstanceOfferingId(String)",
"deprecated": false,
"documentation": "<p>The Elasticsearch reserved instance offering identifier.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation": "<p>The Elasticsearch reserved instance offering identifier.</p>
@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n@returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "reservedElasticsearchInstanceOfferingId",
"getterDocumentation": "<p>The Elasticsearch reserved instance offering identifier.</p>
@return The Elasticsearch reserved instance offering identifier.",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>
@param
reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "reservedElasticsearchInstanceOfferingId",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch reserved instance offering identifier.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UsagePrice" : {
  "beanStyleGetterMethodName" : "getUsagePrice",
  "beanStyleSetterMethodName" : "setUsagePrice"}
"c2jName" : "UsagePrice",
"c2jShape" : "Double",

"defaultConsumerFluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>

When the { @link Consumer} completes, {{@link Double.Builder#build()}} is called immediately and its result is passed to {{@link #usagePrice(Double)}}. 

@return Returns a reference to this object so that method calls can be chained together.

@see #usagePrice(Double)",

"deprecated" : false,

"documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,

"fluentEnumSetterMethodName" : null,

"fluentGetterMethodName" : "usagePrice",

"fluentSetterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>

@returns The rate you are charged for each hour the domain that is using the offering is running.

@see #usagePrice(Double)",

"getterModel" : {
    "returnType" : "Double",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "UsagePrice",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "UsagePrice",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,
The rate you are charged for each hour the domain that is using the offering is running.

```java
@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.
```

The Elasticsearch reserved instance offering identifier.

```java
@link String.Builder] avoiding the need to create one manually via {
When the{@link Consumer} completes, {
@link String.Builder#build()} is called immediately and its result is passed to {
@link #reservedElasticsearchInstance OfferingId(String)}:
@see #reserved ElasticsearchInstanceOfferingId(String)
@return Returns a reference to this object so that method calls can be chained together:
```

The Elasticsearch reserved instance offering identifier.

```java
@link String.Builder] avoiding the need to create one manually via {
When the{@link Consumer} completes, {
@link String.Builder#build()} is called immediately and its result is passed to {
@link #reservedElasticsearchInstance OfferingId(String)}:
@see #reserved ElasticsearchInstanceOfferingId(String)
@return Returns a reference to this object so that method calls can be chained together:
```

This is a convenience that creates an instance of the {
When the{@link Consumer} completes, {
@link String.Builder#build()} is called immediately and its result is passed to {
@link #reservedElasticsearchInstance OfferingId(String)}:
@see #reserved ElasticsearchInstanceOfferingId(String)
@return Returns a reference to this object so that method calls can be chained together:
```

"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"fluentSetterDocumentation" : "\<p\>The Elasticsearch reserved instance offering identifier.\</p\>\@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n@return Returns a reference to this object so that method calls can be chained together.\",
"fluentSetterMethodName" : "reservedElasticsearchInstanceOfferingId",
"getterDocumentation" : "\<p\>The Elasticsearch reserved instance offering identifier.\</p\>\n@return The Elasticsearch reserved instance offering identifier.\",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ReservedElasticsearchInstanceOfferingId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ReservedElasticsearchInstanceOfferingId",
"setterDocumentation" : "\<p\>The Elasticsearch reserved instance offering identifier.\</p\>\n@param reservedElasticsearchInstanceOfferingId The Elasticsearch reserved instance offering identifier.\n@return Returns a reference to this object so that method calls can be chained together.\",
"setterMethodName" : "setReservedElasticsearchInstanceOfferingId",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "reservedElasticsearchInstanceOfferingId",
"variableType" : "reservedElasticsearchInstanceOfferingId",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchInstanceType",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchInstanceType",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "ElasticsearchInstanceType",
"setterDocumentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>
@param elasticsearchInstanceType The Elasticsearch instance type offered by the reserved instance offering.<p>
@see ESPartitionInstanceType",
"setterMethodName" : "setElasticsearchInstanceType",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "elasticsearchInstanceType",
  "variableType" : "String",
  "documentation" : "<p>The Elasticsearch instance type offered by the reserved instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}.}
"beanStyleGetterMethodName" : "getDuration",
"beanStyleSetterMethodName" : "setDuration",
"c2jName" : "Duration",
"c2jShape" : "Integer",
"defaultValueConsumerFluentSetterDocumentation" : "\n\nThe duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n\nThis is a convenience that creates an instance of the \{ @link Integer.Builder \} avoiding the need to create one manually via \{ @link Integer\\#builder() \}.\n\nWhen the \{ @link Consumer \} completes, \{ @link Integer.Builder\\#build() \} is called immediately and its result is passed to \{ @link #duration(Integer) \}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #duration(Integer)",
"deprecated" : false,
"documentation" : "\nThe duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n\nWhen the \{ @link Consumer \} completes, \{ @link Integer.Builder\\#build() \} is called immediately and its result is passed to \{ @link #duration(Integer) \}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #duration(Integer)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "duration",
"fluentSetterDocumentation" : "\nThe duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n\n@return Returns a reference to this object so that method calls can be chained together.
\n@see #duration(Integer)",
"fluentSetterMethodName" : "duration",
"getterDocumentation" : "\nThe duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n\n@return The duration, in seconds, for which the offering will reserve the Elasticsearch instance.\n\n@see #duration(Integer)",
"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Duration",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Duration",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "Duration",
"setterDocumentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p><p>@param duration The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
"setterMethodName" : "setDuration",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "duration",
  "variableType" : "Integer",
  "documentation" : "<p>The duration, in seconds, for which the offering will reserve the Elasticsearch instance.</p>",
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getFixedPrice",
"beanStyleSetterMethodName" : "setFixedPrice",
"c2jName" : "FixedPrice",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.</p>

This is a convenience that creates an instance of the {[@link Double.Builder]} avoiding the need to create one manually via {[@link Double#builder()]}.

When the {[@link Consumer]} completes, {[@link Double.Builder#build()]} is called immediately and its result is passed to {[@link #fixedPrice(Double)]}. @param fixedPrice a consumer that will call methods on {[@link Double.Builder]} @return Returns a reference to this object so that method calls can be chained together. @see #fixedPrice(Double)",
"deprecated" : false,
"documentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "fixedPrice",
"fluentSetterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>
@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "fixedPrice",
"getterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>
@return The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.",
"getterModel" : {
  "returnType" : "Double",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "FixedPrice",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "FixedPrice",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "FixedPrice",
"setterDocumentation" : "<p>The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering. </p>
@param fixedPrice The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.",
"setterMethodName" : "setFixedPrice",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "fixedPrice",
  "variableType" : "Double",
  "documentation" : null,
The upfront fixed charge you will pay to purchase the specific reserved Elasticsearch instance offering.

The rate you are charged for each hour the domain that is using the offering is running. This is a convenience that creates an instance of the `Double.Builder` avoiding the need to create one manually via `Double.builder()`. When the `Consumer` completes, `Double.Builder#build()` is called immediately and its result is passed to `usagePrice(Double)`. Returns a reference to this object so that method calls can be chained together.

The rate you are charged for each hour the domain that is using the offering is running.

The rate you are charged for each hour the domain that is using the offering is running.

The rate you are charged for each hour the domain that is using the offering is running.

The rate you are charged for each hour the domain that is using the offering is running.
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UsagePrice",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UsagePrice",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "UsagePrice",
"setterDocumentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>
@param usagePrice The rate you are charged for each hour the domain that is using the offering is running.
",
"setterMethodName" : "setUsagePrice",
"setterModel" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : null,
    "simpleType" : "Double",
    "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "Double",
    "variableName" : "usagePrice",
    "variableType" : "Double",
    "documentation" : "<p>The rate you are charged for each hour the domain that is using the offering is running.</p>
",
    "simpleType" : "Double",
    "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
}
"beanStyleGetterMethodName" : "getCurrencyCode",
"beanStyleSetterMethodName" : "setCurrencyCode",
"c2jName" : "CurrencyCode",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The currency code for the reserved Elasticsearch instance offering.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #currencyCode(String)}. Returns a reference to this object so that method calls can be chained together.

@see #currencyCode(String)",
"deprecated" : false,
"documentation" : "The currency code for the reserved Elasticsearch instance offering.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currencyCode",
"fluentSetterDocumentation" : "The currency code for the reserved Elasticsearch instance offering.
@param currencyCode The currency code for the reserved Elasticsearch instance offering.
@return Returns a reference to this object so that method calls can be chained together.

@see #currencyCode(String)",
"fluentSetterMethodName" : "currencyCode",
"getterDocumentation" : "The currency code for the reserved Elasticsearch instance offering.

@see #currencyCode(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CurrencyCode",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CurrencyCode",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "CurrencyCode",
"setterDocumentation": "<p>The currency code for the reserved Elasticsearch instance offering.</p>
@param currencyCode The currency code for the reserved Elasticsearch instance offering.",
"setterMethodName": "setCurrencyCode",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "currencyCode",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "currencyCode",
  "variableType": "String",
  "documentation": "<p>The currency code for the reserved Elasticsearch instance offering.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlnsNameSpaceUri": null
},
{"beanStyleGetterMethodName": "getPaymentOptionAsString",
"beanStyleSetterMethodName": "setPaymentOption",
"c2jName": "PaymentOption",
"c2jShape": "ReservedElasticsearchInstancePaymentOption",
"defaultValueConsumerFluentSetterDocumentation": "<p>Payment option for the reserved Elasticsearch instance offering</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #paymentOptionAsString(String)}. Returns a reference to this object so that method calls can be chained together.
@see #paymentOption(String)",
"deprecated": false,
"documentation": "<p>Payment option for the reserved Elasticsearch instance offering</p>",
"enumType": "ReservedElasticsearchInstancePaymentOption",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "paymentOption",
"fluentEnumSetterMethodName": "paymentOption",
"fluentGetterMethodName": "paymentOptionAsString",
"fluentSetterDocumentation": "<p>Payment option for the reserved Elasticsearch instance offering</p>"}
offering

@see ReservedElasticsearchInstancePaymentOption

@returns Returns a reference to this object so that method calls can be chained together.

@see ReservedElasticsearchInstancePaymentOption

"@param paymentOption Payment option for the reserved Elasticsearch instance offering

@see ReservedElasticsearchInstancePaymentOption

"fluentSetterMethodName" : "paymentOption",

"getterDocumentation" : "Payment option for the reserved Elasticsearch instance offering

If the service returns an enum value that is not available in the current SDK version, [@link paymentOption] will return [ReservedElasticsearchInstancePaymentOption#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link paymentOptionAsString].

return Payment option for the reserved Elasticsearch instance offering

@see ReservedElasticsearchInstancePaymentOption",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "PaymentOption",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "PaymentOption",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "STRING",

"name" : "PaymentOption",

"setterDocumentation" : "Payment option for the reserved Elasticsearch instance offering

@see ReservedElasticsearchInstancePaymentOption",

"setterMethodName" : "setPaymentOption",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "PaymentOption",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PaymentOption",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "PaymentOption",
  "setterDocumentation" : "Payment option for the reserved Elasticsearch instance offering

@see ReservedElasticsearchInstancePaymentOption",

"setterMethodName" : "setPaymentOption",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "PaymentOption",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PaymentOption",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "PaymentOption",
  "setterDocumentation" : "Payment option for the reserved Elasticsearch instance offering

@see ReservedElasticsearchInstancePaymentOption",

"setterMethodName" : "setPaymentOption",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "PaymentOption",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "PaymentOption",
    "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "STRING",
  "name" : "PaymentOption",
  "setterDocumentation" : "Payment option for the reserved Elasticsearch instance offering

@see ReservedElasticsearchInstancePaymentOption",

"setterMethodName" : "setPaymentOption",

"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String"}
"variableSetterType" : "String",
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "paymentOption",
  "variableType" : "String",
  "documentation" : "<p>Payment option for the reserved Elasticsearch instance offering.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
},
  "beanStyleGetterMethodName" : "getRecurringCharges",
  "beanStyleSetterMethodName" : "setRecurringCharges",
  "c2jName" : "RecurringCharges",
  "c2jShape" : "RecurringChargeList",
  "defaultConsumerFluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
This is a convenience that creates an instance of the { @link List<RecurringCharge>.Builder} avoiding the need to create one manually via { @link
List<RecurringCharge>#builder()}. When the { @link Consumer} completes, { @link
List<RecurringCharge>.Builder#build()} is called immediately and its result is passed to { @link
#recurringCharges(List<RecurringCharge>)}. If the { @link list of recurringCharges} a consumer that will call methods on { @link List<RecurringCharge>.Builder} returns a reference to this object so that method calls can be chained together.

@see #recurringCharges(List<RecurringCharge>)",
  "deprecated" : false,
  "documentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "recurringCharges",
  "fluentSetterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@see recurringCharges(List<RecurringCharge>)",
  "getterDocumentation" : "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@see recurringCharges(List<RecurringCharge>)",
  "getterModel" : {
    "returnType" : "java.util.List<RecurringCharge>",
    "documentation" : null
  },
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "RecurringCharges",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "RecurringCharges",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
",jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "RecurringCharge",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [@link RecurringCharge.Builder] avoiding the need to create one manually via [@link RecurringCharge#builder()]. When the [@link Consumer] completes, [@link RecurringCharge.Builder#build()] is called immediately and its result is passed to [@link #member(RecurringCharge)].
@param member a consumer a a consumer that will call methods on [@link RecurringCharge.Builder]@n@returns Returns a reference to this object so that method calls can be chained together.
@see #member(RecurringCharge)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object

The new value for the Member property for this object.
@n@returns Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.
@n@returns The value of
the Member property for this object."
"getterModel" : {
   "returnType" : "RecurringCharge",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "member",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "member",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
   "variableDeclarationType" : "RecurringCharge",
   "variableName" : "member",
   "variableType" : "RecurringCharge",
   "documentation" : null,
   "simpleType" : "RecurringCharge",
   "variableSetterType" : "RecurringCharge"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
   "variableDeclarationType" : "RecurringCharge",
   "variableName" : "member",
   "variableType" : "RecurringCharge",
   "documentation" : ""}
"simpleType": "RecurringCharge",
"variableSetterType": "RecurringCharge"
},
"xmlnsSpaceUri": null
},
"memberLocationName": null,
"memberType": "RecurringCharge",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": false,
"simpleType": "RecurringCharge",
"templateImplType": "java.util.ArrayList<RecurringCharge>",
"templateType": "java.util.List<RecurringCharge>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "RecurringCharges",
"setterDocumentation": "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>\n@param recurringCharges The charge to your account regardless of whether you are creating any domains using the instance offering.",
"setterMethodName": "setRecurringCharges",
"setterModel": {
"variableDeclarationType": "java.util.List<RecurringCharge>",
"variableName": "recurringCharges",
"variableType": "java.util.List<RecurringCharge>",
"documentation": null,
"simpleType": "List<RecurringCharge>",
"variableSetterType": "java.util.Collection<RecurringCharge>"
},
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<RecurringCharge>",
"variableName": "recurringCharges",
"variableType": "java.util.List<RecurringCharge>",
"documentation": "<p>The charge to your account regardless of whether you are creating any domains using the instance offering.</p>",
"simpleType": "List<RecurringCharge>",
"variableSetterType": "java.util.Collection<RecurringCharge>"
},
"xmlnsSpaceUri": null
}]
,"requestSignerAware": false,
"requestSignerClassFqcn": null,
"required": null,
"shapeName": "ReservedElasticsearchInstanceOffering"
"simpleMethod": false,
"unmarshaller": {
  "flattened": false,
  "resultWrapper": null
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"variable": {
  "variableDeclarationType": "ReservedElasticsearchInstanceOffering",
  "variableName": "reservedElasticsearchInstanceOffering",
  "variableType": "ReservedElasticsearchInstanceOffering",
  "documentation": null,
  "simpleType": "ReservedElasticsearchInstanceOffering",
  "variableSetterType": "ReservedElasticsearchInstanceOffering"
},
"wrapper": false
},
"ReservedElasticsearchInstancePaymentOption": {
  "c2jName": "ReservedElasticsearchInstancePaymentOption",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "",
  "enums": [{
    "name": "ALL_UPFRONT",
    "value": "ALL_UPFRONT"
  },
    { "name": "PARTIAL_UPFRONT",
      "value": "PARTIAL_UPFRONT"
  },
    { "name": "NO_UPFRONT",
      "value": "NO_UPFRONT"
  }],
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
  "members": [ ],
  "membersAsMap": { },
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
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  "members": [ ],
  "membersAsMap": { },
"nonStreamingMembers" : [ ],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ReservedElasticsearchInstancePaymentOption",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
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"variable" : {
  "variableDeclarationType" : "ReservedElasticsearchInstancePaymentOption",
  "variableName" : "reservedElasticsearchInstancePaymentOption",
  "variableType" : "ReservedElasticsearchInstancePaymentOption",
  "documentation" : null,
  "simpleType" : "ReservedElasticsearchInstancePaymentOption",
  "variableSetterType" : "ReservedElasticsearchInstancePaymentOption"
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"wrapper" : false
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"ResourceAlreadyExistsException" : {
  "c2jName" : "ResourceAlreadyExistsException",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>An exception for creating a resource that already exists. Gives http status code of 400.</p>",
  "enums" : null,
  "errorCode" : "ResourceAlreadyExistsException",
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : 409,
  "marshaller" : null,
  "members" : [ ],
  "membersAsMap" : { },
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ResourceAlreadyExistsException",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
    "variableDeclarationType" : "ResourceAlreadyExistsException",
    "variableName" : "resourceAlreadyExistsException",
    "variableType" : "ResourceAlreadyExistsException",
    "documentation" : null,
    "simpleType" : "ResourceAlreadyExistsException",
    "variableSetterType" : "ResourceAlreadyExistsException"
},
"wrapper" : false
},
"ResourceNotFoundException" : {
    "c2jName" : "ResourceNotFoundException",
    "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.</p>",
    "enums" : null,
    "errorCode" : "ResourceNotFoundException",
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : 409,
    "marshaller" : null,
    "members" : [ ],
    "membersAsMap" : { },
    "nonStreamingMembers" : [ ],
    "requestSignerAware" : false,
    "requestSignerClassFqcn" : null,
    "required" : null,
    "shapeName" : "ResourceNotFoundException",
    "simpleMethod" : false,
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        "variableName" : "resourceNotFoundException",
        "variableType" : "ResourceNotFoundException",
        "documentation" : null,
        "simpleType" : "ResourceNotFoundException",
        "variableSetterType" : "ResourceNotFoundException"
    }
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"variableName": "resourceNotFoundException",
"variableType": "ResourceNotFoundException",
"documentation": null,
"simpleType": "ResourceNotFoundException",
"variableSetterType": "ResourceNotFoundException"
},
"wrapper": false
},
"ServiceSoftwareOptions": [ 
  "c2jName": "ServiceSoftwareOptions",
  "customization": { 
    "artifactResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "The current options of an Elasticsearch domain service software options.<p>",
  "enums": null,
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
  "marshallers": null,
  "members": [ 
    "beanStyleGetterMethodName": "getCurrentVersion",
    "beanStyleSetterMethodName": "setCurrentVersion",
    "c2jName": "CurrentVersion",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "The current service software version that is present on the domain.<p>",
  ]
],
"deprecated": false,
"documentation": "The current service software version that is present on the domain.<p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName" : "currentVersion",
"fluentSetterDocumentation" : "<p>The current service software version that is present on the
domain.</p>@param currentVersion The current service software version that is present on the domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "currentVersion",
"getterDocumentation" : "<p>The current service software version that is present on the domain.</p>
@returns The current service software version that is present on the domain.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CurrentVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CurrentVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrentVersion",
"setterDocumentation" : "<p>The current service software version that is present on the domain.</p>@param currentVersion The current service software version that is present on the domain.",
"setterMethodName" : "setCurrentVersion",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "currentVersion",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currentVersion",
  "variableType" : "String",
  "documentation" : "<p>The current service software version that is present on the domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null},
  {
  "beanStyleGetterMethodName" : "getNewVersion",
  "beanStyleSetterMethodName" : "setNewVersion",
  "c2jName" : "NewVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one is available.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #newVersion(String)}. Returns a reference to this object so that method calls can be chained together.
"@see #newVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The new service software version if one is available.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "newVersion",
  "fluentSetterDocumentation" : "<p>The new service software version if one is available.</p>
@return The new service software version if one is available.
@see #newVersion(String)",
  "fluentSetterMethodName" : "newVersion",
  "getterDocumentation" : "<p>The new service software version if one is available.</p>
@return The new service software version if one is available.
@see #newVersion(String)",
  "getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
  "http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
The new service software version if one is available.

@param newVersion

The new service software version if one is available.

@code
Boolean updateAvailable
@endcode

This is a convenience that creates an instance of the {@link Boolean.Builder} avoiding the need to create one manually via

@link Boolean#builder()

When the {@link Consumer} completes, {@link Boolean.Builder#build()} is called immediately and its result is passed to

@link #updateAvailable(Boolean)

a consumer
that will call methods on \{@link Boolean.Builder\}n@return Returns a reference to this object so that method calls can be chained together.@n@see #updateAvailable(Boolean)\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>
@param updateAvailable True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
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@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.\n"deprecated" : false,
"setterDocumentation" : 
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : "<p><code>True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. 
@if param updateAvailable True</code> if you are able to update your service software version. 
<code>False</code> if you are not able to update your service software version. </p>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"}
reference to this object so that method calls can be chained together.

    "fluentSetterMethodName" : "cancellable",
    "getterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p><p>@return True</code> if you are able to cancel your service software version update. <code>False</code>

    "getterModel" : {
        "returnType" : "Boolean",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "Cancellable",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "Cancellable",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "BOOLEAN",
    "name" : "Cancellable",
    "setterDocumentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p><p>@param cancellable True</code> if you are able to cancel your service software version update. <code>False</code>

    "setterMethodName" : "setCancellable",
    "setterModel" : {
        "variableDeclarationType" : "Boolean",
        "variableName" : "cancellable",
        "variableType" : "Boolean",
        "documentation" : null,
        "simpleType" : "Boolean",
        "variableSetterType" : "Boolean"
    },
    "simple" : true,
    "timestampFormat" : null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "cancellable",
  "variableType": "Boolean",
  "documentation": "<p><code>True</code> if you are able to cancel your service software version update. 
<code>False</code> if you are not able to cancel your service software version. </p>",
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getUpdateStatusAsString",
"beanStyleSetterMethodName": "setUpdateStatus",
"c2jName": "UpdateStatus",
"c2jShape": "DeploymentStatus",
"defaultConsumerFluentSetterDocumentation": "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. 
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via {
<code>String#builder()</code>}. When the { @link Consumer} completes, {
<code>String.Builder#build()</code>} is called immediately and its result is passed to { @link #updateStatusAsString(String)}. 
@see #updateStatusAsString(String)",
  "deprecated": false,
  "documentation": "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, 
<code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. 
"enumType": "DeploymentStatus",
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": "updateStatus",
  "fluentEnumSetterMethodName": "updateStatus",
  "fluentGetterMethodName": "updateStatusAsString",
  "fluentSetterDocumentation": "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. 
@see DeploymentStatus
@return Returns a reference to this object so that method calls can be chained together.
@see DeploymentStatus",
  "getterDocumentation": "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, 
<code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. 
If the service returns an enum value that is not available in the current SDK version, { @link #updateStatus} will return { @link DeploymentStatus#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #updateStatusAsString}. 
@see #updateStatusAsString
@return The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>,

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@see DeploymentStatus",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "UpdateStatus",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "UpdateStatus",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
    "jsonValue" : false,
    "list" : false,
    "listModel" : null,
    "map" : false,
    "mapModel" : null,
    "marshallingType" : "STRING",
    "name" : "UpdateStatus",
    "setterDocumentation" : "The status of your service software update. This field can take the following values: \n    \n    <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, <code>NOT_ELIGIBLE</code>.\n
    @see DeploymentStatus",
    "setterMethodName" : "setUpdateStatus",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "updateStatus",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : "The status of your service software update. This field can take the following values:
<br/>
<code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getDescription",
"beanStyleSetterMethodName" : "setDescription",
"c2jName" : "Description",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "The description of the <code>UpdateStatus</code>. This is a convenience that creates an instance of the <a href="#/typedefs/String.Builder">String.Builder</a> avoiding the need to create one manually via <a href="#/typedefs/String.Builder#builder()">String.Builder()</a>. When the [Consumer] completes, <a href="#/typedefs/String.Builder#build()">String.Builder#build()</a> is called immediately and its result is passed to <a href="#/typedefs/UpdateStatus#description(String)">#description(String)</a>.<br/>

@returns a reference to this object so that method calls can be chained together.<br/>
@see #description(String)"
)
,"deprecated" : false,
"documentation" : "The description of the <code>UpdateStatus</code>.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "description",
"fluentSetterDocumentation" : "The description of the <code>UpdateStatus</code>.<br/>
@returns a reference to this object so that method calls can be chained together.<br/>
@see #description(String)"
),
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
}
The description of the `<code>UpdateStatus</code>`.

```java
public void setDescription(String description)
```

The description of the `<code>UpdateStatus</code>`.

```java
public void setAutomatedUpdateDate(Instant automatedUpdateDate)
```

This is a convenience that creates an instance of the `{@link Instant.Builder}` avoiding the need to create one manually via `{@link Instant#builder()}`. When the `{@link Consumer}` completes, `{@link Instant.Builder#build()}` is called.
immediately and its result is passed to @link #automatedUpdateDate(Instant)\n@param automatedUpdateDate a consumer that will call methods on @link Instant.Builder\n@return Returns a reference to this object so that method calls can be chained together.\n@see #automatedUpdateDate(Instant)\n"deprecated" : false,
"documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "automatedUpdateDate",
"fluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "automatedUpdateDate",
"getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@return Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.",
"getterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
},
"http" : {
"additional MarshallingPath" : null,
"additional UnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AutomatedUpdateDate",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AutomatedUpdateDate",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.",
"setterMethodName" : "setAutomatedUpdateDate",
"setterModel" : {

  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
}
,"simple" : true,
"timestampFormat" : null,
"variable" : {

  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>"
}
,"xmlNameSpaceUri" : null
}

"membersAsMap" : {

  "AutomatedUpdateDate" : {

    "beanStyleGetterMethodName" : "getAutomatedUpdateDate",
    "beanStyleSetterMethodName" : "setAutomatedUpdateDate",
    "c2jName" : "DeploymentCloseDateTimeStamp",
    "c2jShape" : "DeploymentCloseDateTimeStamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>

    "deprecated" : false,
    "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>"
}}
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "automatedUpdateDate",
"fluentSetterDocumentation": "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param
amutomatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "automatedUpdateDate",
"getterDocumentation": "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@return Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.",
"getterModel": {
   "returnType": "java.time.Instant",
   "documentation": null
},
"http": {
   "additionalMarshallingPath": null,
   "additionalUnmarshallingPath": null,
   "flattened": false,
   "greedy": false,
   "header": false,
   "isPayload": false,
   "isStreaming": false,
   "location": null,
   "marshallLocation": "PAYLOAD",
   "marshallLocationName": "AutomatedUpdateDate",
   "queryString": false,
   "statusCode": false,
   "unmarshallLocationName": "AutomatedUpdateDate",
   "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "INSTANT",
"name": "AutomatedUpdateDate",
"setterDocumentation": "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setAutomatedUpdateDate",
"setterMethodParameterName": "automatedUpdateDate"
"setterModel": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "automatedUpdateDate",
  "variableType": "java.time.Instant",
  "documentation": null,
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "automatedUpdateDate",
  "variableType": "java.time.Instant",
  "documentation": "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>",
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},
"xmlNameSpaceUri": null
},
"Cancellable": {
  "beanStyleGetterMethodName": "getCancellable",
  "beanStyleSetterMethodName": "setCancellable",
  "c2jName": "Cancellable",
  "c2jShape": "Boolean",
  "defaultConsumerFluentSetterDocumentation": "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version.</p>
  "deprecated": false,
  "documentation": "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": "null",
  "fluentEnumSetterMethodName": "null",
  "fluentGetterMethodName": "null",
  "fluentSetterDocumentation": "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
  "fluentSetterMethodName": "null",
  "getterDocumentation": "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
  "param cancellable True<code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
  "@param cancellable True<code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
  "@return Returns a reference to this object so that method calls can be chained together.
  "getFluentSetterMethodName": "cancelable",
  "getFluentSetterMethod": "cancelable",
  "getSetterDocumentation": "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
  "getSetterMethodName": "cancelable",
  "getDocumentation": "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>
  "setterModel": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "automatedUpdateDate",
  "variableType": "java.time.Instant",
  "documentation": null,
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"}
}
update. <code>False</code> if you are not able to cancel your service software version. </p>
@return
<code>True</code> if you are able to cancel your service software version update. <code>False</code>,

"getterModel" : {
    "returnType" : "Boolean",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Cancellable",
    "queryString" : false,
    "statusCodes" : false,
    "unmarshallLocationName" : "Cancellable",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "BOOLEAN",

"name" : "Cancellable",

"setterDocumentation" : "<p>&lt;code&gt;True&lt;/code&gt; if you are able to cancel your service software version update. &lt;code&gt;False&lt;/code&gt; if you are not able to cancel your service software version. &lt;/p&gt;\n@param cancellable

<code>True</code> if you are able to cancel your service software version update. <code>False</code>,

"setterMethodName" : "setCancellable",

"setterModel" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "cancellable",
    "variableType" : "Boolean",
    "documentation" : null,
    "simpleType" : "Boolean",
    "variableSetterType" : "Boolean"
},

"simple" : true,

"timestampFormat" : null,

"variable" : {
    "variableDeclarationType" : "Boolean",
    "variableName" : "cancellable",

"variableType" : "Boolean",
"documentation" : "<p><code>True</code> if you are able to cancel your service software version update. <code>False</code> if you are not able to cancel your service software version. </p>",
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"CurrentVersion" : {
"beanStyleGetterMethodName" : "getCurrentVersion",
"beanStyleSetterMethodName" : "setCurrentVersion",
"c2jName" : "CurrentVersion",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "The current service software version that is present on the domain."
}"documentation" : "The current service software version that is present on the domain.
"returns" : Returns a reference to this object so that method calls can be chained together.
"getterDocumentation" : "The current service software version that is present on the domain.
"returns" : Returns a reference to this object so that method calls can be chained together.
"getterModel" : {
"returnType" : "String",
"documentation" : null
}
,"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CurrentVersion",}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CurrentVersion",
"uri" : false
],
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrentVersion",
"setterDocumentation" : "<p>The current service software version that is present on the
domain.</p>
@param currentVersion The current service software version that is present on the domain.",
"setterMethodName" : "setCurrentVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "currentVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "currentVersion",
  "variableType" : "String",
  "documentation" : "<p>The current service software version that is present on the domain.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"Description" : {
  "beanStyleGetterMethodName" : "getDescription",
  "beanStyleSetterMethodName" : "setDescription",
  "c2jName" : "Description",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The description of the
<code>UpdateStatus</code></p>

This is a convenience that creates an instance of the {
@link String.Builder}

avoiding the need to create one manually via {
@link String#builder()}.\n\nWhen the {
@link Consumer} completes,
{
@link String.Builder#build()}

is called immediately and its result is passed to {
@link
#description(String)}\n\n@unwrapDescription a consumer that will call methods on {
@link String.Builder}\n\n@returns

Returns a reference to this object so that method calls can be chained together:\n
@see #description(String)"
"deprecated" : false,
"documentation" : "The description of the <code>UpdateStatus</code>.",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "description",
"fluentSetterDocumentation" : "The description of the <code>UpdateStatus</code>.

@returns

The description of the <code>UpdateStatus</code>.

@see

The description of the <code>UpdateStatus</code>.

getterDocumentation" : "The description of the <code>UpdateStatus</code>.

@returns

The description of the <code>UpdateStatus</code>.

getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Description",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Description",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"JsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Description",
"setterDocumentation" : "The description of the <code>UpdateStatus</code>.

@returns

The description of the <code>UpdateStatus</code>.

setterMethodName" : "setDescription",
"setterModel" : {
"variableDeclarationType" : "String"}
"variableName" : "description",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "description",
  "variableType" : "String",
  "documentation" : "<p>The description of the <code>UpdateStatus</code>.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"NewVersion" : {
  "beanStyleGetterMethodName" : "getNewVersion",
  "beanStyleSetterMethodName" : "setNewVersion",
  "c2jName" : "NewVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one isavailable.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need tocreate one manually via {@link String#builder()}.When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #newVersion(String)}.<param name=newVersion a consumer that will call methods on {@link String.Builder}@return Returns a reference to thisobject so that method calls can be chained together.@see #newVersion(String)",
  "deprecated" : false,
  "documentation" : "<p>The new service software version if one is available.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "newVersion",
  "fluentSetterDocumentation" : "<p>The new service software version if one is available.</p>
@param newVersion The new service software version if one is available.<return Returns a reference to this object so that method calls can be chained together."
  "fluentSetterMethodName" : "newVersion",
  "getterDocumentation" : "<p>The new service software version if one is available.</p><return The newservice software version if one is available.".,
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {

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"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NewVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NewVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NewVersion",
"setterDocumentation" : "<p>The new service software version if one is available.</p>\n@param newVersion The new service software version if one is available.",
"setterMethodName" : "setNewVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "newVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "newVersion",
  "variableType" : "String",
  "documentation" : "The new service software version if one is available.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"UpdateAvailable" : {
...
"beanStyleGetterMethodName" : "getUpdateAvailable",
"beanStyleSetterMethodName" : "setUpdateAvailable",
"c2jName" : "UpdateAvailable",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>
This is a convenience that creates an instance of the [@link Boolean.Builder] avoiding the need to create one manually via [@link Boolean.Builder#builder()].

When the [@link Consumer] completes, [@link Boolean.Builder#build()] is called immediately and its result is passed to [@link #updateAvailable(Boolean)]().

@returns a reference to this object so that method calls can be chained together.

@see #updateAvailable(Boolean)

"deprecated" : false,
"documentation" : "<p><code>True</code> if you are able to update you service software version. <code>False</code> if you are not able to update your service software version. </p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateAvailable",
"fluentSetterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.

@see #updateAvailable(Boolean)

"fluentSetterMethodName" : "updateAvailable",
"getterDocumentation" : "<p><code>True</code> if you are able to update you service software version. <code>False
@return Returns a reference to this object so that method calls can be chained together.

@see #updateAvailable(Boolean)

"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpdateAvailable",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpdateAvailable",
"uri" : false
}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "UpdateAvailable",
"setterDocumentation": "<p>\n\nIf you are able to update you service software version.
\n\n\n\n\nif you are able to update you service software version. \n\n\n\n\n\nFalse",

"setterMethodName": "setUpdateAvailable",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "updateAvailable",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "updateAvailable",
  "variableType": "Boolean",
  "documentation": "<p>\n\nIf you are able to update you service software version.
\n\n\n\n\nFalse",

"setterDocumentation": "\n\n\n\n\nif you are not able to update your service software version.
\n\n\n\n\nFalse",

"setterMethodName": "setUpdateAvailable",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "updateAvailable",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Boolean",
  "variableName": "updateAvailable",
  "variableType": "Boolean",
  "documentation": "<p>\n\nIf you are able to update you service software version.
\n\n\n\n\nFalse",

"setterDocumentation": "\n\n\n\n\nif you are not able to update your service software version.
\n\n\n\n\nFalse",

"setterMethodName": "setUpdateAvailable",
"setterModel": {
  "variableDeclarationType": "Boolean",
  "variableName": "updateAvailable",
  "variableType": "Boolean",
  "documentation": null,
  "simpleType": "Boolean",
  "variableSetterType": "Boolean"
},
"simple": true,
"documentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.",
"enumType" : "DeploymentStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "updateStatus",
"fluentEnumSetterMethodName" : "updateStatus",
"fluentGetterMethodName" : "updateStatusAsString",
"fluentSetterDocumentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.",
"getterDocumentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. If the service returns an enum value that is not available in the current SDK version, [@link #updateStatus] will return [@link DeploymentStatus#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #updateStatusAsString].",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpdateStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpdateStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpdateStatus",
"setterDocumentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.<p>
@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
"setterMethodName" : "setUpdateStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : "<p>The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.<p>
 simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
],
"nonStreamingMembers" : [
  "beanStyleGetterMethodName" : "getCurrentVersion",
  "beanStyleSetterMethodName" : "setCurrentVersion",
  "c2jName" : "CurrentVersion",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "<p>The current service software version that is present on the domain.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder}]

When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #currentVersion(String)}.\n@param currentVersion a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this
object so that method calls can be chained together.

@see #currentVersion(String)

"deprecated" : false,
"documentation" : "The current service software version that is present on the domain."
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "currentVersion",
"fluentSetterDocumentation" : "The current service software version that is present on the domain.

@returns {string} The current service software version that is present on the domain.

The current service software version that is present on the domain.

"getterDocumentation" : "The current service software version that is present on the domain.

@returns {string} The current service software version that is present on the domain.

The current service software version that is present on the domain.

"getterModel" : {
  "returnType" : "string",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "CurrentVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CurrentVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "CurrentVersion",
"setterDocumentation" : "The current service software version that is present on the domain.

@returns {string} The current service software version that is present on the domain.

The current service software version that is present on the domain.

"setterMethodName" : "setCurrentVersion",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "currentVersion",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "currentVersion",
"variableType" : "String",
"documentation" : "<p>The current service software version that is present on the domain.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
"beanStyleGetterMethodName" : "getNewVersion",
"beanStyleSetterMethodName" : "setNewVersion",
"c2jName" : "NewVersion",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The new service software version if one is available.</p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.

When the {@link Consumer} completes, when a consumer that will call methods on
@link String.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #newVersion(String)",
"deprecated" : false,
"documentation" : "<p>The new service software version if one is available.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "newVersion",
"fluentSetterMethodName" : "newVersion",
"fluentSetterDocumentation" : "<p>The new service software version if one is available.</p>
@link String.Builder
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "newVersion",
"getterDocumentation" : "<p>The new service software version if one is available.</p>
@return The new service software version if one is available.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "NewVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "NewVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "NewVersion",
"setterDocumentation" : "<p>The new service software version if one is available.</p>@param newVersion
The new service software version if one is available.",
"setterMethodName" : "setNewVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "newVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "newVersion",
  "variableType" : "String",
  "documentation" : "<p>The new service software version if one is available.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getUpdateAvailable",
"beanStyleSetterMethodName" : "setUpdateAvailable",
"c2jName" : "UpdateAvailable",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>&lt;code&gt;True&lt;/code&gt; if you are able to update you service software version. &lt;code&gt;False&lt;/code&gt; if you are not able to update your service software version. &lt;/p&gt;

This is a convenience that creates an instance of the [@link Boolean.Builder] avoiding the need to create one manually via [@link Boolean.Builder#builder()].

When the [@link Consumer] completes, [@link Boolean.Builder#build()] is called immediately and its result is passed to [@link #updateAvailable(Boolean)].

@see #updateAvailable(Boolean)

@deprecated" : false,
"documentation" : "<p>&lt;code&gt;True&lt;/code&gt; if you are able to update you service software version.
False if you are not able to update your service software version. \n</p>

<code>false</code> if you are not able to update your service software version. \n</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "updateAvailable",
"fluentSetterDocumentation" : "<p>&lt;code&gt;True&lt;/code&gt; if you are able to update you service software version. &lt;code&gt;False&lt;/code&gt; if you are not able to update your service software version. &lt;/p&gt;

When the [@link Consumer] completes, [@link Boolean.Builder#build()] is called immediately and its result is passed to [@link updateAvailable(Boolean)].

@see #updateAvailable(Boolean)

@deprecated" : false,
"documentation" : "<p>&lt;code&gt;True&lt;/code&gt; if you are able to update you service software version.
False if you are not able to update your service software version. \n</p>

<code>false</code> if you are not able to update your service software version. \n</p>

<code>false</code> if you are not able to update your service software version. \n</p>

<code>true</code> if you are able to update you service software version. \n@see #updateAvailable(Boolean)

@deprecated" : false,
"documentation" : "<p>&lt;code&gt;True&lt;/code&gt; if you are able to update you service software version.
False if you are not able to update your service software version. \n</p>

<code>false</code> if you are not able to update your service software version. \n</p>

<code>true</code> if you are able to update you service software version. \n@see #updateAvailable(Boolean)

@deprecated" : false,
"documentation" : "<p>&lt;code&gt;True&lt;/code&gt; if you are able to update you service software version.
False if you are not able to update your service software version. \n</p>

<code>false</code> if you are not able to update your service software version. \n</p>

<code>true</code> if you are able to update you service software version. \n@see #updateAvailable(Boolean)

@deprecated" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "UpdateAvailable",
"setterDocumentation" : "<p><code>True</code> if you are able to update you service software version. 
<code>False</code> if you are not able to update your service software version. </p>@param updateAvailable
True if you are able to update you service software version. <code>False</code>
"setterMethodName" : "setUpdateAvailable",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "updateAvailable",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null,
},
"beanStyleGetterMethodName" : "getCancellable",
"beanStyleSetterMethodName" : "setCancellable",
"c2jName" : "Cancellable",
"c2jShape" : "Boolean",
"deprecated" : false,
"documentation" : null,
"enumType" : null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "cancellable",
"fluentSetterDocumentation": "\n\t<p><code>True</code> if you are able to cancel your service software version update. \n\t<code>False</code> if you are not able to cancel your service software version. \n\t</p>\n@Param cancellable True\n\t<code>True</code> if you are able to cancel your service software version update. \n\t<code>False</code> if you are not able to cancel your service software version. \n\t\n\t@return Returns a reference to this object so that method calls can be chained together."
,
"fluentSetterMethodName": "cancellable",
"getterDocumentation": "\n\t<p><code>True</code> if you are able to cancel your service software version update. \n\t<code>False</code>\n\t@return Returns a reference to this object so that method calls can be chained together."
,
"getterModel": {
\t"returnType": "Boolean",
\t"documentation": null
},
"http": {
\t"additionalMarshallingPath": null,
\t"additionalUnmarshallingPath": null,
\t"flattened": false,
\t"greedy": false,
\t"header": false,
\t"isPayload": false,
\t"isStreaming": false,
\t"location": null,
\t"marshallLocation": "PAYLOAD",
\t"marshallLocationName": "Cancellable",
\t"queryString": false,
\t"statusCode": false,
\t"unmarshallLocationName": "Cancellable",
\t"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "BOOLEAN",
"name": "Cancellable",
"setterDocumentation": "\n\t<p><code>True</code> if you are able to cancel your service software version update. \n\t<code>False</code> if you are not able to cancel your service software version. \n\t</p>\n@Param cancellable True\n\t<code>True</code> if you are able to cancel your service software version update. \n\t<code>False</code>\n\t@return Returns a reference to this object so that method calls can be chained together."
,
"setterMethodName": "setCancellable",
"setterModel": {
\t"variableDeclarationType": "Boolean"
"cancellable": "true",
"cancellable": true,
"cancellable": true,
"cancellable": true,
"cancellable": true,
"cancellable": true,
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"cancellable": true,
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"cancellable": true,
"cancellable": true,
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"cancellable": true,
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"cancellable": true,
"cancellable": true,
"cancellable": true,
"cancellable": true,
"cancellable": true,
"cancellable": true,
"fluentSetterMethodName": "updateStatus",
"getterDocumentation": "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>. If the service returns an enum value that is not available in the current SDK version, [@link #updateStatus] will return [@link DeploymentStatus#UNKNOWN_TO_SDK_VERSION]. The raw value returned by the service is available from [@link #updateStatusAsString].\n}\n\n\nreturn The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n\n@see DeploymentStatus",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "UpdateStatus",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "UpdateStatus",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "UpdateStatus",
"setterDocumentation": "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n\n@param updateStatus The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.\n@see DeploymentStatus",
"setterMethodName": "setUpdateStatus",
"setterModel": {
"variableDeclarationType": "String"}
"variableName" : "updateStatus",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "updateStatus",
  "variableType" : "String",
  "documentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{  "beanStyleGetterMethodName" : "getDescription",
  "beanStyleSetterMethodName" : "setDescription",
  "c2jName" : "Description",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "The description of the <code>UpdateStatus</code>. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #description(String)}.\n\n@see #description(String)",
  "deprecated" : false,
  "documentation" : "The description of the <code>UpdateStatus</code>.",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "description",
  "fluentSetterMethodName" : "description",
  "fluentSetterDocumentation" : "The description of the <code>UpdateStatus</code>.",
  "getterDocumentation" : "The description of the <code>UpdateStatus</code>.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "timestampFormat" : null,
  "variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "updateStatus",
    "variableType" : "String",
    "documentation" : "The status of your service software update. This field can take the following values: <code>ELIGIBLE</code>, <code>PENDING_UPDATE</code>, <code>IN_PROGRESS</code>, <code>COMPLETED</code>, and <code>NOT_ELIGIBLE</code>.",
    "simpleType" : "String",
    "variableSetterType" : "String"
  },
  "xmlNameSpaceUri" : null
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Description",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Description",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Description",
"setterDocumentation": "\n<p>The description of the <code>UpdateStatus</code>.</p>\n\n@param description\n\nThe description of the <code>UpdateStatus</code>.",
"setterMethodName": "setDescription",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "description",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "description",
  "variableType": "String",
  "documentation": "<p>The description of the <code>UpdateStatus</code></p>"",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}.
"beanStyleGetterMethodName" : "getAutomatedUpdateDate",
"beanStyleSetterMethodName" : "setAutomatedUpdateDate",
"c2jName" : "AutomatedUpdateDate",
"c2jShape" : "DeploymentCloseDateTimeStamp",
"defaultConsumerFluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
This is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via{@link Instant#builder()}.
When the {@link Consumer} completes,{@link Instant.Builder#build()} is called immediately and its result is passed to{@link #automatedUpdateDate(Instant)}.

When the method calls on a consumer that will call methods on a consumer that will call methods on a Consumer

@see #automatedUpdateDate(Instant)",
"deprecated" : false,
"documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "automatedUpdateDate",
"fluentSetterMethodName" : "automatedUpdateDate",
"fluentSetterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
After this date, we automatically update your service software.

@see #automatedUpdateDate(Instant)",
"getterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@return Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.
After this date, we automatically update your service software.

@see #automatedUpdateDate(Instant)",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AutomatedUpdateDate",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AutomatedUpdateDate",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "AutomatedUpdateDate",
"setterDocumentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>
@param
automatedUpdateDate Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software."
"setterMethodName" : "setAutomatedUpdateDate",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "automatedUpdateDate",
  "variableType" : "java.time.Instant",
  "documentation" : "<p>Timestamp, in Epoch time, until which you can manually request a service software update. After this date, we automatically update your service software.</p>"
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"xmlNameSpaceUri" : null
} ]
,"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "ServiceSoftwareOptions",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",

"variableName" : "serviceSoftwareOptions",
"variableType" : "ServiceSoftwareOptions",
"documentation" : null,
"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
},
"wrapper" : false
},
"SnapshotOptions" : {
"c2jName" : "SnapshotOptions",
"customization" : {
 "artificialResultWrapper" : null,
 "skipGeneratingMarshaller" : false,
 "skipGeneratingModelMarshaller" : false,
 "skipGeneratingUnmarshaller" : false,
 "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours. </p>",
 "enums" : null,
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "members" : [
 "beanStyleGetterMethodName" : "getAutomatedSnapshotStartHour",
 "beanStyleSetterMethodName" : "setAutomatedSnapshotStartHour",
 "c2jName" : "AutomatedSnapshotStartHour",
 "c2jShape" : "IntegerClass",
 "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours. </p>
 This is a convenience that creates an instance of the [link Integer.Builder] avoiding the need to create one manually via [@link Integer.Builder()]{@link Integer.Builder#build()}. When the [@link Consumer]{@link Integer.Builder#build()} is called immediately and its result is passed to [@link #automatedSnapshotStartHour(Integer){@link automatedSnapshotStartHour(Integer)}] a consumer that will call methods on [@link Integer.Builder]{@link Integer.Builder#build()} at return. Returns a reference to this object so that method calls can be chained together.}@link #automatedSnapshotStartHour(Integer){@link #automatedSnapshotStartHour(Integer)}",
 "deprecated" : false,
 "documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours. </p>",
 "enumType" : null,
"eventIdHeader" : false,
"eventIdPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "automatedSnapshotStartHour",
"fluentSetterDocumentation" : "Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified ElasticSearch domain. Default value is \code{0} hours.\/html@param \code{AutomatedSnapshotStartHour} Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified ElasticSearch domain. Default value is \code{0} hours.\/html@returns Returns a reference to this object so that method calls can be chained together. \
"fluentSetterMethodName" : "automatedSnapshotStartHour",
"getterDocumentation" : "Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified ElasticSearch domain. Default value is \code{0} hours.\/html
\return \code{AutomatedSnapshotStartHour} Returns a reference to this object so that method calls can be chained together. \
"getterModel" : {\n "returnType" : "Integer",
 "documentation" : null
 },
"http" : {\n "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : \code{PAYLOAD},
 "marshallLocationName" : "AutomatedSnapshotStartHour",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AutomatedSnapshotStartHour",
 "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : \code{INTEGER},
 "name" : "AutomatedSnapshotStartHour",
 "setterDocumentation" : "Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified ElasticSearch domain. Default value is \code{0} hours.\/html@returns Returns a reference to this object so that method calls can be chained together. \
"setterMethodName" : "AutomatedSnapshotStartHour",
"setterModel" : {\n "returnType" : "Integer",
 "documentation" : null
 },
"http" : {\n "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : \code{PAYLOAD},
 "marshallLocationName" : "AutomatedSnapshotStartHour",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "AutomatedSnapshotStartHour",
 "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : \code{INTEGER},
 "name" : "AutomatedSnapshotStartHour",
 "setterDocumentation" : "Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified ElasticSearch domain. Default value is \code{0} hours.\/html@returns Returns a reference to this object so that method calls can be chained together. \
"setterMethodName" : "AutomatedSnapshotStartHour",
"setterModel" : {\n "returnType" : "Integer",
 "documentation" : null
 },
"http" : {\n "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "AutomatedSnapshotStartHour" : {
    "beanStyleGetterMethodName" : "getAutomatedSnapshotStartHour",
    "beanStyleSetterMethodName" : "setAutomatedSnapshotStartHour",
    "c2jName" : "AutomatedSnapshotStartHour",
    "c2jShape" : "IntegerClass",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\nWhen the [Consumer] completes, [Integer.Builder#build()] is called immediately and its result is passed to [Integer#automatedSnapshotStartHour(Integer)].
@see #automatedSnapshotStartHour(Integer)
@deprecated\n@return Returns a reference to this object so that method calls can be chained together.
"automatedSnapshotStartHour(Integer)"
}
},
"deprecated" : false,
"documentation" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "automatedSnapshotStartHour",
"fluentSetterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>\n"automatedSnapshotStartHour(Integer)"
}
of the specified Elasticsearch domain. Default value is <code>0</code> hours.

@returns

A reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "automatedSnapshotStartHour",
"getterDocumentation" : "Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours."

@returns

Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.

"getterModel" : {
  "returnType" : "Integer",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AutomatedSnapshotStartHour",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AutomatedSnapshotStartHour",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "AutomatedSnapshotStartHour",
"setterDocumentation" : "Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours."

@returns

Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.

"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
  "variableDeclarationType" : "Integer",
  "variableName" : "automatedSnapshotStartHour",
  "variableType" : "Integer",
  "documentation" : null,
  "simpleType" : "Integer",
  "variableSetterType" : "Integer"}
"variable": {
  "variableDeclarationType": "Integer",
  "variableName": "automatedSnapshotStartHour",
  "variableType": "Integer",
  "documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
  "simpleType": "Integer",
  "variableSetterType": "Integer"
},
"xmlNameSpaceUri": null
"nonStreamingMembers": [{
  "beanStyleGetterMethodName": "getAutomatedSnapshotStartHour",
  "beanStyleSetterMethodName": "setAutomatedSnapshotStartHour",
  "c2jName": "AutomatedSnapshotStartHour",
  "c2jShape": "IntegerClass",
  "defaultConsumerFluentSetterDocumentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
This is a convenience that creates an instance of the [@link Integer.Builder](#) avoiding the need to create one manually via [@link Integer#builder()](#). When the [@link Consumer](#) completes, [@link Integer.Builder#build()](#) is called immediately and its result is passed to [@link #automatedSnapshotStartHour(Integer)](#). A consumer that will call methods on [@link Integer.Builder](#) will automatically pass a reference to this object so that method calls can be chained together.

@see #automatedSnapshotStartHour(Integer)

  "deprecated": false,
  "documentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "automatedSnapshotStartHour",
  "fluentSetterDocumentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.
@return Returns a reference to this object so that method calls can be chained together."

  "fluentSetterMethodName": "automatedSnapshotStartHour",
  "getterDocumentation": "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
@param GetAutomatedSnapshotStartHour A consumer that will call methods on [@link Integer.Builder](#) will automatically pass a reference to this object so that method calls can be chained together."

  "getterModel": {
"returnType" : "Integer",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AutomatedSnapshotStartHour",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AutomatedSnapshotStartHour",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INTEGER",
"name" : "AutomatedSnapshotStartHour",
"setterDocumentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.",
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "automatedSnapshotStartHour",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "automatedSnapshotStartHour",
"variableType" : "Integer",
"documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.",
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "automatedSnapshotStartHour",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "automatedSnapshotStartHour",
"variableType" : "Integer",
"documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.",
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "automatedSnapshotStartHour",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Integer",
"variableName" : "automatedSnapshotStartHour",
"variableType" : "Integer",
"documentation" : "<p>Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.</p>
@param automatedSnapshotStartHour Specifies the time, in UTC format, when the service takes a daily automated snapshot of the specified Elasticsearch domain. Default value is <code>0</code> hours.",
"setterMethodName" : "setAutomatedSnapshotStartHour",
"setterModel" : {
"variableDeclarationType" : "Integer",
"variableName" : "automatedSnapshotStartHour",
"variableType" : "Integer",
"documentation" : null,
"simpleType" : "Integer",
"variableSetterType" : "Integer"}
of the specified Elasticsearch domain. Default value is <code>0</code> hours.

```xml
<variable>
  <variableName>snapshotOptions</variableName>
  <documentation>
    Status of a daily automated snapshot.
  </documentation>
</variable>
```

```
"SnapshotOptionsStatus": {
  "c2jName": "SnapshotOptionsStatus",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0,
  },
  "deprecated": false,
  "documentation": "Status of a daily automated snapshot.",
  "enums": null,
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
  "marshaller": null,
  "marshaller": null,
  "members": [ {
```
"beanStyleGetterMethodName": "getOptions",
"beanStyleSetterMethodName": "setOptions",
"c2jName": "Options",
"c2jShape": "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation": "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link SnapshotOptions.Builder} avoiding the need to create one manually via {@link SnapshotOptions#builder()}. When the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to the Consumer a consumer that will call methods on the SnapshotOptions.Builder.

@return Returns a reference to this object so that method calls can be chained together.
@see #options(SnapshotOptions)",
"deprecated": false,
"documentation": "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "options",
"fluentSetterDocumentation": "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
@param options Specifies the daily snapshot options specified for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
",
"getterDocumentation": "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
@return Specifies the daily snapshot options specified for the Elasticsearch domain.
",
"getterModel": {
  "returnType": "SnapshotOptions",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Options",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Options",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
Specifies the daily snapshot options specified for the Elasticsearch domain.

### setterMethodName
`setOptions`

```java
setterDocumentation
```
<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
```

```java
getterDocumentation
```
```java
Setter Documentation
```
```
setOptions
```

```java
Setter Method Name
```
```java
"setOptions"

```java
Variable Documentation
```
```java
"options"

```java
Simple Type
```
```java
"SnapshotOptions"

```java
XML Namespace URI
```
```java
"null"

```java
Bean Style Getter Method Name
```
```java
getStatus`

```java
Bean Style Setter Method Name
```
```java
setStatus`

```java
C2J Name
```
```java
"Status"

```java
C2J Shape
```
```java
"OptionStatus"

```java
Default Consumer Fluent Setter Documentation
```
```java
"<p>Specifies the status of a daily automated snapshot.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}.
```
```
@deprecated
```

```java
return
```
```java
Returns a reference to this object so that method calls can be chained together.
```
```java
@see #status(OptionStatus)
```
```
deprecated
```
```
documentation
```
```
<param name="options">
Specifies the daily snapshot options specified for the Elasticsearch domain.
```
"fluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>
@param status
Specifies the status of a daily automated snapshot.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "status",
"getterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>
@return Specifies the status of a daily automated snapshot.",
"getterModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>
@param status Specifies the status of a daily automated snapshot.",
"setterMethodName" : "setStatus",
"setterModel" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlnsNameSpaceUri" : null
},
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "SnapshotOptions",
    "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
This is a convenience that creates an instance of the `{@link SnapshotOptions.Builder} avoiding the need to create one manually via `{@link SnapshotOptions#builder()}`. When the `{@link Consumer} completes, `{@link SnapshotOptions.Builder#build()}` is called immediately and its result is passed to `{@link SnapshotOptions.Builder#build()}`. When the `{@link Consumer} completes, `{@link SnapshotOptions.Builder#build()}` is called immediately and its result is passed to `{@link SnapshotOptions.Builder#build()}`. When the `{@link Consumer} completes, `{@link SnapshotOptions.Builder#build()}` is called immediately and its result is passed to

```
@link SnapshotOptions.Builder
```

\n@return Returns a reference to this object so that method calls can be chained together.\n
\n@see #options(SnapshotOptions)
"}
,"deprecated" : false,
"documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "options",
"fluentSetterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
\n@param options Specifies the daily snapshot options specified for the Elasticsearch domain.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
\n@return Specifies the daily snapshot options specified for the Elasticsearch domain."
,"getterModel" : {
  "returnType" : "SnapshotOptions",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>@param options Specifies the daily snapshot options specified for the Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : null,
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "SnapshotOptions",
  "variableName" : "options",
  "variableType" : "SnapshotOptions",
  "documentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
  "simpleType" : "SnapshotOptions",
  "variableSetterType" : "SnapshotOptions"
},
"xmlNameSpaceUri" : null
},
"Status" : {
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "OptionStatus",
  "c2jShape" : "OptionStatus",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>@This is a convenience that creates an instance of the [...] avoiding the
When the \{@link Consumer\} completes, \{@link OptionStatus.Builder#build()\} is called immediately and its result is passed to \{@link OptionStatus#status(OptionStatus)\}. Returns a reference to this object so that method calls can be chained together.

Specifies the status of a daily automated snapshot.

Runs an action every day that is specified by the \{@link OptionStatus#status(OptionStatus)\}. The \{@link OptionStatus#status(OptionStatus)\} is a consumer that will call methods on \{@link OptionStatus.Builder\}.

## Constructor

```
public Status(OptionStatus status)
```

### Parameters

- `status`\label{param-status} a consumer that will call methods on \{@link OptionStatus.Builder\}

### Return Value

Returns a reference to this object so that method calls can be chained together.

### See

\{@link OptionStatus#status(OptionStatus)\}
Specifies the status of a daily automated snapshot.

```json
"setterDocumentation": "<p>Specifies the status of a daily automated snapshot.</p>
@param status
Specifies the status of a daily automated snapshot.",
"setterMethodName": "setStatus",
"setterModel": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": null,
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "OptionStatus",
  "variableName": "status",
  "variableType": "OptionStatus",
  "documentation": "<p>Specifies the status of a daily automated snapshot.</p>",
  "simpleType": "OptionStatus",
  "variableSetterType": "OptionStatus"
},
"xmlNameSpaceUri": null}
```

"nonStreamingMembers": [
  {
    "beanStyleGetterMethodName": "getOptions",
    "beanStyleSetterMethodName": "setOptions",
    "c2jName": "Options",
    "c2jShape": "SnapshotOptions",
    "defaultConsumerFluentSetterDocumentation": "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.\nThis is a convenience that creates an instance of the {@link SnapshotOptions.Builder} avoiding the need to create one manually via {@link SnapshotOptions.Builder#builder()}.\nWhen the {@link Consumer} completes, {@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to this method directly and its result is passed to this method.\n@return Returns a reference to this object so that method calls can be chained together.\n@see #options(SnapshotOptions)"
  }]
```

"deprecated": false,
"documentation": "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "options",
"fluentSetterDocumentation": "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
@param options Specifies the daily snapshot options specified for the Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.
@see #options(SnapshotOptions)"
"fluentSetterMethodName": "options"
"getterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
@return Specifies the daily snapshot options specified for the Elasticsearch domain.",
"getterModel" : {
"returnType" : "SnapshotOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p>Specifies the daily snapshot options specified for the Elasticsearch domain.</p>
@param options Specifies the daily snapshot options specified for the Elasticsearch domain.",
"setterMethodName" : "setOptions",
"setterModel" : {
"variableDeclarationType" : "SnapshotOptions",
"variableName" : "options",
"variableType" : "SnapshotOptions",
"documentation" : null,
"simpleType" : "SnapshotOptions",
"variableSetterType" : "SnapshotOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "SnapshotOptions",
"variableName" : "options",
"variableType" : "SnapshotOptions"}
"documentation" : "Specifies the daily snapshot options specified for the Elasticsearch domain.",
"simpleType" : "SnapshotOptions",
"variableSetterType" : "SnapshotOptions"
},
"xmlnsNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "optionStatus",
"defaultConsumerFluentSetterDocumentation" : "Specifies the status of a daily automated snapshot.

This is a convenience that creates an instance of the [@link OptionStatus.Builder] avoiding the need to create one manually via [@link OptionStatus.Builder].

When the [@link Consumer] completes, [@link OptionStatus.Builder#build()] is called immediately and its result is passed to [@link OptionStatus.Builder#build()] is called immediately and its result is passed to [@link OptionStatus].

@see #status(OptionStatus)

@http
@return Returns a reference to this object so that method calls can be chained together.

@deprecated false,
@enumType null,
@eventHeader false,
@eventPayload false,
@fluentEnumGetterMethodName null,
@fluentEnumSetterMethodName null,
@fluentGetterMethodName "status",
@fluentSetterDocumentation "Specifies the status of a daily automated snapshot.

@returns a reference to this object so that method calls can be chained together.

@getterDocumentation "Specifies the status of a daily automated snapshot.

@returns Specifies the status of a daily automated snapshot.

ALLENGELISTENINGWITHC2J
@getterModel
@http
@additionalMarshallingPath null,
@additionalUnmarshallingPath null,
@flattened false,
@greedy false,
@header false,
@isPayload false,
@isStreaming false,
@location null,
@marshallLocation "PAYLOAD",
@marshallLocationName "Status",
@queryString false,
@statusCode false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p>Specifies the status of a daily automated snapshot.</p>\n@param status Specifies the status of a daily automated snapshot.",
"setterMethodName" : "setStatus",
"setterModel" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : null,
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "OptionStatus",
"variableName" : "status",
"variableType" : "OptionStatus",
"documentation" : "<p>Specifies the status of a daily automated snapshot.</p>",
"simpleType" : "OptionStatus",
"variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
}],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Options", "Status" ],
"shapeName" : "SnapshotOptionsStatus",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "SnapshotOptionsStatus",
"variableName" : "snapshotOptionsStatus",
"variableType" : "SnapshotOptionsStatus"
"StartElasticsearchServiceSoftwareUpdateRequest" : {
"c2jName" : "StartElasticsearchServiceSoftwareUpdateRequest",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthUnmarshall" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Container for the parameters to the
<code><a>StartElasticsearchServiceSoftwareUpdate</a></code> operation. Specifies the name of the Elasticsearch
domain that you wish to schedule a service software update on.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
"action" : "StartElasticsearchServiceSoftwareUpdate",
"locationName" : null,
"requestUri" : "/2015-01-01/es/serviceSoftwareUpdate/start",
"target" : null,
"verb" : "POST",
"xmlNameSpaceUri" : null
},
"members" : {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to update to the
latest service software.</p>\n\nThis is a convenience that creates an instance of the \[@link String.Builder\] avoiding
the need to create one manually via \[@link String#builder()\].\n\nWhen the \[@link Consumer\] completes, \[@link String.Builder#build()\] is called immediately and its result is passed to \[@link #domainName(String)\].\n\n@returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)"
"deprecated" : false,
"documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p><p>@param domainName The name of the domain that you want to update to the latest service software.</p><p>@return Returns a reference to this object so that method calls can be chained together.</p>",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p><p>@return The name of the domain that you want to update to the latest service software.</p>",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p><p>@param domainName The name of the domain that you want to update to the latest service software.</p><p>@return The name of the domain that you want to update to the latest service software.</p>",
"setterMethodName" : "setDomainName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "domainName",
"variableType" : "String",
"documentation" : "The name of the domain that you want to update to the latest service software.
\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].\n\nWhen the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #domainName(String)].\n\n@param domainName a consumer that will call methods on [@link String.Builder]\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
"deprecated" : false,
"documentation" : "The name of the domain that you want to update to the latest service software.
\nThe name of the domain that you want to update to the latest service software.
\n@returns Returns a reference to this object so that method calls can be chained together.",
"enumerator" : {
"returnType" : "String",
"documentation" : null
}
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},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "DomainName",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "DomainName",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "The name of the domain that you want to update to the latest service software."
@param domainName The name of the domain that you want to update to the latest service software."
"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "The name of the domain that you want to update to the latest service software."
  "simpleType": "String",
  "variableSetterType": "String"
}.
"xmlns:NameSpaceUri" : null
},

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>
This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()].
When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #domainName(String)].
@<param domainName a consumer that will call methods on [link String.Builder]>
@return Returns a reference to this object so that method calls can be chained together.
@see #domainName(String)
  
  "deprecated" : false,
  "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>
@param domainName The name of the domain that you want to update to the latest service software.
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>
@return The name of the domain that you want to update to the latest service software.",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : false
  }
}
"setterDocumentation" : "<p>The name of the domain that you want to update to the latest service software.</p>\n@param domainName The name of the domain that you want to update to the latest service software.",

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the domain that you want to update to the latest service software.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},

"xmlNameSpaceUri" : null
},

"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainName" ],
"shapeName" : "StartElasticsearchServiceSoftwareUpdateRequest",
"simpleMethod" : false,
"unmarshaller" : null,
"variable" : {
  "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "variableName" : "startElasticsearchServiceSoftwareUpdateRequest",
  "variableType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "documentation" : null,
  "simpleType" : "StartElasticsearchServiceSoftwareUpdateRequest",
  "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateRequest"
},

"wrapper" : false
"StartElasticsearchServiceSoftwareUpdateResponse": {
  "c2jName": "StartElasticsearchServiceSoftwareUpdateResponse",
  "customization": {
    "artifactResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "The result of a <code>StartElasticsearchServiceSoftwareUpdate</code> operation. Contains the status of the update."
},
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [
  {
    "beanStyleGetterMethodName": "getServiceSoftwareOptions",
    "beanStyleSetterMethodName": "setServiceSoftwareOptions",
    "c2jName": "ServiceSoftwareOptions",
    "c2jShape": "ServiceSoftwareOptions",
    "defaultConsumerFluentSetterDocumentation": "The current status of the Elasticsearch service software update.

This is a convenience that creates an instance of the {@link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via {@link ServiceSoftwareOptions#builder()}.

When the {@link Consumer} completes, {@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to {@link #serviceSoftwareOptions(ServiceSoftwareOptions)}.

@param serviceSoftwareOptions a consumer that will call methods on {@link ServiceSoftwareOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #serviceSoftwareOptions(ServiceSoftwareOptions)
"",
    "deprecated": false,
    "documentation": "The current status of the Elasticsearch service software update.

@deprecated"
,"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "serviceSoftwareOptions",
"fluentSetterDocumentation": "The current status of the Elasticsearch service software update.

@deprecated"
,"fluentSetterMethodName": "serviceSoftwareOptions",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [
  {
    "beanStyleGetterMethodName": "getServiceSoftwareOptions",
    "beanStyleSetterMethodName": "setServiceSoftwareOptions",
    "c2jName": "ServiceSoftwareOptions",
    "c2jShape": "ServiceSoftwareOptions",
    "defaultConsumerFluentSetterDocumentation": "The current status of the Elasticsearch service software update.

This is a convenience that creates an instance of the {@link ServiceSoftwareOptions.Builder} avoiding the need to create one manually via {@link ServiceSoftwareOptions#builder()}.

When the {@link Consumer} completes, {@link ServiceSoftwareOptions.Builder#build()} is called immediately and its result is passed to {@link #serviceSoftwareOptions(ServiceSoftwareOptions)}.

@param serviceSoftwareOptions a consumer that will call methods on {@link ServiceSoftwareOptions.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #serviceSoftwareOptions(ServiceSoftwareOptions)
"",
    "deprecated": false,
    "documentation": "The current status of the Elasticsearch service software update.

@deprecated"
,"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "serviceSoftwareOptions",
"fluentSetterDocumentation": "The current status of the Elasticsearch service software update.

@deprecated"
,"fluentSetterMethodName": "serviceSoftwareOptions",
"enums": null,
"errorCode": null,
The current status of the Elasticsearch service software update.

```
"getterMethod": {
  "returnType": "ServiceSoftwareOptions",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "ServiceSoftwareOptions",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "ServiceSoftwareOptions",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "ServiceSoftwareOptions",
"setterDocumentation": "The current status of the Elasticsearch service software update.",
"setterMethodName": "setServiceSoftwareOptions",
"setterModel": {
  "variableDeclarationType": "ServiceSoftwareOptions",
  "variableName": "serviceSoftwareOptions",
  "variableType": "ServiceSoftwareOptions",
  "documentation": null,
  "simpleType": "ServiceSoftwareOptions",
  "variableSetterType": "ServiceSoftwareOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ServiceSoftwareOptions",
  "variableName": "serviceSoftwareOptions",
  "variableType": "ServiceSoftwareOptions",
  "variableName": "serviceSoftwareOptions",
  "variableType": "ServiceSoftwareOptions"
}
```
"documentation" : "The current status of the Elasticsearch service software update.",
"simpleType" : "ServiceSoftwareOptions",
"variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
} ],
"membersAsMap" : {
 "ServiceSoftwareOptions" : {
 "beanStyleGetterMethodName" : "getServiceSoftwareOptions",
 "beanStyleSetterMethodName" : "setServiceSoftwareOptions",
 "c2jName" : "ServiceSoftwareOptions",
 "c2jShape" : "ServiceSoftwareOptions",
 "defaultConsumerFluentSetterDocumentation" : "The current status of the Elasticsearch service software update.
This is a convenience that creates an instance of the [link ServiceSoftwareOptions.Builder] avoiding the need to create one manually via [link ServiceSoftwareOptions#builder()].
When the [link Consumer] completes, [link ServiceSoftwareOptions.Builder#build()] is called immediately and its result is passed to [link ServiceSoftwareOptions(ServiceSoftwareOptions)@param serviceSoftwareOptions a consumer that will call methods on [link ServiceSoftwareOptions.Builder] @return Returns a reference to this object so that method calls can be chained together. @see #serviceSoftwareOptions(ServiceSoftwareOptions)",
 "deprecated" : false,
 "documentation" : "The current status of the Elasticsearch service software update.",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "serviceSoftwareOptions",
 "fluentSetterMethodName" : "serviceSoftwareOptions",
 "getterDocumentation" : "The current status of the Elasticsearch service software update.
@returns a reference to this object so that method calls can be chained together.",
 "getterModel" : {
 "returnType" : "ServiceSoftwareOptions",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "ServiceSoftwareOptions"};
The current status of the Elasticsearch service software update.

The current status of the Elasticsearch service software update.

This is a convenience that creates an instance of the `{@link ServiceSoftwareOptions.Builder}` avoiding the need to create one manually via `{@link ServiceSoftwareOptions#builder()}`. When the `{@link Consumer}` completes, `{@link ServiceSoftwareOptions.Builder#build()}` is called immediately and its result is passed to `{@link ServiceSoftwareOptions(ServiceSoftwareOptions)}`.
A consumer that will call methods on `@link ServiceSoftwareOptions.Builder`. `@return` Returns a reference to this object so that method calls can be chained together.`@see #serviceSoftwareOptions(ServiceSoftwareOptions)`,

"deprecated" : false,
"documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "serviceSoftwareOptions",
"fluentSetterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@param serviceSoftwareOptions The current status of the Elasticsearch service software update.
@return Returns a reference to this object so that method calls can be chained together.",
"getterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@return The current status of the Elasticsearch service software update.",
"getterModel" : {
"returnType" : "ServiceSoftwareOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ServiceSoftwareOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ServiceSoftwareOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ServiceSoftwareOptions",
"setterDocumentation" : "<p>The current status of the Elasticsearch service software update.</p>
@param serviceSoftwareOptions The current status of the Elasticsearch service software update.",
"setterMethodName" : "setServiceSoftwareOptions",
"setterModel" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : null,
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ServiceSoftwareOptions",
  "variableName" : "serviceSoftwareOptions",
  "variableType" : "ServiceSoftwareOptions",
  "documentation" : "<p>The current status of the Elasticsearch service software update.</p>",
  "simpleType" : "ServiceSoftwareOptions",
  "variableSetterType" : "ServiceSoftwareOptions"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StartElasticsearchServiceSoftwareUpdateResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "StartElasticsearchServiceSoftwareUpdateResponse",
  "variableName" : "startElasticsearchServiceSoftwareUpdateResponse",
  "variableType" : "StartElasticsearchServiceSoftwareUpdateResponse",
  "documentation" : null,
  "simpleType" : "StartElasticsearchServiceSoftwareUpdateResponse",
  "variableSetterType" : "StartElasticsearchServiceSoftwareUpdateResponse"
},
"wrapper" : false
},
"StorageType" : {
  "c2jName" : "StorageType",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  }
}
StorageTypes represents the list of storage related types and their attributes that are available for given InstanceType.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder]. When the [Consumer] completes, [String.Builder] is called immediately and its result is passed to [String.Builder] a consumer that will call methods on [String.Builder] returns a reference to this object so that method calls can be chained together.

The new value for the StorageTypeName property for this object. The return value of the StorageTypeName property for this object.

```
@getModel()
public String getStorageTypeName() {
    return this.storageTypeName;
}
```

```
@setModel(String value)
public void setStorageTypeName(String value) {
    this.storageTypeName = value;
}
```

```
@consumer(String.Builder builder)
public void withStorageTypeName(String value) {
    this.withStorageTypeName(new String.Builder().append(value).build());
}
```

```java
public interface StorageTypes {
    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
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public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```

```java
public interface StorageTypes {

    StorageTypeName...}
```
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "StorageTypeName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "StorageTypeName",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "StorageTypeName",
"setterDocumentation": "Sets the value of the StorageTypeName property for this object.

@param storageTypeName The new value for the StorageTypeName property for this object."
"setterMethodName": "setStorageTypeName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "storageTypeName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "storageTypeName",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getStorageSubTypeName",
"beanStyleSetterMethodName": "setStorageSubTypeName",
"c2jName": "StorageSubTypeName",
"c2jShape": "StorageSubTypeName"
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()]. When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #storageSubTypeName(String)].

@param storageSubTypeName a consumer that will call methods on [link String.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #storageSubTypeName(String)",&
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageSubTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.

@param storageSubTypeName The new value for the StorageSubTypeName property for this object.
@return Returns a reference to this object so that method calls can be chained together.
@see #storageSubTypeName(String)",&
"getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.

@return The value of the StorageSubTypeName property for this object.",&
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageSubTypeName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageSubTypeName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType": "STRING",
"name": "StorageSubTypeName",
"setterDocumentation": "Sets the value of the StorageSubTypeName property for this object.\n\n@param storageSubTypeName The new value for the StorageSubTypeName property for this object."

"setterMethodName": "setStorageSubTypeName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "storageSubTypeName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "storageSubTypeName",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
{
  "beanStyleGetterMethodName": "getStorageTypeLimits",
  "beanStyleSetterMethodName": "setStorageTypeLimits",
  "c2jName": "StorageTypeLimits",
  "c2jShape": "StorageTypeLimitList",
  "defaultConsumerFluentSetterDocumentation": "<p>List of limits that are applicable for given storage type.\n\nThis is a convenience that creates an instance of the {@link List<StorageTypeLimit>.Builder} avoiding the need to create one manually via {@link List<StorageTypeLimit>#builder()].\n\nWhen the {@link Consumer} completes, {@link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to {\link #storageTypeLimits(List<StorageTypeLimit>)}.\n\n@param storageTypeLimits a consumer that will call methods on \{\link List<StorageTypeLimit>.Builder\}.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #storageTypeLimits(List<StorageTypeLimit>)",
  "deprecated": false,
  "documentation": "List of limits that are applicable for given storage type.\n\nThis is a convenience that creates an instance of the \{\link List<StorageTypeLimit>.Builder\} avoiding the need to create one manually via \{\link List<StorageTypeLimit>#builder()\}.\n\nWhen the \{\link Consumer\} completes, \{\link List<StorageTypeLimit>.Builder#build()\} is called immediately and its result is passed to \{\link #storageTypeLimits(List<StorageTypeLimit>)}\n\n@param storageTypeLimits a consumer that will call methods on \{\link List<StorageTypeLimit>.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #storageTypeLimits(List<StorageTypeLimit>)",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "storageTypeLimits",
  "fluentSetterDocumentation": "<p>List of limits that are applicable for given storage type.\n\n@param storageTypeLimits List of limits that are applicable for given storage type.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #storageTypeLimits(List<StorageTypeLimit>)",
  "fluentSetterMethodName": "storageTypeLimits",
  "documentation": "List of limits that are applicable for given storage type.\n\nThis is a convenience that creates an instance of the \{\link List<StorageTypeLimit>.Builder\} avoiding the need to create one manually via \{\link List<StorageTypeLimit>#builder()\}.\n\nWhen the \{\link Consumer\} completes, \{\link List<StorageTypeLimit>.Builder#build()\} is called immediately and its result is passed to \{\link #storageTypeLimits(List<StorageTypeLimit>)}\n\n@param storageTypeLimits a consumer that will call methods on \{\link List<StorageTypeLimit>.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #storageTypeLimits(List<StorageTypeLimit>)"
"getterDocumentation" : "<p>List of limits that are applicable for given storage type. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>

@return List of limits that are applicable for given storage type.",

"getterModel" : {
  "returnType" : "java.util.List<StorageTypeLimit>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StorageTypeLimits",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StorageTypeLimits",
  "uri" : false
},

"idempotencyToken" : false,

"list" : true,

"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "StorageTypeLimit",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the StorageTypeLimit.Builder avoiding the need to create one manually via StorageTypeLimit.Builder().

When the Consumer completes, StorageTypeLimit.Builder#build() is called immediately and its result is passed to StorageTypeLimit#member(StorageTypeLimit).

@see StorageTypeLimit.Builder

@@return Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,

"documentation" : "",

"enumType" : null,

"eventHeader" : false,

"eventPayload" : false,

"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.\n\n@\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "member",
"getterDocumentation": "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.",
"getterModel": {
"returnType": "StorageTypeLimit",
"documentation": null
}
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@\n\n@param member The new value for the Member property for this object."
"setterMethodName": "setMember",
"setterModel": {
"variableDeclarationType": "StorageTypeLimit",
"variableName": "member",
"variableType": "StorageTypeLimit",
"documentation": null,
"simpleType": "StorageTypeLimit",
"variableSetterType": "StorageTypeLimit"}
"}
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "StorageTypeLimit",
  "variableName" : "member",
  "variableType" : "StorageTypeLimit",
  "documentation" : "",
  "simpleType" : "StorageTypeLimit",
  "variableSetterType" : "StorageTypeLimit"
},
"xmlNameSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"setterDocumentation" : "List of limits that are applicable for given storage type.
@param storageTypeLimits List of limits that are applicable for given storage type.",
"setterMethodName" : "setStorageTypeLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : null,
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : "List of limits that are applicable for given storage type.
@param storageTypeLimits List of limits that are applicable for given storage type.",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"xmlNameSpaceUri" : null
"membersAsMap" : {
  "StorageSubTypeName" : {
    "beanStyleGetterMethodName" : "getStorageSubTypeName",
    "beanStyleSetterMethodName" : "setStorageSubTypeName",
    "c2jName" : "StorageSubTypeName",
    "c2jShape" : "StorageSubTypeName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.
This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder]
When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [storageSubTypeName(String)].
@see #storageSubTypeName(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "storageSubTypeName",
    "fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.
@param storageSubTypeName The new value for the StorageSubTypeName property for this object.
@return Returns a reference to this object so that method calls can be chained together.
@see #storageSubTypeName(String)",
    "fluentSetterMethodName" : "storageSubTypeName",
    "getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "StorageSubTypeName",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "StorageSubTypeName",
      "uri" : false
    }
  }
}

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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageSubTypeName",
"setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.

@param storageSubTypeName The new value for the StorageSubTypeName property for this object.

@return Returns a reference to this object so that method calls can be chained together.
@see #storageSubTypeName",
"setterMethodName" : "setStorageSubTypeName",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "storageSubTypeName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "storageSubTypeName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,

"StorageTypeLimits" : {
    "beanStyleGetterMethodName" : "getStorageTypeLimits",
    "beanStyleSetterMethodName" : "setStorageTypeLimits",
    "c2jName" : "StorageTypeLimits",
    "c2jShape" : "StorageTypeLimitList",
    "defaultConsumerFluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type. 
This is a convenience that creates an instance of the { @link List<StorageTypeLimit>.Builder} avoiding the need to create one manually via { @link List<StorageTypeLimit>#builder()}. When the { @link Consumer} completes, { @link List<StorageTypeLimit>.Builder#build()} is called immediately and its result is passed to 
{ @link #storageTypeLimits(List<StorageTypeLimit>)}. 
@return Returns a reference to this object so that method calls can be chained together.
@see #storageTypeLimits(List<StorageTypeLimit>)",
    "deprecated" : false,
    "documentation" : "<p>List of limits that are applicable for given storage type. </p>",
    "enumType" : null,
    "eventId" : "false"}
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeLimits",
"fluentSetterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>
@param storageTypeLimits List of limits that are applicable for given storage type.
@return Returns a reference to this object so that method calls can be chained together.,
"fluentSetterMethodName" : "storageTypeLimits",
"getterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>
<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>
@return List of limits that are applicable for given storage type.",
"getterModel" : {
"returnType" : "java.util.List<StorageTypeLimit>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StorageTypeLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageTypeLimits",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "StorageTypeLimit",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the [@link StorageTypeLimit.Builder] avoiding the need to create one manually via [@link StorageTypeLimit.Builder#builder()].\nWhen the [@link Consumer] completes, [@link StorageTypeLimit.Builder#build()] is called immediately and its result is passed to [@link #member(StorageTypeLimit)].\n@param member a consumer that will call methods on [@link
StorageTypeLimit.Builder\n@returns a reference to this object so that method calls can be chained together.\n@see #member(StorageTypeLimit)
  
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n@returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n@returns The value of the Member property for this object."
  
  "getterModel" : [
      "returnType" : "StorageTypeLimit",
      "documentation" : null
  ],
  "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "member",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "member",
      "uri" : false
  },
  "idempotencyToken" : false,
  "isBinary" : false,
  "jsonValue" : false,
  "list" : false,
  "listModel" : null,
  "map" : false,
  "mapModel" : null,
  "marshallingType" : "SDK_POJO",
  "name" : "Member",
  "setterDocumentation" : "Sets the value of the Member property for this object.\n@returns The new value for the Member property for this object."
  
  "setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "StorageTypeLimit",
    "variableName" : "member",
    "variableType" : "StorageTypeLimit",
    "documentation" : null,
    "simpleType" : "StorageTypeLimit",
    "variableSetterType" : "StorageTypeLimit"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "StorageTypeLimit",
    "variableName" : "member",
    "variableType" : "StorageTypeLimit",
    "documentation" : null,
    "simpleType" : "StorageTypeLimit",
    "variableSetterType" : "StorageTypeLimit"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"setterDocumentation" : "<p>List of limits that are applicable for given storage type. </p><@param storageTypeLimits List of limits that are applicable for given storage type."",
"setterMethodName" : "setStorageTypeLimits",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
    "variableName" : "storageTypeLimits",
    "variableType" : "java.util.List<StorageTypeLimit>",
    "documentation" : null,
    "simpleType" : "List<StorageTypeLimit>",
    "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "java.util.List<StorageTypeLimit>",
"variableName" : "storageTypeLimits",
"variableType" : "java.util.List<StorageTypeLimit>",
"documentation" : "List of limits that are applicable for given storage type. ",
"simpleType" : "List<StorageTypeLimit>",
"variableSetterType" : "java.util.Collection<StorageTypeLimit>",
"xmlNameSpaceUri" : null,
"StorageTypeName" : {
"beanStyleGetterMethodName" : "getStorageTypeName",
"beanStyleSetterMethodName" : "setStorageTypeName",
"c2jName" : "StorageTypeName",
"c2jShape" : "StorageTypeName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.

This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String.Builder().

When the Consumer completes, String.Builder#build() is called immediately and its result is passed to String.Builder#storageTypeName(String).

@deprecated" : false,
"documentation" : null,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.

The new value for the StorageTypeName property for this object.

@return Returns a reference to this object so that method calls can be chained together.
@see #storageTypeName(String)",
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "StorageTypeName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "StorageTypeName",
"uri": false
],
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "StorageTypeName",
"setterDocumentation": "Sets the value of the StorageTypeName property for this object.

@param

storageTypeName The new value for the StorageTypeName property for this object.",
"setterMethodName": "setStorageTypeName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "storageTypeName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "storageTypeName",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}]

"nonStreamingMembers": [ {
  "beanStyleGetterMethodName": "getStorageTypeName",
  "beanStyleSetterMethodName": "setStorageTypeName",
  "c2jName": "StorageTypeName",
  "c2jShape": "StorageTypeName",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the StorageTypeName property for this object.

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()]. When the [Consumer] completes, [link

String.Builder#build()} is called immediately and its result is passed to { @link #storageTypeName(String)}.  

@param storageTypeName a consumer that will call methods on { @link String.Builder} 

@returns Returns a reference to this object so that method calls can be chained together. 

@see #storageTypeName(String)

 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "storageTypeName",
 "fluentSetterDocumentation" : "Sets the value of the StorageTypeName property for this object.

@param storageTypeName The new value for the StorageTypeName property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "storageTypeName",
 "getterDocumentation" : "Returns the value of the StorageTypeName property for this object.

@returns The value of the StorageTypeName property for this object.

"getterModel" : {
 "returnType" : "String",
 "documentation" : null
},

 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "StorageTypeName",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "StorageTypeName",
 "uri" : false
},

 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
 "list" : false,
 "listModel" : null,
 "map" : false,
 "mapModel" : null,
 "marshallingType" : "STRING",
 "name" : "StorageTypeName",
 "setterDocumentation" : "Sets the value of the StorageTypeName property for this object."
}
storageTypeName The new value for the StorageTypeName property for this object.

"setterMethodName" : "setStorageTypeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageTypeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,

"beanStyleGetterMethodName" : "getStorageSubTypeName",
"beanStyleSetterMethodName" : "setStorageSubTypeName",
"c2jName" : "StorageSubTypeName",
"c2jShape" : "StorageSubTypeName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.

This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link String#storageSubTypeName(String)],

-@param storageSubTypeName a consumer that will call methods on [@link String.Builder]
-@return Returns a reference to this object so that method calls can be chained together.
-@see storageSubTypeName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageSubTypeName",
"fluentSetterDocumentation" : "Sets the value of the StorageSubTypeName property for this object.

The new value for the StorageSubTypeName property for this object.

-@return Returns a reference to this object so that method calls can be chained together.
-@param storageSubTypeName The value of the StorageSubTypeName property for this object.
-@see storageSubTypeName(String)",
"getterMethodName" : "storageSubTypeName",
"getterDocumentation" : "Returns the value of the StorageSubTypeName property for this object.

The value of the StorageSubTypeName property for this object.

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StorageSubTypeName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageSubTypeName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "StorageSubTypeName",
"setterDocumentation" : "Sets the value of the StorageSubTypeName property for this object. \n\n@param
storageSubTypeName The new value for the StorageSubTypeName property for this object.\n",
"setterMethodName" : "setStorageSubTypeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageSubTypeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "storageSubTypeName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
"defaultConsumerFluentSetterDocumentation" : "List of limits that are applicable for given storage type.

This is a convenience that creates an instance of the List<StorageTypeLimit>.Builder avoiding the need to create one manually via List<StorageTypeLimit>.Builder(). When the Consumer completes, List<StorageTypeLimit>.Builder.build() is called immediately and its result is passed to

When the Consumer completes, List<StorageTypeLimit>.Builder.build() is called immediately and its result is passed to

@link storageTypeLimits(List<StorageTypeLimit>)
@ see storageTypeLimits(List<StorageTypeLimit>)

"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "storageTypeLimits",
"fluentSetterDocumentation" : "List of limits that are applicable for given storage type. @param storageTypeLimits List of limits that are applicable for given storage type.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

"getterModel" : {
"returnType" : "java.util.List<StorageTypeLimit>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "StorageTypeLimits",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "StorageTypeLimits",
"uri" : false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,

"listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
        "beanStyleSetterMethodName" : "setMember",
        "c2jName" : "member",
        "c2jShape" : "StorageTypeLimit",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the @link StorageTypeLimit.Builder\navoiding the need to create one manually via @link StorageTypeLimit#builder().\n\nWhen the @link Consumer completes, @link StorageTypeLimit.Builder#build() is called immediately and its result is passed to @link StorageTypeLimit.Builder\nmember a consumer that will call methods on @link StorageTypeLimit.Builder\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #member(StorageTypeLimit)",
        "deprecated" : false,
        "documentation" : "",
        "enumType" : null,
        "eventHeader" : false,
        "eventPayload" : false,
        "fluentEnumGetterMethodName" : null,
        "fluentEnumSetterMethodName" : null,
        "fluentGetterMethodName" : "member",
        "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
        "fluentSetterMethodName" : "member",
        "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object."
    }
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
}
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "StorageTypeLimit",
  "variableName" : "member",
  "variableType" : "StorageTypeLimit",
  "documentation" : null,
  "simpleType" : "StorageTypeLimit",
  "variableSetterType" : "StorageTypeLimit"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "StorageTypeLimit",
  "variableName" : "member",
  "variableType" : "StorageTypeLimit",
  "documentation" : "",
  "simpleType" : "StorageTypeLimit",
  "variableSetterType" : "StorageTypeLimit"
},
"xmlnsNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "StorageTypeLimit",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "StorageTypeLimit",
"templateImplType" : "java.util.ArrayList<StorageTypeLimit>",
"templateType" : "java.util.List<StorageTypeLimit>"}
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StorageTypeLimits",
"setterDocumentation" : "<p>List of limits that are applicable for given storage type. </p>
@param
storageTypeLimits List of limits that are applicable for given storage type."
"setterMethodName" : "setStorageTypeLimits",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : null,
  "simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<StorageTypeLimit>",
  "variableName" : "storageTypeLimits",
  "variableType" : "java.util.List<StorageTypeLimit>",
  "documentation" : "<p>List of limits that are applicable for given storage type. </p>
"simpleType" : "List<StorageTypeLimit>",
  "variableSetterType" : "java.util.Collection<StorageTypeLimit>"
},
"xmlNameSpaceUri" : null
},
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "StorageType",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "StorageType",
  "variableName" : "storageType",
  "variableType" : "StorageType",
  "documentation" : null,
  "simpleType" : "StorageType",
  "variableSetterType" : "StorageType"
},
"wrapper" : false
},
"StorageTypeLimit" : {
"c2jName" : "StorageTypeLimit",}
"customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
},
"deprecated": false,
"documentation": "<p>Limits that are applicable for given storage type. &lt;/p&gt;",
"enums": null,
"errorCode": null,
"event": false,
"eventStream": false,
"explicitEventPayloadMember": null,
"hasHeaderMember": false,
"hasPayloadMember": false,
"hasStatusCodeMember": false,
"hasStreamingMember": false,
"httpStatusCode": null,
"marshaller": null,
"members": [
    {
        "beanStyleGetterMethodName": "getLimitName",
        "beanStyleSetterMethodName": "setLimitName",
        "c2jName": "LimitName",
        "c2jShape": "LimitName",
        "defaultConsumerFluentSetterDocumentation": "<p> Name of storage limits that are applicable for given storage type. If &lt;code&gt; &lt;a&gt;StorageType&lt;/a&gt; &lt;/code&gt; is ebs, following storage options are applicable &lt;ol&gt; &lt;li&gt;MinimumVolumeSize&lt;/li&gt; Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumVolumeSize&lt;/li&gt; Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumIops&lt;/li&gt; Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MinimumIops&lt;/li&gt; Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;/ol&gt; &lt;/p&gt;&lt;/code&gt; &lt;p&gt;&lt;/p&gt;&lt;p&gt; This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String.Builder#builder()]&lt;/p&gt;&lt;p&gt;When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #limitName(String)].@param limitName a consumer that will call methods on [@link String.Builder]@n@returns Returns a reference to this object so that method calls can be chained together.@n@see #limitName(String)",
        "deprecated": false,
        "documentation": "<p> Name of storage limits that are applicable for given storage type. If &lt;code&gt; &lt;a&gt;StorageType&lt;/a&gt; &lt;/code&gt; is ebs, following storage options are applicable &lt;ol&gt; &lt;li&gt;MinimumVolumeSize&lt;/li&gt; Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumVolumeSize&lt;/li&gt; Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MaximumIops&lt;/li&gt; Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;li&gt;MinimumIops&lt;/li&gt; Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. &lt;/ol&gt; &lt;/p&gt;",
        "enumType": null,
        "eventHeader": false,
        "eventPayload": false,
    }
]}
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitName",
"fluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code><a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol> </p>
@param limitName Name of storage limits that are applicable for given storage type. If <code><a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "limitName",
"getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code><a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol> </p>
@return Name of storage limits that are applicable for given storage type. If <code><a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"setterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a></code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol>
<li>MaximumVolumeSize</li>
Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol>
</p>@param limitName Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a></code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol>
<li>MaximumVolumeSize</li>
Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. 
</li>
<li>MinimumIops</li>
Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</li>
<li>MaximumIops</li>
Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</li>
<li>MinimumIops</li>
Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol>
"setterMethodName" : "setLimitName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "limitName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "limitName",
"variableType" : "String",
"documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>
<a>StorageType</a></code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</ol>
<li>MaximumVolumeSize</li>
Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
</li>
<li>MinimumIops</li>
Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol>"
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getLimitValues",
"beanStyleSetterMethodName" : "setLimitValues",
"c2jName" : "LimitValues",
"c2jShape" : "LimitValueList",
"defaultConsumerFluentSetterDocumentation" : "<p> Values for the <code>StorageTypeLimit$LimitName</code> .
This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the (@link Consumer) completes, (@link List<String>.Builder#build()) is called immediately and its result is passed to (@link #limitValues(List<String>)).
@param limitValues a consumer that will call methods on (@link List<String>).
@return Returns a reference to this object so that method calls can be chained together.(@see #limitValues(List<String>))",
"deprecated" : false,
"documentation" : "<p> Values for the <code>StorageTypeLimit$LimitName</code> .</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitValues",
"fluentSetterDocumentation" : "<p> Values for the <code>StorageTypeLimit$LimitName</code> .

@param limitValues Values for the <code>StorageTypeLimit$LimitName</code> .
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "limitValues",
"getterDocumentation" : "<p> Values for the <code>StorageTypeLimit$LimitName</code> .

@throws UnsupportedOperationException Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return Values for the <code>StorageTypeLimit$LimitName</code> .";
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitValues",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitValues",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "LimitValue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the [ @link String.Builder ] avoiding the need to create one manually via [ @link String#builder() ].\nWhen the [ @link Consumer ] completes, [ @link String.Builder#build() ] is called immediately and its result is passed to [ @link #member(String) ].\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThe new value for the Member property for this object:\n@see #member(String)\n\n\n@see #member(String)",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n\n@see #member(String)\n\n\n@see #member(String)",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
    }
  }
}
"templateType" : "java.util.List<String>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code>.
</p>@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code>.
"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code>.
</p>
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "LimitName" : {
    "beanStyleGetterMethodName" : "getLimitName",
    "beanStyleSetterMethodName" : "setLimitName",
    "c2jName" : "LimitName",
    "c2jShape" : "LimitName",
    "defaultValue.consumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a> </code> is ebs, following storage options are applicable <ol><li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>This is a convenience that creates an instance of the ( @link String.Builder) avoiding the need to create one manually via ( @link String#builder()).When the ( @link Consumer) completes, ( @link String.Builder#build()) is called immediately and its result is passed to ( @link #limitName(String)).
"deprecated" : false,
"documentation" : ":<p> Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type.It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type.It can be empty if it is not applicable. </ol> 

"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitName",
"fluentSetterDocumentation" : ":<p> Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol> 

@param limitName
Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>

@return Returns a reference to this object so that method calls can be chained together.
"fluentSetterDocumentation" : "limitName",
"getterDocumentation" : ":<p> Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>

@return Name of storage limits that are applicable for given storage type. If <code> <a>StorageType</a></code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li> Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <li>MinimumIops</li> Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol>

@Return Returns a reference to this object so that method calls can be chained together.
"getterModel" : { 
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "LimitName",
"setterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>StorageType</code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
<li>MaximumVolumeSize</li>
Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
<li>MaximumIops</li>
Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
<li>MinimumIops</li>
Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol></p>
@param limitName Name of storage limits that are applicable for given storage type. If <code>StorageType</code> is ebs, following storage options are applicable <ol>
<li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
<li>MaximumVolumeSize</li>
Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
<li>MaximumIops</li>
Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
<li>MinimumIops</li>
Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
</ol>".
"setterMethodName" : "setLimitName",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "limitName",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "limitName",
    "variableType" : "String",
    "documentation" : "<p> Name of storage limits that are applicable for given storage type. If <code>&lt;a&gt;StorageType&lt;/a&gt;</code> is ebs, following storage options are applicable <ol> <li>MinimumVolumeSize</li>
Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumVolumeSize</li> Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. <li>MaximumIops</li> Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. </ol> </p>",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"LimitValues" : {
    "beanStyleGetterMethodName" : "getLimitValues",
    "beanStyleSetterMethodName" : "setLimitValues",
    "c2jName" : "LimitValues",
    "c2jShape" : "LimitValueList",
    "defaultConsumerFluentSetterDocumentation" : "<p> Values for the <code>&lt;a&gt;StorageTypeLimit$LimitName&lt;/a&gt;</code>. This is a convenience that creates an instance of the [@link List&lt;String&gt;].Builder avoiding the need to create one manually via [@link List&lt;String&gt;#builder()].

When the [@link Consumer] completes, [@link List&lt;String&gt;.Builder#build()] is called immediately and its result is passed to [@link #limitValues(List&lt;String&gt;)].

@param limitValues a consumer that will call methods on [@link List&lt;String&gt;].Builder
@return Returns a reference to this object so that method calls can be chained together.@see #limitValues(List&lt;String&gt;)",
    "deprecated" : false,
    "documentation" : "<p> Values for the <code>&lt;a&gt;StorageTypeLimit$LimitName&lt;/a&gt;</code>. </p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "limitValues",
    "fluentSetterDocumentation" : "<p> Values for the <code>&lt;a&gt;StorageTypeLimit$LimitName&lt;/a&gt;</code>. </p>
@param limitValues Values for the <code>&lt;a&gt;StorageTypeLimit$LimitName&lt;/a&gt;</code>. 
@return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "limitValues",
    "getterDocumentation" : "<p> Values for the <code>&lt;a&gt;StorageTypeLimit$LimitName&lt;/a&gt;</code>. </p>
@param limitValues Values for the <code>&lt;a&gt;StorageTypeLimit$LimitName&lt;/a&gt;</code>. 
@return Returns a reference to this object so that method calls can be chained together.",
    "getterModel" : {
        "returnType" : "java.util.List&lt;String&gt;",
        "documentation" : null
    }
}
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LimitValues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LimitValues",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "LimitValue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThis is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create
one manually via { @link String#builder() }.\n\nWhen the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #member(String) }.\n\n@see #member(String)",
    "deprecated" : false,
    "documentation" : ",",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@see #member(String)",
    "fluentSetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
    "getterDocumentation" : "Returns the value of the Member property for this object.
\n@return The value of the Member property for this object."
  }
}
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String"}
"variableSetterType" : "String",
],
"xmlNameSpaceUri" : null
],
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
],
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
</p>
@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .",
"setterMethodName" : "setLimitValues",
"setterModel" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "limitValues",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "limitValues",
"variableType" : "java.util.List<String>",
"documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> . </p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [
{"beanStyleGetterMethodName" : "getLimitName",
"beanStyleSetterMethodName" : "setLimitName",
"c2jName" : "LimitName",
"c2jShape" : "LimitName",
"defaultConsumerFluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given
storage type. If `<code><a>StorageType</a></code>` is ebs, following storage options are applicable `<ol>` `<li>MinimumVolumeSize</li>` Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumVolumeSize</li>` Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumIops</li>` Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `<li>MinimumIops</li>` Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `</ol>`

This is a convenience that creates an instance of the `{@link String.Builder}` avoiding the need to create one manually via `{@link String.Builder#builder()}`. When the `{@link Consumer}` completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #limitName(String)}`. A consumer that will call methods on `{@link String.Builder}` `@return` Returns a reference to this object so that method calls can be chained together. `@see` `{@link #limitName(String)}`

"deprecated" : false,
"documentation" : "<p> Name of storage limits that are applicable for given storage type. If `<code><a>StorageType</a></code>` is ebs, following storage options are applicable `<ol>` `<li>MinimumVolumeSize</li>` Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumVolumeSize</li>` Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumIops</li>` Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `<li>MinimumIops</li>` Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `</ol>`

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "null",
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "limitName",
"fluentSetterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If `<code><a>StorageType</a></code>` is ebs, following storage options are applicable `<ol>` `<li>MinimumVolumeSize</li>` Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumVolumeSize</li>` Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumIops</li>` Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `<li>MinimumIops</li>` Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `</ol>`

"getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If `<code><a>StorageType</a></code>` is ebs, following storage options are applicable `<ol>` `<li>MinimumVolumeSize</li>` Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumVolumeSize</li>` Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumIops</li>` Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `<li>MinimumIops</li>` Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `</ol>`

"setterMethodName" : "limitName",
"getterDocumentation" : "<p> Name of storage limits that are applicable for given storage type. If `<code><a>StorageType</a></code>` is ebs, following storage options are applicable `<ol>` `<li>MinimumVolumeSize</li>` Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumVolumeSize</li>` Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. `<li>MaximumIops</li>` Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `<li>MinimumIops</li>` Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. `</ol>`

"@return" Returns a reference to this object so that method calls can be chained together.".".
applicable

- MinimumVolumeSize
  - Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
- MaximumVolumeSize
  - Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
- MaximumIops
  - Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
- MinimumIops
  - Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.

Setter Documentation:

@code

@param limitName
  Name of storage limits that are applicable for given storage type. If <code>StorageType</code> is ebs, following storage options are applicable:

- MinimumVolumeSize
  - Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
- MaximumVolumeSize
  - Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable.
- MaximumIops
  - Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.
- MinimumIops
  - Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable.

@endcode
"setterMethodName": "setLimitName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "limitName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "limitName",
  "variableType": "String",
  "documentation": "<p> Name of storage limits that are applicable for given storage type. If <code>StorageType</code> is ebs, following storage options are applicable:<ol><li>MinimumVolumeSize</li><li>MaximumVolumeSize</li><li>MaximumIops</li><li>MinimumIops</li></ol>Minimum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. Maximum amount of volume size that is applicable for given storage type. It can be empty if it is not applicable. Maximum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. Minimum amount of Iops that is applicable for given storage type. It can be empty if it is not applicable. <ol><li>MinimumVolumeSize</li><li>MaximumVolumeSize</li><li>MaximumIops</li><li>MinimumIops</li></ol>M</p>
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "limitName",
  "variableType": "String",
  "documentation": "<p> Values for the <code>StorageTypeLimit$LimitName</code> . This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()} .
When the {@link Consumer} completes, {@link List<String>.Builder#build()} is called immediately and its result is passed to {@link #limitValues(List<String>)}.<p>
@param limitValues Values for the <code>StorageTypeLimit$LimitName</code> .
@return Returns a reference to this object so that method calls can be chained together.<p>
@see #limitValues(List<String>)
"deprecated": false,
"documentation": "<p> Values for the <code>StorageTypeLimit$LimitName</code> .
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "limitValues",
"fluentSetterDocumentation": "<p> Values for the <code>StorageTypeLimit$LimitName</code> .
"deprecated": false,
Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "limitValues",
"getterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .

Attempts to modify the collection returned by this method will result in an
UnsupportedOperationException.

@return Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .

"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LimitValues",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LimitValues",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"isJson" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "LimitValue",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object. This is a convenience that creates an instance of the
{@link String.Builder} avoiding the need to create
one manually via {@link String#builder()}. When the
{@link Consumer} completes, it is called immediately and its result is passed to
{@link #member(String)}.
@param member a consumer that will call methods on
@link String.Builder
@return Returns a reference to this object so
that method calls can be chained together.
@see #member(String)
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@\n@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@\n@param member The new value for the Member property for this object.\n\n@\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String"}
"variableSetterType" : "String",
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "LimitValues",
"setterDocumentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code>
  <br/>@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
"setterMethodName" : "setLimitValues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "limitValues",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p> Values for the <code> <a>StorageTypeLimit$LimitName</a> </code>
  <br/>@param limitValues Values for the <code> <a>StorageTypeLimit$LimitName</a> </code> .
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
"c2jShape" : "TagKey",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>

This is a convenience that creates an instance of the <code>{@link String.Builder}</code> avoiding the need to create one manually via <code>{@link String#builder()}</code>. When the <code>{@link Consumer}</code> completes, <code>{@link String.Builder#build()}</code> is called immediately and its result is passed to <code>{@link #key(String)}</code>. Returns a reference to this object so that method calls can be chained together.

@see #key(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>

@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>

@returns Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>
@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
]}
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "Value",
"c2jShape" : "TagValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.
\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, the method returns a reference to this object so that method calls can be chained together.
\n@param value a consumer that will call methods on the builder.
\n@see #value(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.
\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, the method returns a reference to this object so that method calls can be chained together.
\n@param value a consumer that will call methods on the builder.
\n@see #value(String)",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
]}
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "Value",
"c2jShape" : "TagValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.
\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, the method returns a reference to this object so that method calls can be chained together.
\n@param value a consumer that will call methods on the builder.
\n@see #value(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.
\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, the method returns a reference to this object so that method calls can be chained together.
\n@param value a consumer that will call methods on the builder.
\n@see #value(String)",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
}
"simple" : true,
"timestampFormat" : null,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

@<paramref name="value">value</paramref> Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

@return Returns a reference to this object so that method calls can be chained together.
</p>

"getterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

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@return Returns a reference to this object so that method calls can be chained together.
</p>

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.<br>
@param value
Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.",  
"setterMethodName" : "setValue",  
"setterModel" : {  
"variableDeclarationType" : "String",  
"variableName" : "value",  
"variableType" : "String",  
"documentation" : null,  
"simpleType" : "String",  
"variableSetterType" : "String"
},  
"simple" : true,  
"timestampFormat" : null,  
"variable" : {  
"variableDeclarationType" : "String",  
"variableName" : "value",  
"variableType" : "String",  
"documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.<br>
@param value<br>
Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.",  
"simpleType" : "String",  
"variableSetterType" : "String"
},  
"xmlNameSpaceUri" : null  
} ],  
"membersAsMap" : {  
"Key" : {  
"beanStyleGetterMethodName" : "getKey",  
"beanStyleSetterMethodName" : "setKey",  
"c2jName" : "Key",  
"c2jShape" : "TagKey",  
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.<br/>
This is a convenience that creates an instance of the {<a href="#link Link" target="_blank">link</a> String.Builder} avoiding the need to create one manually via {<a href="#link Link" target="_blank">link</a> String#builder()}. When the {<a href="#link Link" target="_blank">link</a> Consumer} completes, {<a href="#link Link" target="_blank">link</a> String.Builder#build()} is called immediately and its result is passed to {<a href="#link Link" target="_blank">link</a> #key(String)}.\n@see Returns a reference to this object so that method calls can be chained together.\n@link #key(String)\n@see Returns a reference to this object so that method calls can be chained together.\n@link Consumer\n@see #key(String)\n@deprecated false,  
"documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.<br/>
@enumType null,  
"eventHeader" : false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "key",
"fluentSetterDocumentation": "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.
@return Returns a reference to this object so that method calls can be chained together."
"fluentSetterMethodName": "key",
"getterDocumentation": "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>@return Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached."
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Key",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Key",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>@param key Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached."
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
}
"variableName" : "key",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "key",
"variableType" : "String",
"documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"Value" : {
"beanStyleGetterMethodName" : "getValue",
"beanStyleSetterMethodName" : "setValue",
"c2jName" : "Value",
"c2jShape" : "TagValue",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code><p>/p&gt;&lt;p&gt;This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #value(String)]<p>
@see #value(String)",
"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code><p>/p&gt;&lt;p&gt;This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #value(String)]<p>
@see #value(String)",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "getValue",
"fluentEnumSetterMethodName" : "setValue",
"fluentGetterMethodName" : "value",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code><p>/p&gt;&lt;p&gt;This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #value(String)]<p>
@see #value(String)",
"fluentSetterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code><p>/p&gt;&lt;p&gt;This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #value(String)]<p>
@see #value(String)",
"xmlNameSpaceUri" : null
}

so that method calls can be chained together.

"fluentSetterMethodName" : "value",
"getterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>

@returns Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>

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"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String"}
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

This is a convenience that creates an instance of the [ @link String.Builder ] avoiding the need to create one manually via { @link String.Builder#builder() }. When the [ @link Consumer ] completes, [ @link String.Builder#build() ] is called immediately and its result is passed to [ @link #key(String) ].

When the [ @link String.Builder ] completes, a consumer that will call methods on

<table>
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<tr>
<th>Key</th>
<th>TagKey</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;code&gt;project : Trinity&lt;/code&gt;</td>
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"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>

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"deprecated" : false,
"documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>

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"documentation" : "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>

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<td>&lt;code&gt;cost-center : Trinity&lt;/code&gt;</td>
</tr>
</tbody>
</table>
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Key",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Key",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "variableSetterType": "String"
}
"documentation": "<p>Specifies the <code>TagKey</code>, the name of the tag. Tag keys must be unique for the Elasticsearch domain to which they are attached.</p>",
"simpleType": "String",
"variableSetterType": "String"
},
"xmlNameSpaceUri": null
],
"beanStyleGetterMethodName": "getValue",
"beanStyleSetterMethodName": "setValue",
"c2jName": "Value",
"c2jShape": "TagValue",
"defaultValueFluentSetterDocumentation": "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via [@link String#builder()].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #value(String)].

@see #value(String)
@returns Returns a reference to this object so that method calls can be chained together.

Tags can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

"deprecated": false,
"documentation": "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.</p>

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "value",
"fluentSetterMethodName": "value",
"fluentSetterDocumentation": "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

@returns Returns a reference to this object so that method calls can be chained together.

Tags can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>.

@see #value(String)
@returns Returns a reference to this object so that method calls can be chained together.

Tags can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>. Tags can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>
"},
"http": {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Value",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>\n@param value Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code>\n\n"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "<p>Specifies the <code>TagValue</code>, the value assigned to the corresponding tag key. Tag values can be null and do not have to be unique in a tag set. For example, you can have a key value pair in a tag set of <code>project : Trinity</code> and <code>cost-center : Trinity</code></p>"
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "Key", "Value" ],
"shapeName" : "Tag",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "Tag",
  "variableName" : "tag",
  "variableType" : "Tag",
  "documentation" : null,
  "simpleType" : "Tag",
  "variableSetterType" : "Tag"
},
"wrapper" : false
],
"UpdateElasticsearchDomainConfigRequest" : {
  "c2jName" : "UpdateElasticsearchDomainConfigRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code> operation. Specifies the type and number of instances in the domain cluster.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : {
    "action" : "UpdateElasticsearchDomainConfig",
    "c2jName" : "UpdateElasticsearchDomainConfigRequest",
    "customization" : {
      "artificialResultWrapper" : null,
      "skipGeneratingMarshaller" : false,
      "skipGeneratingModelClass" : false,
      "skipGeneratingUnmarshaller" : false,
      "staxTargetDepthOffset" : 0
    },
    "deprecated" : false,
    "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code> operation. Specifies the type and number of instances in the domain cluster.</p>",
    "enums" : null,
    "errorCode" : null,
    "event" : false,
    "eventStream" : false,
    "explicitEventPayloadMember" : null,
    "hasHeaderMember" : false,
    "hasPayloadMember" : false,
    "hasStatusCodeMember" : false,
    "hasStreamingMember" : false,
    "httpStatusCode" : null,
    "marshaller" : {
      "action" : "UpdateElasticsearchDomainConfig",
      "c2jName" : "UpdateElasticsearchDomainConfigRequest",
      "customization" : {
        "artificialResultWrapper" : null,
        "skipGeneratingMarshaller" : false,
        "skipGeneratingModelClass" : false,
        "skipGeneratingUnmarshaller" : false,
        "staxTargetDepthOffset" : 0
      },
      "deprecated" : false,
      "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code> operation. Specifies the type and number of instances in the domain cluster.</p>",
      "enums" : null,
      "errorCode" : null,
      "event" : false,
      "eventStream" : false,
      "explicitEventPayloadMember" : null,
      "hasHeaderMember" : false,
      "hasPayloadMember" : false,
      "hasStatusCodeMember" : false,
      "hasStreamingMember" : false,
      "httpStatusCode" : null,
      "marshaller" : {
        "action" : "UpdateElasticsearchDomainConfig",
        "c2jName" : "UpdateElasticsearchDomainConfigRequest",
        "customization" : {
          "artificialResultWrapper" : null,
          "skipGeneratingMarshaller" : false,
          "skipGeneratingModelClass" : false,
          "skipGeneratingUnmarshaller" : false,
          "staxTargetDepthOffset" : 0
        },
        "deprecated" : false,
        "documentation" : "<p>Container for the parameters to the <code><a>UpdateElasticsearchDomain</a></code> operation. Specifies the type and number of instances in the domain cluster.</p>",
        "enums" : null,
"locationName": null,
"requestUri": "/2015-01-01/es/domain/{DomainName}/config",
"target": null,
"verb": "POST",
"xmlNameSpaceUri": null
",
"members": [

  "beanStyleGetterMethodName": "getDomainName",
  "beanStyleSetterMethodName": "setDomainName",
  "c2jName": "DomainName",
  "c2jShape": "DomainName",
  "defaultConsumerFluentSetterDocumentation": "The name of the Elasticsearch domain that you are updating. \n This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}. \n When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link domainName(String)\}. \n @param domainName a consumer that will call methods on \{@link String.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #domainName(String)",
  "deprecated": false,
  "documentation": "The name of the Elasticsearch domain that you are updating. \n\n\n@link String.Builder#build()\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "domainName",
  "fluentSetterDocumentation": "The name of the Elasticsearch domain that you are updating. \n\n\n@link String.Builder#build()\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
  "fluentSetterMethodName": "domainName",
  "getterDocumentation": "The name of the Elasticsearch domain that you are updating. \n\n\n\n@return The name of the Elasticsearch domain that you are updating.\n\n@see #domainName(String)",
  "getterModel": {

    "returnType": "String",
    "documentation": null
  },
  "http": {

    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": "uri",
    "marshallLocation": "PATH",
    "marshallLocationName": "DomainName",
    "queryString": false,
    "statusCode": false,
"unmarshallLocationName" : "DomainName",
"uri" : true,
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>
@param
domainName The name of the Elasticsearch domain that you are updating.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
},
"
"getterStyleMethodName" : "getElasticsearchClusterConfig",
"getterStyleModelName" : "getElasticsearchClusterConfig",
"c2jName" : "ElasticsearchClusterConfig",
"c2jShape" : "ElasticsearchClusterConfig",
"defaultConsumerFluentSetterDocumentation" : "<p>The type and number of instances to instantiate for the
domain cluster. </p>
This is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link
ElasticsearchClusterConfig.Builder#builder()}. When the { @link Consumer} completes, { @link
ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link
ElasticsearchClusterConfig(ElasticsearchClusterConfig)}.

@throws
@see
@deprecated
The type and number of instances to instantiate for the domain cluster.

@type ElasticsearchClusterConfig

@return Returns a reference to this object so that method calls can be chained together.

@see ElasticsearchClusterConfig

The type and number of instances to instantiate for the domain cluster.

@type ElasticsearchClusterConfig

@return The type and number of instances to instantiate for the domain cluster.

@see ElasticsearchClusterConfig


"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "EBSOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "EBSOptions",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "EBSOptions",
"setterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>
@param
ebsOptions Specify the type and size of the EBS volume that you want to use. 

"setterMethodName" : "setEbsOptions",
"setterModel" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : null,
  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "EBSOptions",
  "variableName" : "ebsOptions",
  "variableType" : "EBSOptions",
  "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>
"simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSnapshotOptions",
"beanStyleSetterMethodName" : "setSnapshotOptions",
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

This is a convenience that creates an instance of the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link SnapshotOptions#builder()}. When the { @link Consumer} completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link SnapshotOptions(SnapshotOptions)} a consumer that will call methods on { @link SnapshotOptions.Builder}.

@returns { @link SnapshotOptions(SnapshotOptions)}

@deprecated" : false,
"documentation" : "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

This is a convenience that creates an instance of the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link SnapshotOptions#builder()}. When the { @link Consumer} completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link SnapshotOptions(SnapshotOptions)} a consumer that will call methods on { @link SnapshotOptions.Builder}.

@returns { @link SnapshotOptions(SnapshotOptions)}",
"deprecated" : false,
"description" : "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

This is a convenience that creates an instance of the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link SnapshotOptions#builder()}. When the { @link Consumer} completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link SnapshotOptions(SnapshotOptions)} a consumer that will call methods on { @link SnapshotOptions.Builder}.

@returns { @link SnapshotOptions(SnapshotOptions)}",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "snapshotOptions",
"fluentSetterMethodName" : "snapshotOptions",
"getterDocumentation" : "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

This is a convenience that creates an instance of the { @link SnapshotOptions.Builder} avoiding the need to create one manually via { @link SnapshotOptions#builder()}. When the { @link Consumer} completes, { @link SnapshotOptions.Builder#build()} is called immediately and its result is passed to { @link SnapshotOptions(SnapshotOptions)} a consumer that will call methods on { @link SnapshotOptions.Builder}.

@returns { @link SnapshotOptions(SnapshotOptions)}",
"getterModel" : {
"returnType" : "SnapshotOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SnapshotOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SnapshotOptions",
"uri" : false,

"returns" : { @link SnapshotOptions(SnapshotOptions)}

@returns { @link SnapshotOptions(SnapshotOptions)}

@deprecated" : false,
"file" : "SnapshotOptions.java",
"fileName" : "SnapshotOptions.java",
"fullPath" : "SnapshotOptions.java",
"isGeneric" : false,
"isModel" : true,
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "SnapshotOptions",
"setterDocumentation": "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours."

"setterMethodName": "setSnapshotOptions",
"setterModel": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": null,
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": null,
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getVpcOptions",
"beanStyleSetterMethodName": "setVpcOptions",
"c2jName": "VPCOptions",
"c2jShape": "VPCOptions",
"defaultConsumerFluentSetterDocumentation": "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>

This is a convenience that creates an instance of the {@link VPCOptions.Builder} avoiding the need to create one manually via {@link VPCOptions#builder()}. 

When the {@link Consumer} completes, {@link VPCOptions.Builder#build()} is called immediately and its result is passed to {@link VpcOptions(VPCOptions)}.

@param vpcOptions a consumer that will call methods on {@link VPCOptions.Builder} 

@see #vpcOptions(VPCOptions)
"deprecated": false,
Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains.

Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains.

Returns a reference to this object so that method calls can be chained together.

Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains.

Options to specify the subnets and security groups for VPC endpoint. For more information, see Creating a VPC in VPC Endpoints for Amazon Elasticsearch Service Domains.

Returns a reference to this object so that method calls can be chained together.
<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.</p>

```
@<param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

```
@param cognitoOptions a consumer that will call methods on [ @link CognitoOptions.Builder]@return Returns a reference to this object so that method calls can be chained together.@see #cognitoOptions(CognitoOptions)

"deprecated" : false,
"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>
@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodname" : "cognitoOptions",
"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.</p>
@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
"returnType" : "CognitoOptions",
"documentation" : null }
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CognitoOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CognitoOptions",
"uri" : false }
,"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.
@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

"setterMethodName" : "setCognitoOptions",
"setterModel" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : null,
  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "CognitoOptions",
  "variableName" : "cognitoOptions",
  "variableType" : "CognitoOptions",
  "documentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

  "setterMethodName" : "setCognitoOptions",
  "setterModel" : {
    "variableDeclarationType" : "CognitoOptions",
    "variableName" : "cognitoOptions",
    "variableType" : "CognitoOptions",
    "documentation" : null,
    "simpleType" : "CognitoOptions",
    "variableSetterType" : "CognitoOptions"
  },
  "xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getAdvancedOptions",
"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See &lt;a href="/http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.&lt;/p&gt;&lt;p&gt;&lt;/p&gt;&lt;p&gt;&lt;/p&gt;

This is a convenience that creates an instance of the {@link Map<String,String>.Builder} avoiding the need to create one manually via {@link Map<String,String>#builder()}. When the {@link Map<String,String>#builder()} completes, {@link

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Map<String, String> Builder#build() is called immediately and its result is passed to [@link #advancedOptions(Map<String, String>)].\n@param advancedOptions a consumer that will call methods on [Map<String, String> Builder]\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #advancedOptions(Map<String, String>)

"deprecated" : false,
"documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

\n@returns Returns a reference to this object so that method calls can be chained together."
="advancedOptions",
"getterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

\nAttempts to modify the collection returned by this method will result in an UnsupportedOperationException.\n@returns Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

"getterModel" : {
  "returnType" : "java.util.Map<String, String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AdvancedOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AdvancedOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : { 
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String.Builder#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #key(String)}. param key a consumer that will call methods on { @link String.Builder}  @return Returns a reference to this object so that method calls can be chained together. @see #key(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "key",
    "fluentSetterDocumentation" : "Sets the value of the Key property for this object. The new value for the Key property for this object. @return Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "key",
    "getterDocumentation" : "Returns the value of the Key property for this object. @return The value of the Key property for this object."
  } ,
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
}
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "key",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "key",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.",
"setterMethodName": "setKey",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "key",
  "variableType": "String",
  "documentation": ",",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
}
"valueLocationName" : "value",
'valueModel' : {
    "beanStyleGetterMethodName" : "getValue",
    "beanStyleSetterMethodName" : "setValue",
    "c2jName" : "value",
    "c2jShape" : "String",
    "defaultValueSetterDocumentation" : "Sets the value of the Value property for this object. This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link value(String)}. Returns a reference to this object so that method calls can be chained together. See #value(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "value",
    "fluentSetterDocumentation" : "Sets the value of the Value property for this object. Returns a reference to this object so that method calls can be chained together.",
    "fluentSetterMethodName" : "value",
    "getterDocumentation" : "Returns the value of the Value property for this object. The new value for the Value property for this object. Returns a reference to this object so that method calls can be chained together.",
    "getterModel" : {
        "returnType" : "String",
        "documentation" : null
    },
    "http" : {
        "additionalMarshallingPath" : null,
        "additionalUnmarshallingPath" : null,
        "flattened" : false,
        "greedy" : false,
        "header" : false,
        "isPayload" : false,
        "isStreaming" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "value",
        "queryString" : false,
        "statusCode" : false,
        "unmarshallLocationName" : "value",
        "uri" : false
    },
    "idempotencyToken" : false,
    "isBinary" : false,
"nodeValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

@method setAdvancedOptions

@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
"variableName" : "advancedOptions",
"variableType" : "java.util.Map<String,String>",
"documentation" : null,
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>",
  
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>",
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>",
  
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getAccessPolicies",
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "PolicyDocument",
"defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p><p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.</p><p>When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #accessPolicies(String)}.
@param accessPolicies a consumer that will call methods on {@link String.Builder}.
@return Returns a reference to this object so that method calls can be chained together.</p>
@see #accessPolicies(String)",
"deprecated" : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "accessPolicies",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string.
@see #accessPolicies(String)",
"getterModel" : {
  "returnType" : "String",
  
"xmlNameSpaceUri" : null
},

"variableName" : "advancedOptions",
"variableType" : "java.util.Map<String,String>",
"documentation" : null,
"simpleType" : "Map<String,String>",
"variableSetterType" : "java.util.Map<String,String>"
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"isList" : false,
"listModel" : null,
"isMap" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies
IAM access policy as a JSON-formatted string.
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>
", "simpleType" : "String",
  "variableSetterType" : "String"
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AccessPolicies",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AccessPolicies",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"isList" : false,
"listModel" : null,
"isMap" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies
IAM access policy as a JSON-formatted string.
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>
", "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
},
"beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultValueFuntSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>

This is a convenience that creates an instance of the [Map<String,LogPublishingOption>].Builder avoiding the need to create one manually via [Map<String,LogPublishingOption>#builder()].

When the Map<String,LogPublishingOption> is completed, [Map<String,LogPublishingOption>#builder().build()] is called immediately and its result is passed to [Map<String,LogPublishingOption>].

A consumer that will call methods on the Map<String,LogPublishingOption>.Builder returns a reference to this object so that method calls can be chained together.

@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterDocumentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
}
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
{ @link String#builder()}. When the { @link Consumer} completes, { @link String.Builder#build()} is called immediately and its result is passed to { @link #keyAsString(String)}
@return Returns a reference to this object so that method calls can be chained together.
@see #key(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : "LogType",
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "key",
  "fluentEnumSetterMethodName" : "key",
  "fluentGetterMethodName" : "keyAsString",
  "fluentSetterDocumentation" : "Sets the value of the Key property for this object.
The new value for the Key property for this object
@see LogType
@return Returns a reference to this object so that method calls can be chained together.
@see LogType",
  "fluentSetterMethodName" : "key",
  "getterDocumentation" : "Returns the value of the Key property for this object.
If the service returns an enum value that is not available in the current SDK version, { @link #key} will return { @link LogType#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from { @link #keyAsString}.
@return The value of the Key property for this object
@see LogType",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  }
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "key",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "key",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.
@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclaratorType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclaratorType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value"
"valueModel": {
  "beanStyleGetterMethodName": "getValue",
  "beanStyleSetterMethodName": "setValue",
  "c2jName": "value",
  "c2jShape": "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object. This is a convenience that creates an instance of the \{ @link LogPublishingOption.Builder \} avoiding the need to create one manually via \{ @link LogPublishingOption.Builder() \}. When the \{ @link Consumer \} completes, \{ @link LogPublishingOption.Builder#build() \} is called immediately and its result is passed to \{ @link LogPublishingOption#value(LogPublishingOption) \}.\n@param value a consumer that will call methods on \{ @link LogPublishingOption.Builder \}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #value(LogPublishingOption)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "value",
  "fluentSetterDocumentation": "Sets the value of the Value property for this object.\n@param value The new value for the Value property for this object.\n@return Returns a reference to this object so that method calls can be chained together.\n",
  "fluentSetterMethodName": "value",
  "getterDocumentation": "Returns the value of the Value property for this object.\n@return The value of the Value property for this object."
  "getterModel": {
    "returnType": "LogPublishingOption",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "value",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "value",
    "uri": false
  },
  "idempotencyToken": false,
  "isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Value",
"setterDocumentation": "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.",
"setterMethodName": "setValue",
"setterModel": {
  "variableDeclarationType": "LogPublishingOption",
  "variableName": "value",
  "variableType": "LogPublishingOption",
  "documentation": null,
  "simpleType": "LogPublishingOption",
  "variableSetterType": "LogPublishingOption"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "LogPublishingOption",
  "variableName": "value",
  "variableType": "LogPublishingOption",
  "documentation": null,
  "simpleType": "LogPublishingOption",
  "variableSetterType": "LogPublishingOption"
},
"xmlNameSpaceUri": null,
"entryType": "Map.Entry<String, LogPublishingOption>",
"templateType": "java.util.Map<String,LogPublishingOption>"
},
"marshallingType": "MAP",
"name": "LogPublishingOptions",
"setterDocumentation": "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p><p>@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.”,
"setterMethodName": "setLogPublishingOptionsWithStrings",
"setterModel": {
  "variableDeclarationType": "java.util.Map<String,LogPublishingOption>",
  "variableName": "logPublishingOptions",
  "variableType": "java.util.Map<String,LogPublishingOption>",
  "documentation": null,
  "simpleType": "Map<String,LogPublishingOption>",
  "variableSetterType": "java.util.Map<String,LogPublishingOption>"
}
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,LogPublishingOption>",
  "variableName" : "logPublishingOptions",
  "variableType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log."",
  "simpleType" : "Map<String,LogPublishingOption>",
  "variableSetterType" : "java.util.Map<String,LogPublishingOption>"
},
"xmlnsNameSpaceUri" : null
},
"membersAsMap" : {
  "AccessPolicies" : {
    "beanStyleGetterMethodName" : "getAccessPolicies",
    "beanStyleSetterMethodName" : "setAccessPolicies",
    "c2jName" : "AccessPolicies",
    "c2jShape" : "PolicyDocument",
    "defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #accessPolicies(String)}.<p>@param accessPolicies a consumer that will call methods on {@link String.Builder}.
@return Returns a reference to this object so that method calls can be chained together.</p><p>@see #accessPolicies(String)
@deprecated"
  },
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "accessPolicies",
  "fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@getDocumentation" : null,
  "getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
IAM access policy as a JSON-formatted string",
"setterMethodName" : "setAccessPolicies",
"setterModel" : { 
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : { 
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p> IAM access policy as a JSON-formatted string.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"AdvancedOptions" : { 
  "beanStyleGetterMethodName" : "getAdvancedOptions",
  "beanStyleSetterMethodName" : "setAdvancedOptions",
  "c2jName" : "AdvancedOptions",
  "c2jShape" : "AdvancedOptions"}
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #key(String)}.\n\n@see #key(String)\n\n@deprecated: false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumerableMethodName" : "null",
  "fluentEnumerableSetterMethodName" : null,
  "fluentGetMethod" : "key",
  "fluentGetSetterDocumentation" : "Sets the value of the Key property for this object.\n\nThe new value for the Key property for this object:\n\n@see #key(String)\n\n@return Returns a reference to this object so that method calls can be chained together."
}
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.
\n@return The value of the Key property for this object.",
"getterModel" : { 
  "returnType" : "String",
  "documentation" : null
},
"http" : { 
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.
\n@param key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : { 
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : { 
  "variableDeclarationType" : "String",
  "variableName" : "key"}
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
}
,"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
 "beanStyleGetterMethodName" : "getValue",
 "beanStyleSetterMethodName" : "setValue",
 "c2jName" : "value",
 "c2jShape" : "String",
 "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.
This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()].

When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #value(String)].

@see #value(String)",
 "deprecated" : false,
 "documentation" : "",
 "enumType" : null,
 "eventHeader" : false,
 "eventPayload" : false,
 "fluentEnumGetterMethodName" : null,
 "fluentEnumSetterMethodName" : null,
 "fluentGetterMethodName" : "value",
 "fluentSetterDocumentation" : "Sets the value of the Value property for this object.

The new value for the Value property for this object.

@see #value(String)",
 "fluentSetterMethodName" : "value",
 "getterDocumentation" : "Returns the value of the Value property for this object.

The value of the Value property for this object.

@see #value(String)",
 "getterModel" : {
 "returnType" : "String",
 "documentation" : null
 },
 "http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "value"}
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "value",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@\n\n@param value The new value for the Value property for this object.\n\nsetterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createupdatedomains" target="_blank">Configuration Advanced Options</a> for more information.</p>\n\n@\n\n@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to
individual sub-resources. By default, the value is `<code>true</code>`. See `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a>` for more information.

```
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a>` for more information.</p>

"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a></p>

This is a convenience that creates an instance of the {<link CognitoOptions.Builder} avoiding the need to create one manually via {<link CognitoOptions#builder()}. When the {<link Consumer} completes, {<link CognitoOptions.Builder#build()} is called immediately and its result is passed to {<link CognitoOptions(CognitoOptions)}.<link Consumer#return> Returns a reference to this object so that method calls can be chained together.<link Consumer#@see> #cognitoOptions(CognitoOptions)

"deprecated" : false,
"documentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see `<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a></p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "cognitoOptions",
"fluentSetterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. </p>
@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.<p>@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "cognitoOptions",
"getterDocumentation" : "<p>Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>. </p>
@return Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.",
"getterModel" : {
"returnType" : "CognitoOptions",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "CognitoOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "CognitoOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html).
"fluentSetterDocumentation": "<p>The name of the Elasticsearch domain that you are updating.
</p>@param domainName The name of the Elasticsearch domain that you are updating.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "domainName",
"getterDocumentation": "<p>The name of the Elasticsearch domain that you are updating. </p>
@return The name of the Elasticsearch domain that you are updating.",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
"additionalMarshallingPath": null,
"additionalUnmarshallingPath": null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": "uri",
"marshallLocation": "PATH",
"marshallLocationName": "DomainName",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "DomainName",
"uri": true
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "<p>The name of the Elasticsearch domain that you are updating. </p>
@param domainName The name of the Elasticsearch domain that you are updating.
@return The name of the Elasticsearch domain that you are updating.",
"setterMethodName": "setDomainName",
"setterModel": {
"variableDeclarationType": "String",
"variableName": "domainName",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "<p>The name of the Elasticsearch domain that you are updating. </p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"EBSOptions" : {
  "beanStyleGetterMethodName" : "getEbsOptions",
  "beanStyleSetterMethodName" : "setEbsOptions",
  "c2jName" : "EBSOptions",
  "c2jShape" : "EBSOptions",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>
This is a convenience that creates an instance of the @link EBSOptions.Builder avoiding the
need to create one manually via @link EBSOptions#builder().
When the @link Consumer completes, 
@link EBSOptions.Builder#build() is called immediately and its result is passed to @link 
ebsOptions(EBSOptions). @param ebsOptions a consumer that will call methods on @link 
EBSOptions.Builder
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsOptions(EBSOptions)",
  "deprecated" : false,
  "documentation" : "<p>Specify the type and size of the EBS volume that you want to use. </p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "ebsOptions",
  "fluentSetterMethodName" : "ebsOptions",
  "fluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>
@param ebsOptions Specify the type and size of the EBS volume that you want to use.
@return Returns a reference to this object so that method calls can be chained together.
".,
  "getterDocumentation" : "<p>Specify the type and size of the EBS volume that you want to use.
</p>
@returns Specify the type and size of the EBS volume that you want to use.
".,
  "getterModel" : {
    "returnType" : "EBSOptions",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
<p>Specify the type and size of the EBS volume that you want to use.</p>

```java
@Param ebsOptions Specify the type and size of the EBS volume that you want to use.
```

```java
setterMethodName" : "setEbsOptions",
```

```java
setterModel" : {

```

```java
ElasticsearchClusterConfig" : {

```

```java
ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via {
```
ElasticsearchClusterConfig#builder().

When the {@link Consumer} completes, {@link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to {@link ElasticsearchClusterConfig(ElasticsearchClusterConfig)}.

@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)

@param elasticsearchClusterConfig a consumer that will call methods on {@link ElasticsearchClusterConfig.Builder}
@return Returns a reference to this object so that method calls can be chained together.

ElasticsearchClusterConfig#builder()
"setterDocumentation": "<p>The type and number of instances to instantiate for the domain cluster.</p>
@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster.",

"setterMethodName": "setElasticsearchClusterConfig",

"setterModel": {
  "variableDeclarationType": "ElasticsearchClusterConfig",
  "variableName": "elasticsearchClusterConfig",
  "variableType": "ElasticsearchClusterConfig",
  "documentation": null,
  "simpleType": "ElasticsearchClusterConfig",
  "variableSetterType": "ElasticsearchClusterConfig"
},

"simple": false,

"timestampFormat": null,

"variable": {
  "variableDeclarationType": "ElasticsearchClusterConfig",
  "variableName": "elasticsearchClusterConfig",
  "variableType": "ElasticsearchClusterConfig",
  "documentation": "<p>The type and number of instances to instantiate for the domain cluster.</p>",
  "simpleType": "ElasticsearchClusterConfig",
  "variableSetterType": "ElasticsearchClusterConfig"
},

"xmlNameSpaceUri": null

"LogPublishingOptions": {
  "beanStyleGetterMethodName": "$LogPublishingOptionsAsStrings",
  "beanStyleSetterMethodName": "$LogPublishingOptionsWithStrings",
  "c2jName": "LogPublishingOptions",
  "c2jShape": "LogPublishingOptions",
  "defaultConsumerFluentSetterDocumentation": "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>

This is a convenience that creates an instance of the {
  "LogPublishingOption"\n  \n  builder()}

When the {
  Consumer\n  completes, \n  {
  Map\n  \n  builder()\n  }\n
is called immediately and its result is passed to {
  \n  Map\n  \n  builder()\n  }\n
a consumer that will call methods on {
  Map\n  \n  builder()\n  }\n
\n  Returns a reference to this object so that method calls can be chained together.\n  \n  @see $LogPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
  "deprecated": false,
  "documentation": "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": "$LogPublishingOptions",
  "fluentEnumSetterMethodName": "$LogPublishingOptions",
  "fluentGetterMethodName": "$LogPublishingOptionsAsStrings",
  "fluentSetterDocumentation": "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>"
<code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "logPublishingOptionsWithStrings",

"getterDocumentation" : "Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.

"getterModel" : {
  "returnType" : "java.util.Map<String,LogPublishingOption>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "LogPublishingOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "LogPublishingOptions",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : true,

"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKeyAsString",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
    "c2jShape" : "LogType",
    "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String.Builder#build()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called
immediately and its result is passed to \{[@link #keyAsString(String)]\}.\n\n@e...
"setterDocumentation" : "Sets the value of the Key property for this object.\n\n@param key The new value for the Key property for this object.\n\n@see LogType",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "LogPublishingOption",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\nThis is a convenience that creates an instance of the {@link LogPublishingOption.Builder} avoiding the need to create one manually via {@link LogPublishingOption#builder()}.\n\nWhen the {@link Consumer} completes, {@link LogPublishingOption.Builder#build()} is called immediately and its result is passed to {@link #value(LogPublishingOption)}\n\n@param value a consumer that will call methods on {@link LogPublishingOption.Builder}\n\n@see #value(LogPublishingOption)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@see #value(LogPublishingOption)",
  "fluentSetterMethodName" : "value",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@see #value(LogPublishingOption)",
  "fluentSetterMethodName" : "value",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@see #value(LogPublishingOption)",
  "fluentSetterMethodName" : "value",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@see #value(LogPublishingOption)",
  "fluentSetterMethodName" : "value",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@see #value(LogPublishingOption)",
  "fluentSetterMethodName" : "value",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@see #value(LogPublishingOption)",
  "fluentSetterMethodName" : "value",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@see #value(LogPublishingOption)",
  "fluentSetterMethodName" : "value",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.\n\n@see #value(LogPublishingOption)",
  "fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.

@return The value of the Value property for this object.",
"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.

@param value The new value for the Value property for this object."

"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption"
"documentation" : "",  
"simpleType" : "LogPublishingOption",  
"variableSetterType" : "LogPublishingOption"  
],  
"xmlNameSpaceUri" : null  
},  
"entryType" : "Map.Entry<String, LogPublishingOption>",  
"templateType" : "java.util.Map<String, LogPublishingOption>"  
},  
"marshallingType" : "MAP",  
"name" : "LogPublishingOptions",  
"setterDocumentation" : "<p>Map of &lt;code&gt;LogType&lt;/code&gt; and &lt;code&gt;LogPublishingOption&lt;/code&gt;, each containing options to publish a given type of Elasticsearch log.&lt;/p&gt;&lt;param logPublishingOptions Map of &lt;code&gt;LogType&lt;/code&gt; and &lt;code&gt;LogPublishingOption&lt;/code&gt;, each containing options to publish a given type of Elasticsearch log."",  
"setterMethodName" : "setLogPublishingOptionsWithStrings",  
"setterModel" : {  
 "variableDeclarationType" : "java.util.Map<String, LogPublishingOption>",  
 "variableName" : "logPublishingOptions",  
 "variableType" : "java.util.Map<String, LogPublishingOption>",  
 "documentation" : null,  
 "simpleType" : "Map<String, LogPublishingOption>",  
 "variableSetterType" : "java.util.Map<String, LogPublishingOption>"  
},  
"simple" : false,  
"timestampFormat" : null,  
"variable" : {  
 "variableDeclarationType" : "java.util.Map<String, LogPublishingOption>",  
 "variableName" : "logPublishingOptions",  
 "variableType" : "java.util.Map<String, LogPublishingOption>",  
 "documentation" : <p>Map of &lt;code&gt;LogType&lt;/code&gt; and &lt;code&gt;LogPublishingOption&lt;/code&gt;, each containing options to publish a given type of Elasticsearch log.&lt;/p&gt;">",  
 "simpleType" : "Map&lt;String, LogPublishingOption&gt;",  
 "variableSetterType" : "java.util.Map&lt;String, LogPublishingOption&gt;"  
},  
"xmlNameSpaceUri" : null  
},  
"SnapshotOptions" : {  
 "beanStyleGetterMethodName" : "getSnapshotOptions",  
 "beanStyleSetterMethodName" : "setSnapshotOptions",  
 "c2jName" : "SnapshotOptions",  
 "c2jShape" : "SnapshotOptions",  
 "defaultConsumerFluentSetterDocumentation" : "&lt;p&gt;Option to set the time, in UTC format, for the daily automated snapshot. Default value is &lt;code&gt;0&lt;/code&gt; hours. &lt;/p&gt;&lt;param snapshotOptions a consumer that will call methods on &lt;link 

SnapshotOptions.Builder{
@return Returns a reference to this object so that method calls can be chained
together.\n@see #snapshotOptions(SnapshotOptions)",
  "deprecated": false,
  "documentation": "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "snapshotOptions",
  "fluentSetterDocumentation": "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>\n@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName": "snapshotOptions",
  "getterDocumentation": "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. </p>
@return Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours.,
  "getterModel": {
    "returnType": "SnapshotOptions",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "SnapshotOptions",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "SnapshotOptions",
    "uri": false
  },
  "idempotencyToken": false,
  "isBinary": false,
  "jsonValue": false,
  "list": false,
  "listModel": null,
  "map": false,
  "mapModel": null,
  "marshallingType": "SDK_POJO",
  "name": "SnapshotOptions","
"setterDocumentation": "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

"setterMethodName": "setSnapshotOptions",
"getterMethodName": "getSnapshotOptions",
"setterModel": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": null,
  "simpleType": "SnapshotOptions",
  "variableSetterType": "SnapshotOptions"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "SnapshotOptions",
  "variableName": "snapshotOptions",
  "variableType": "SnapshotOptions",
  "documentation": "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

"simpleType": "SnapshotOptions",
"variableSetterType": "SnapshotOptions"
},
"xmlNameSpaceUri": null

"VPCOptions": {
  "beanStyleGetterMethodName": "getVpcOptions",
  "beanStyleSetterMethodName": "setVpcOptions",
  "c2jName": "VPCOptions",
  "c2jShape": "VPCOptions",
  "defaultConsumerFluentSetterDocumentation": "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>/

This is a convenience that creates an instance of the {@link VPCOptions.Builder} avoiding the need to create one manually via {@link VPCOptions#builder()}.\n\nWhen the {@link Consumer} completes, {@link VPCOptions.Builder#build()} is called immediately and its result is passed to {@link #vpcOptions(VPCOptions)}.\n\n@deprecated
"documentation": "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>/

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcOptions",
"fluentSetterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>

@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>

@return Returns a reference to this object so that method calls can be chained together.",

"fluentSetterMethodName" : "vpcOptions",

"getterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>

@return Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>

"getterModel" : {
  "returnType" : "VPCOptions",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : false,

"mapModel" : null,

"marshallingType" : "SDK_POJO",

"name" : "VPCOptions",

"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more
Creating a VPC</i> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

```java
"setterMethodName" : "setVpcOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCOptions",
  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>.

```

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating. This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String.Builder}(). When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.

```

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating.

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating.

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating.

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating.

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating.

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating.

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating.

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating.

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"documentation" : "The name of the Elasticsearch domain that you are updating.

```java
"setterMethodName" : "setDomainName",
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultValue" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating.\n@return Returns a reference to this object so that method calls can be chained together.\n</p>\n@param domainName The name of the Elasticsearch domain that you are updating.\n@return The name of the Elasticsearch domain that you are updating.\n"getterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating.\n\n@return The name of the Elasticsearch domain that you are updating.\n"getterModel" : {\n"returnType" : "String",\n"documentation" : null\n},
"http" : {\n"additionalMarshallingPath" : null,\n"additionalUnmarshallingPath" : null,\n"flattened" : false,\n"greedy" : false,\n"header" : false,\n"isPayload" : false,\n"isStreaming" : false,\n"location" : "uri",\n"marshallLocation" : "PATH",\n"marshallLocationName" : "DomainName",\n"queryString" : false,\n"statusCode" : false,\n"unmarshallLocationName" : "DomainName",\n"uri" : true\n},\n"idempotencyToken" : false,\n"isBinary" : false,\n"jsonValue" : false,\n"list" : false,\n"listModel" : null,\n"map" : false,\n"mapModel" : null,\n"marshallingType" : "STRING",\n"name" : "DomainName",\n"setterDocumentation" : "<p>The name of the Elasticsearch domain that you are updating.\n\n@param domainName The name of the Elasticsearch domain that you are updating.\n\n@returns A reference to this object so that method calls can be chained together.\n"setterMethodName" : "setDomainName",\n"setterModel" : {\n"variableDeclarationType" : "String",\n"variableName" : "domainName",\n"variableType" : "String",\n"documentation" : null,\n"simpleType" : "String",\n"variableSetterType" : "String"\n}},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": "<p>The name of the Elasticsearch domain that you are updating. </p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},
  "beanStyleGetterMethodName": "getElasticsearchClusterConfig",
  "beanStyleSetterMethodName": "setElasticsearchClusterConfig",
  "c2jName": "ElasticsearchClusterConfig",
  "c2jShape": "ElasticsearchClusterConfig",
  "defaultConsumerFluentSetterDocumentation": "<p>The type and number of instances to instantiate for the domain cluster.</p>\n\nThis is a convenience that creates an instance of the { @link ElasticsearchClusterConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchClusterConfig#builder()}.\n\nWhen the { @link Consumer} completes, { @link ElasticsearchClusterConfig.Builder#build()} is called immediately and its result is passed to { @link ElasticsearchClusterConfig(ElasticsearchClusterConfig)}.\n\n@param elasticsearchClusterConfig a consumer that will call methods on { @link ElasticsearchClusterConfig.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #elasticsearchClusterConfig(ElasticsearchClusterConfig)"
  "deprecated": false,
  "documentation": "<p>The type and number of instances to instantiate for the domain cluster.</p>",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "elasticsearchClusterConfig",
  "fluentSetterDocumentation": "<p>The type and number of instances to instantiate for the domain cluster.</p>\n\n@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster.\n\n@return Returns a reference to this object so that method calls can be chained together."
  "getterDocumentation": "<p>The type and number of instances to instantiate for the domain cluster.</p>"
  "getterModel": {
    "returnType": "ElasticsearchClusterConfig",
    "documentation": null
  },
  "http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ElasticsearchClusterConfig",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ElasticsearchClusterConfig",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "ElasticsearchClusterConfig",
"setterDocumentation" : "<p>The type and number of instances to instantiate for the domain cluster.</p>
@param elasticsearchClusterConfig The type and number of instances to instantiate for the domain cluster.
",
"setterMethodName" : "setElasticsearchClusterConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchClusterConfig",
  "variableName" : "elasticsearchClusterConfig",
  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
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  "variableType" : "ElasticsearchClusterConfig",
  "documentation" : "<p>The type and number of instances to instantiate for the domain cluster.
",
  "simpleType" : "ElasticsearchClusterConfig",
  "variableSetterType" : "ElasticsearchClusterConfig"
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"xmlNameSpaceUri" : null
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"beanStyleGetterMethodName" : "getEbsOptions",
"beanStyleSetterMethodName" : "setEbsOptions",
"c2jName" : "EBSOptions",
"c2jShape" : "EBSOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Specify the type and size of the EBS volume that you
This is a convenience that creates an instance of the [EBSOptions.Builder](#link EBSOptions.Builder) avoiding the need to create one manually via [EBSOptions#builder()](#link EBSOptions#builder()). When the [Consumer](#link Consumer) completes, [EBSOptions.Builder#build()](#link EBSOptions.Builder#build()) is called immediately and its result is passed to [EBSOptions.Builder](#link EBSOptions.Builder).\n
@return Returns a reference to this object so that method calls can be chained together.
@see #ebsOptions(EBSOptions)

### documentation

<p>Specify the type and size of the EBS volume that you want to use. </p>

@param ebsOptions Specify the type and size of the EBS volume that you want to use.
@return Returns a reference to this object so that method calls can be chained together.\n
## fluentSetterMethodName

``

"fluentSetterMethodName": "ebsOptions",
``

### getterDocumentation

``

"getterDocumentation": "<p>Specify the type and size of the EBS volume that you want to use. </p>

@param ebsOptions Specify the type and size of the EBS volume that you want to use.
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### getterModel

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"getterModel": {

"returnType": "EBSOptions",

"documentation": null

},
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### http

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"header": false,

"isPayload": false,

"isStreaming": false,

"location": null,

"marshallLocation": "PAYLOAD",

"marshallLocationName": "EBSOptions",

"queryString": false,

"statusCode": false,

"unmarshallLocationName": "EBSOptions",

"uri": false

},
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### idempotencyToken

false

### isBinary

false

### jsonValue

false

### list

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### listModel

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### map

false

### mapModel

null

### marshallingType

"SDK_POJO"
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@param ebsOptions Specify the type and size of the EBS volume that you want to use."
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  "variableName" : "ebsOptions",
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  "variableType" : "EBSOptions",
  "documentation" : "Specify the type and size of the EBS volume that you want to use.
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  "simpleType" : "EBSOptions",
  "variableSetterType" : "EBSOptions"
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"xmlNameSpaceUri" : null,

"beanStyleGetterMethodName" : "getSnapshotOptions",
"beanStyleSetterMethodName" : "setSnapshotOptions",
"c2jName" : "SnapshotOptions",
"c2jShape" : "SnapshotOptions",
"defaultConsumerFluentSetterDocumentation" : "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

This is a convenience that creates an instance of the {
@link SnapshotOptions.Builder} avoiding the need to create one manually via {
@link SnapshotOptions#builder()}. 

When the {
@link Consumer} completes, {
@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {
@link SnapshotOptions(SnapshotOptions)}.

@see #snapshotOptions(SnapshotOptions)
@return Returns a reference to this object so that method calls can be chained together.

deprecated" : false,
"documentation" : "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

This is a convenience that creates an instance of the {
@link SnapshotOptions.Builder} avoiding the need to create one manually via {
@link SnapshotOptions#builder()}. 

When the {
@link Consumer} completes, {
@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {
@link SnapshotOptions(SnapshotOptions)}.

@see #snapshotOptions(SnapshotOptions)
@return Returns a reference to this object so that method calls can be chained together.

deprecated" : false,
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"fluentEnumSetterMethodName" : null,
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This is a convenience that creates an instance of the {
@link SnapshotOptions.Builder} avoiding the need to create one manually via {
@link SnapshotOptions#builder()}. 

When the {
@link Consumer} completes, {
@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {
@link SnapshotOptions(SnapshotOptions)}.

@see #snapshotOptions(SnapshotOptions)
@return Returns a reference to this object so that method calls can be chained together.

deprecated" : false,
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"fluentSetterDocumentation" : "Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. 

This is a convenience that creates an instance of the {
@link SnapshotOptions.Builder} avoiding the need to create one manually via {
@link SnapshotOptions#builder()}. 

When the {
@link Consumer} completes, {
@link SnapshotOptions.Builder#build()} is called immediately and its result is passed to {
@link SnapshotOptions(SnapshotOptions)}.

@see #snapshotOptions(SnapshotOptions)
@return Returns a reference to this object so that method calls can be chained together.

deprecated" : false,
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"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
so that method calls can be chained together.

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  "greedy": false,
  "header": false,
  "isPayload": false,
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  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "SnapshotOptions",
  "uri": false
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"idempotencyToken": false,
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"jsonValue": false,
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"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
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"setterDocumentation": "<p>Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours. \n\n@param snapshotOptions Option to set the time, in UTC format, for the daily automated snapshot. Default value is <code>0</code> hours."

"setterMethodname": "setSnapshotOptions",
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  "variableSetterType": "SnapshotOptions"
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  "variableSetterType" : "SnapshotOptions"
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},
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"beanStyleSetterMethodName" : "setVpcOptions",
"c2jName" : "VPCOptions",
"c2jShape" : "VPCOptions",
"defaultConsumerFluentSetterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"">Creating a VPC</a> in \(<i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\)\(</p>\)\(\langle p \rangle \text{This is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions\#builder()\}\. When the \{@link Consumer\} completes, \{@link VPCOptions.Builder\#build()\} is called immediately and its result is passed to \{@link vpcOptions(VPCOptions)\}\. \@param vpcOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\}@see \#vpcOptions(VPCOptions)\",
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  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"">Creating a VPC</a> in \(<i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\)\(</p>\)\(\langle p \rangle \text{This is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions\#builder()\}\. When the \{@link Consumer\} completes, \{@link VPCOptions.Builder\#build()\} is called immediately and its result is passed to \{@link vpcOptions(VPCOptions)\}\. \@param vpcOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\}@see \#vpcOptions(VPCOptions)\",
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  "fluentSetterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"">Creating a VPC</a> in \(<i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\)\(</p>\)\(\langle p \rangle \text{This is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions\#builder()\}\. When the \{@link Consumer\} completes, \{@link VPCOptions.Builder\#build()\} is called immediately and its result is passed to \{@link vpcOptions(VPCOptions)\}\. \@param vpcOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\}@see \#vpcOptions(VPCOptions)\",
  "getterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"">Creating a VPC</a> in \(<i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\)\(</p>\)\(\langle p \rangle \text{This is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions\#builder()\}\. When the \{@link Consumer\} completes, \{@link VPCOptions.Builder\#build()\} is called immediately and its result is passed to \{@link vpcOptions(VPCOptions)\}\. \@param vpcOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\}@see \#vpcOptions(VPCOptions)\",
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  "getterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"">Creating a VPC</a> in \(<i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\)\(</p>\)\(\langle p \rangle \text{This is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions\#builder()\}\. When the \{@link Consumer\} completes, \{@link VPCOptions.Builder\#build()\} is called immediately and its result is passed to \{@link vpcOptions(VPCOptions)\}\. \@param vpcOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\}@see \#vpcOptions(VPCOptions)\",
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  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "vpcOptions",
  "fluentSetterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"">Creating a VPC</a> in \(<i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\)\(</p>\)\(\langle p \rangle \text{This is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions\#builder()\}\. When the \{@link Consumer\} completes, \{@link VPCOptions.Builder\#build()\} is called immediately and its result is passed to \{@link vpcOptions(VPCOptions)\}\. \@param vpcOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\}@see \#vpcOptions(VPCOptions)\",
  "getterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"">Creating a VPC</a> in \(<i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\)\(</p>\)\(\langle p \rangle \text{This is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions\#builder()\}\. When the \{@link Consumer\} completes, \{@link VPCOptions.Builder\#build()\} is called immediately and its result is passed to \{@link vpcOptions(VPCOptions)\}\. \@param vpcOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\}@see \#vpcOptions(VPCOptions)\",
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  "getterDocumentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"">Creating a VPC</a> in \(<i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\)\(</p>\)\(\langle p \rangle \text{This is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions\#builder()\}\. When the \{@link Consumer\} completes, \{@link VPCOptions.Builder\#build()\} is called immediately and its result is passed to \{@link vpcOptions(VPCOptions)\}\. \@param vpcOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\}@see \#vpcOptions(VPCOptions)\",
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  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see \(<a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc" target="_blank"">Creating a VPC</a> in \(<i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>\)\(</p>\)\(\langle p \rangle \text{This is a convenience that creates an instance of the \{@link VPCOptions.Builder\} avoiding the need to create one manually via \{@link VPCOptions\#builder()\}\. When the \{@link Consumer\} completes, \{@link VPCOptions.Builder\#build()\} is called immediately and its result is passed to \{@link vpcOptions(VPCOptions)\}\. \@param vpcOptions a consumer that will call methods on \{@link VPCOptions.Builder\}\@return Returns a reference to this object so that method calls can be chained together.\}@see \#vpcOptions(VPCOptions)\",
  "enumType" : null,
information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>,

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"getterModel" : {
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  "documentation" : null
},
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "VPCOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "VPCOptions",
  "uri" : false
},
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"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "VPCOptions",
"setterDocumentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i></p>
@param vpcOptions Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html#es-creating-vpc">Creating a VPC</a> in <i>VPC Endpoints for Amazon Elasticsearch Service Domains</i>",

"setterMethodName" : "setVpcOptions",
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  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : null,
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions"
},
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  "variableName" : "vpcOptions",
  "variableType" : "VPCOptions",
  "documentation" : "Options to specify the subnets and security groups for VPC endpoint. For more information, see [Creating a VPC](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-creating-vpc.html) in VPC Endpoints for Amazon Elasticsearch Service Domains.

\[</p]\}
  "simpleType" : "VPCOptions",
  "variableSetterType" : "VPCOptions",
},
"xmlNameSpaceUri" : null,
},
{"beanStyleGetterMethodName" : "getCognitoOptions",
"beanStyleSetterMethodName" : "setCognitoOptions",
"c2jName" : "CognitoOptions",
"c2jShape" : "CognitoOptions",
"defaultConsumerFluentSetterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html) This is a convenience that creates an instance of the [CognitoOptions.Builder](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html) avoiding the need to create one manually via `{@link CognitoOptions#builder()}\n
When the `{@link Consumer} completes, `{@link #cognitoOptions(CognitoOptions)}\n\n@param cognitoOptions a consumer that will call methods on `{@link CognitoOptions.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #cognitoOptions(CognitoOptions)"
,"deprecated" : false,
,"documentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html)\n\n@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html)\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #cognitoOptions(CognitoOptions)"
,"enumType" : null,
,"eventHeader" : false,
,"eventPayload" : false,
,"fluentEnumGetterMethodName" : null,
,"fluentEnumSetterMethodName" : null,
,"fluentGetterMethodName" : "cognitoOptions",
,"fluentSetterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html)\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #cognitoOptions(CognitoOptions)"
,"getterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see [Amazon Cognito Authentication for Kibana](http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-
Amazon Cognito Authentication for Kibana

Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

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"getterModel" : {
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  "documentation" : null
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  "additionalUnmarshallingPath" : null,
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  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
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  "marshallLocationName" : "CognitoOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "CognitoOptions",
  "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "CognitoOptions",
"setterDocumentation" : "Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

@param cognitoOptions Options to specify the Cognito user and identity pools for Kibana authentication. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-cognito-auth.html" target="_blank">Amazon Cognito Authentication for Kibana</a>.

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  "simpleType" : "CognitoOptions",
  "variableSetterType" : "CognitoOptions"
},
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  "simpleType" : "CognitoOptions",
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},
"xmlNameSpaceUri" : null
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"beanStyleSetterMethodName" : "setAdvancedOptions",
"c2jName" : "AdvancedOptions",
"c2jShape" : "AdvancedOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>\nThis is a convenience that creates an instance of the [ @link Map<String,String>.Builder] avoiding the need to create one manually via [ @link Map<String,String>#builder()].\n\nWhen the [ @link Consumer] completes, [ @link Map<String,String>.Builder#build()] is called immediately and its result is passed to [ @link Map<String,String>].\n\n@see #advancedOptions(Map<String,String>)",
"deprecated" : false,
"documentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "advancedOptions",
"fluentSetterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>\n\n@see #advancedOptions(Map<String,String>)"
}
Configuration Advanced Options</a> for more information.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "advancedOptions",

"getterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createupdatedomains-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createupdatedomains-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.

"getterModel" : {
  "returnType" : "java.util.Map<String,String>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AdvancedOptions",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AdvancedOptions",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : false,

"listModel" : null,

"map" : true,

"mapModel" : {
  "implType" : "java.util.HashMap",
  "interfaceType" : "java.util.Map",
  "keyLocationName" : "key",
  "keyModel" : {
    "beanStyleGetterMethodName" : "getKey",
    "beanStyleSetterMethodName" : "setKey",
    "c2jName" : "key",
  }
}
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object. This is a convenience that creates an instance of the {\link String.Builder} avoiding the need to create one manually via {\link String#builder()}. When the {\link Consumer} completes, {\link String.Builder#build()} is called immediately and its result is passed to {\link #key(String)}.\n\n@param key a consumer that will call methods on {\link String.Builder}\n\n@see #key(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "key",
"fluentSetterDocumentation" : "Sets the value of the Key property for this object.\n\nWhen the {\link Consumer} completes, {\link String.Builder#build()} is called immediately and its result is passed to {\link #key(String)}\n\n@see #key(String)",
"fluentSetterMethodName" : "key",
"getterDocumentation" : "Returns the value of the Key property for this object.\n\n@see #key(String)",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "key",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "key",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Key",
"setterDocumentation" : "Sets the value of the Key property for this object.

@n@n@para key The new value for the Key property for this object.",
"setterMethodName" : "setKey",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "key",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"valueLocationName" : "value",
"valueModel" : {
  "beanStyleGetterMethodName" : "getValue",
  "beanStyleSetterMethodName" : "setValue",
  "c2jName" : "value",
  "c2jShape" : "String",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Value property for this object.

This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via

{@link String.Builder#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #value(String)}. @n@n@para value a consumer that will call methods on

{at link String.Builder}@n@n@para return Returns a reference to this object so that method calls can be chained together.

@n@n@see #value(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "value",
  "fluentSetterDocumentation" : "Sets the value of the Value property for this object.

@n@n@para value The new value for the Value property for this object.

@n@n@para return Returns a reference to this object so that method calls can be chained together. ",
  "sequence" : []
}
"fluentSetterMethodName" : "setValue",
"getterDocumentation" : "Returns the value of the Value property for this object.
\n@return The value of the Value property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Value",
"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object.",
"setterMethodName" : "setValue",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "value",
  "documentation" : null
}.
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"entryType" : "Map.Entry<String, String>",
"templateType" : "java.util.Map<String,String>"
},
"marshallingType" : "MAP",
"name" : "AdvancedOptions",
"setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>
@param advancedOptions Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.",
"setterMethodName" : "setAdvancedOptions",
"setterModel" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : null,
  "simpleType" : "Map<String,String>",
  "variableSetterType" : "java.util.Map<String,String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.Map<String,String>",
  "variableName" : "advancedOptions",
  "variableType" : "java.util.Map<String,String>",
  "documentation" : "",
  "setterDocumentation" : "<p>Modifies the advanced option to allow references to indices in an HTTP request body. Must be <code>false</code> when configuring access to individual sub-resources. By default, the value is <code>true</code>. See <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-createupdatedomains.html#es-createdomain-configure-advanced-options" target="_blank">Configuration Advanced Options</a> for more information.</p>",
  "setterMethodName" : "getAccessPolicies",
  "setterModel" : {
    "variableDeclarationType" : "java.util.Map<String,String>",
    "variableName" : "accessPolicies",
    "variableType" : "java.util.Map<String,String>",
    "documentation" : null,
    "simple" : false,
    "timestampFormat" : null,
    "variable" : {
      "variableDeclarationType" : "java.util.Map<String,String>",
      "variableName" : "accessPolicies",
      "variableType" : "java.util.Map<String,String>",
      "documentation" : null,
      "xmlNameSpaceUri" : null
    },
    "beanStyleGetterMethodName" : "getAccessPolicies",
    "beanStyleSetterMethodName" : "setAccessPolicies"
  }
}
"beanStyleSetterMethodName" : "setAccessPolicies",
"c2jName" : "AccessPolicies",
"c2jShape" : "PolicyDocument",
"defaultConsumerFluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via
{@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called
immediately and its result is passed to {@link #accessPolicies(String)}.

@returns Returns a reference to this object so that method calls can be chained together.

@see #accessPolicies(String)",
"deprecated" : false,
"documentation" : "<p>IAM access policy as a JSON-formatted string.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "accessPolicies",
"fluentSetterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies IAM access policy as a JSON-formatted string.
@return Returns a reference to this object so that method calls can be chained together.

@returns Returns a reference to this object so that method calls can be chained together.

@see #accessPolicies(String)",
"getterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@return IAM access policy as a JSON-formatted string.
",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AccessPolicies",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AccessPolicies",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "AccessPolicies",
"setterDocumentation" : "<p>IAM access policy as a JSON-formatted string.</p>
@param accessPolicies
IAM access policy as a JSON-formatted string.",
"setterMethodName" : "setAccessPolicies",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "accessPolicies",
  "variableType" : "String",
  "documentation" : "<p>IAM access policy as a JSON-formatted string.</p>
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getLogPublishingOptionsAsStrings",
"beanStyleSetterMethodName" : "setLogPublishingOptionsWithStrings",
"c2jName" : "LogPublishingOptions",
"c2jShape" : "LogPublishingOptions",
"defaultConsumerFluentSetterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>

This is a convenience that creates an instance of the [@link Map<String,LogPublishingOption>.Builder] avoiding the need to create one manually via [@link Map<String,LogPublishingOption>#builder()]. When the [@link Consumer] completes, [@link Map<String,LogPublishingOption>.Builder#build()] is called immediately and its result is passed to [@link #logPublishingOptionsAsStrings(Map<String,LogPublishingOption>)].

@returns Returns a reference to this object so that method calls can be chained together.
@see #logPublishingOptionsWithStrings(Map<String,LogPublishingOption>)",
"deprecated" : false,
"documentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "logPublishingOptions",
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentEnumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumSetterMethodName" : "logPublishingOptions",
"fluentEnumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumType" : null,
"eventHeader" : false,
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"fluentEnumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentGetterMethodName" : "logPublishingOptionsAsStrings",
"fluentSetterMethodName" : "logPublishingOptionsWithStrings",
"getterDocumentation" : "<p>Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.</p>
@param logPublishingOptions Map of <code>LogType</code> and <code>LogPublishingOption</code>, each containing options to publish a given type of Elasticsearch log.
@return Returns a reference to this object so that method calls can be chained together.",
"getterModel" : {
"returnType" : "java.util.Map<String,LogPublishingOption>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "LogPublishingOptions",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "LogPublishingOptions",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : true,
"mapModel" : {
"implType" : "java.util.HashMap",
"interfaceType" : "java.util.Map",
"keyLocationName" : "key",
"keyModel" : {
"beanStyleGetterMethodName" : "getKeyAsString",
"beanStyleSetterMethodName" : "setKey",
"c2jName" : "key",
"c2jShape" : "LogType"
},
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Key property for this object.
This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via
When the `@link Consumer` completes, `@link String.Builder#build()` is called immediately and its result is passed to `@link #keyAsString(String)`.

- `@param key` a consumer that will call methods on `@link String.Builder`

@returns Returns a reference to this object so that method calls can be chained together.

- `docstring` "Sets the value of the Key property for this object.

- `@param key` The new value for the Key property for this object.

- `@see LogType

- `@returns Returns a reference to this object so that method calls can be chained together.

- `docstring` "Returns the value of the Key property for this object.

- `@returns The value of the Key property for this object.

- `@see LogType"
"name": "Key",
"setterDocumentation": "Sets the value of the Key property for this object.

@param key The new value for the Key property for this object.

@see LogType",
"setterMethodName": "setKey",
"setterModel": {
    "variableDeclarationType": "String",
    "variableName": "key",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "String",
    "variableName": "key",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"valueLocationName": "value",
"valueModel": {
    "beanStyleGetterMethodName": "getValue",
    "beanStyleSetterMethodName": "setValue",
    "c2jName": "value",
    "c2jShape": "LogPublishingOption",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Value property for this object. 

This is a convenience that creates an instance of the { @link LogPublishingOption.Builder} avoiding the need to create one manually via { @link LogPublishingOption#builder()}. When the { @link Consumer} completes, { @link LogPublishingOption.Builder#build()} is called immediately and its result is passed to { @link #value(LogPublishingOption)}. 

@param a consumer that will call methods on { @link LogPublishingOption.Builder} 

@return Returns a reference to this object so that method calls can be chained together. 

@see #value(LogPublishingOption)",
    "deprecated": false,
    "documentation": "",
    "enumType": null,
    "eventHeader": false,
    "eventPayload": false,
    "fluentEnumGetterMethodName": null,
    "fluentEnumSetterMethodName": null,
    "fluentGetterMethodName": "value",
    "fluentSetterDocumentation": "Sets the value of the Value property for this object. 

@see LogType The new value for the Value property for this object.

@returns a reference to this object so that method calls can be chained together. 

"}
"fluentSetterMethodName" : "value",
"getterDocumentation" : "Returns the value of the Value property for this object.\n\n@return The value of the Value property for this object.",

"getterModel" : {
  "returnType" : "LogPublishingOption",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "value",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "value",
  "uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Value",

"setterDocumentation" : "Sets the value of the Value property for this object.\n\n@param value The new value for the Value property for this object."

"setterMethodId" : "setValue",

"setterModel" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
  "variableType" : "LogPublishingOption",
  "documentation" : null,
  "simpleType" : "LogPublishingOption",
  "variableSetterType" : "LogPublishingOption"
},

"simple" : false,

"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "LogPublishingOption",
  "variableName" : "value",
}
"documentation" : null,
"simpleType" : "UpdateElasticsearchDomainConfigRequest",
"variableSetterType" : "UpdateElasticsearchDomainConfigRequest"
},
"wrapper" : false
],
"UpdateElasticsearchDomainConfigResponse" : {
"c2jName" : "UpdateElasticsearchDomainConfigResponse",
"customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "The result of an <code>UpdateElasticsearchDomain</code> request. Contains the status of the Elasticsearch domain being updated."
},
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : {
  "beanStyleGetterMethodName" : "getDomainConfig",
  "beanStyleSetterMethodName" : "setDomainConfig",
  "c2jName" : "DomainConfig",
  "c2jShape" : "ElasticsearchDomainConfig",
  "defaultConsumerFluentSetterDocumentation" : "The status of the updated Elasticsearch domain. This is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchDomainConfig#builder()}. When the { @link Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link #domainConfig(ElasticsearchDomainConfig)}.
  @param domainConfig a consumer that will call methods on { @link ElasticsearchDomainConfig.Builder}.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #domainConfig(ElasticsearchDomainConfig)"
},
"deprecated" : false,
"documentation" : "The status of the updated Elasticsearch domain.

This is a convenience that creates an instance of the { @link ElasticsearchDomainConfig.Builder} avoiding the need to create one manually via { @link ElasticsearchDomainConfig#builder()}. When the { @link Consumer} completes, { @link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is passed to { @link #domainConfig(ElasticsearchDomainConfig)}.
  @param domainConfig a consumer that will call methods on { @link ElasticsearchDomainConfig.Builder}.
  @return Returns a reference to this object so that method calls can be chained together.
  @see #domainConfig(ElasticsearchDomainConfig)"
},
"enumType" : null,
"eventHeader" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainConfig",
"fluentSetterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>
@param domainConfig The status of the updated Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainConfig",
"getterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>
@return The status of the updated Elasticsearch domain",
"getterModel" : {
  "returnType" : "ElasticsearchDomainConfig",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainConfig",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainConfig",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>
@param domainConfig The status of the updated Elasticsearch domain.
@return The status of the updated Elasticsearch domain",
"setterMethodName" : "setDomainConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "ElasticsearchDomainConfig",
  "variableName": "domainConfig",
  "variableType": "ElasticsearchDomainConfig",
  "documentation": "The status of the updated Elasticsearch domain. \</p>\",
  "simpleType": "ElasticsearchDomainConfig",
  "variableSetterType": "ElasticsearchDomainConfig"
},
"xmlNameSpaceUri": null
}
},
"membersAsMap": {
"DomainConfig": {
  "beanStyleGetterMethodName": "getDomainConfig",
  "beanStyleSetterMethodName": "setDomainConfig",
  "c2jName": "DomainConfig",
  "c2jShape": "ElasticsearchDomainConfig",
  "defaultConsumerFluentSetterDocumentation": "The status of the updated Elasticsearch domain. \</p>\nThe status of the updated Elasticsearch domain. \</p>\nThis is a convenience that creates an instance of the {\link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {\link ElasticsearchDomainConfig#builder()}.\n\nWhen the {\link Consumer} completes, {\link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {\link #domainConfig(ElasticsearchDomainConfig)}.\n\n@param domainConfig a consumer that will call
methods on {\link ElasticsearchDomainConfig.Builder}\n\n@return Returns a reference to this object so that method
calls can be chained together.\n\n@see #domainConfig(ElasticsearchDomainConfig)",
  "deprecated": false,
  "documentation": "The status of the updated Elasticsearch domain. \</p>\",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "domainConfig",
  "fluentSetterDocumentation": "The status of the updated Elasticsearch domain. \</p>\n@param domainConfig The status of the updated Elasticsearch domain.\n\n@return Returns a reference to this object so that method
calls can be chained together.\n",
  "fluentSetterMethodName": "domainConfig",
  "getterDocumentation": "The status of the updated Elasticsearch domain. \</p>\n@return The status of the updated Elasticsearch domain.\n",
  "getterModel": {
    "returnType": "ElasticsearchDomainConfig",
    "documentation": null
  }
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
The status of the updated Elasticsearch domain.

The status of the updated Elasticsearch domain.

The status of the updated Elasticsearch domain.

The status of the updated Elasticsearch domain.

The status of the updated Elasticsearch domain.

The status of the updated Elasticsearch domain.

The status of the updated Elasticsearch domain.
"defaultConsumerFluentSetterDocumentation": "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"documentation" : "<p>The status of the updated Elasticsearch domain. 

This is a convenience that creates an instance of the {@link ElasticsearchDomainConfig.Builder} avoiding
the need to create one manually via {@link ElasticsearchDomainConfig#builder()}. When the {@link
Consumer} completes, {@link ElasticsearchDomainConfig.Builder#build()} is called immediately and its result is
passed to {@link #domainConfig(ElasticsearchDomainConfig)}. 

@see domainConfig(ElasticsearchDomainConfig)

@deprecate" : false,
"marshallingType" : "SDK_POJO",
"name" : "DomainConfig",
"setterDocumentation" : "<p>The status of the updated Elasticsearch domain. </p>
@param domainConfig
The status of the updated Elasticsearch domain."
,"setterMethodName" : "setDomainConfig",
"setterModel" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "ElasticsearchDomainConfig",
  "variableName" : "domainConfig",
  "variableType" : "ElasticsearchDomainConfig",
  "documentation" : null,
  "simpleType" : "ElasticsearchDomainConfig",
  "variableSetterType" : "ElasticsearchDomainConfig"
},
"xmlNameSpaceUri" : null
}
,"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : [ "DomainConfig" ],
"shapeName" : "UpdateElasticsearchDomainConfigResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "UpdateElasticsearchDomainConfigResponse",
  "variableName" : "updateElasticsearchDomainConfigResponse",
  "variableType" : "UpdateElasticsearchDomainConfigResponse",
  "documentation" : null,
  "simpleType" : "UpdateElasticsearchDomainConfigResponse",
  "variableSetterType" : "UpdateElasticsearchDomainConfigResponse"
},
"wrapper" : false
},
"UpgradeElasticsearchDomainRequest" : {
  "c2jName" : "UpgradeElasticsearchDomainRequest",
  "customization" : {
    "artificialResultWrapper" : null,
    "marshaller" : {
      "flattened" : false,
      "resultWrapper" : null
    },
    "setterModel" : {
      "variableDeclarationType" : "UpgradeElasticsearchDomainRequest",
      "variableName" : "upgradeElasticsearchDomainRequest",
      "variableType" : "UpgradeElasticsearchDomainRequest",
      "documentation" : null,
      "simpleType" : "UpgradeElasticsearchDomainRequest",
      "variableSetterType" : "UpgradeElasticsearchDomainRequest"
    },
    "wrapper" : false
  },
  "marshaller" : {
    "flattened" : false,
    "resultWrapper" : null
  }
},
"Open Source Used In Data Center Network Manager 11 11.5(4) 24080"
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p> Container for request parameters to <code> <a>UpgradeElasticsearchDomain</a> </code> operation. </p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : {
"action" : "UpgradeElasticsearchDomain",
"locationName" : null,
"requestUri" : "/2015-01-01/es/upgradeDomain",
"target" : null,
"verb" : "POST",
"xmlNameSpaceUri" : null
},
"members" : [ {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}.\n\nWhen the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #domainName(String)}.\n\n@see #domainName(String)\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)\n\n@returns Returns a reference to this object so that method calls can be chained together.",
"deprecated" : false,
"documentation" : ",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param domainName The new value for the DomainName property for this object.\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)\n\n@returns Returns a reference to this object so that method calls can be chained together.\n\n"
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object."
@return The value of the DomainName property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
 },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : false,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "DomainName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "DomainName",
  "uri" : false
 },
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object."
@param domainName
The new value for the DomainName property for this object.",
"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
 },
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName"
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
   
"beanStyleGetterMethodName" : "getTargetVersion",
"beanStyleSetterMethodName" : "setTargetVersion",
"c2jName" : "TargetVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultValueFluentSetterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to."

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder]. When the [Consumer] completes, [String.Builder#build] is called immediately and its result is passed to [TargetVersion(String)].

@see #targetVersion(String)

@deprecated
"documentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@enumType : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@see #targetVersion(String)

@return Returns a reference to this object so that method calls can be chained together.

@default
"defaultValue" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@see #targetVersion(String)

@return Returns a reference to this object so that method calls can be chained together.

@deprecated
"documentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@enumType : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@see #targetVersion(String)

@return Returns a reference to this object so that method calls can be chained together.

"defaultValue" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.

@see #targetVersion(String)

@return Returns a reference to this object so that method calls can be chained together.

http" : { 
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TargetVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TargetVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName" : "setTargetVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
],
{
"beanStyleGetterMethodName" : "getPerformCheckOnly",
"beanStyleSetterMethodName" : "setPerformCheckOnly",
"c2jName" : "PerformCheckOnly",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p><p>This is a convenience that creates an instance of the [@link Boolean.Builder] avoiding the need to create one manually via [@link Boolean.Builder#builder()].
When the [@link Consumer] completes, [@link Boolean.Builder#build()] is called immediately and its result is passed to [@link #performCheckOnly(Boolean)].
@param performCheckOnly a consumer that will call methods on [@link Boolean.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #performCheckOnly(Boolean)",
"deprecated" : false,
"documentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

```
@returns
Returns a reference to this object so that method calls can be chained together.
```

```
@returns
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
```

"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : "<p> This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "DomainName" : {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #domainName(String) \}.\n\n@see #domainName(String)"
  }},
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : "domainName",
  "fluentEnumSetterMethodName" : "domainName",
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@see #domainName(String)"
),
  "getterDocumentation" : "Returns the value of the DomainName property for this object.\n\n@see #domainName(String)"
},
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "null",
"fluentEnumSetterMethodName" : "null",
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@see #domainName(String)"
),
  "getterDocumentation" : "Returns the value of the DomainName property for this object.\n\n@see #domainName(String)"
"getterModel" : {
    "returnType" : "String",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@param

domainName The new value for the DomainName property for this object."
,  "setterMethodName" : "setDomainName",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "domainName",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String"}
"variableSetterType" : "String",
},
"xmlnsSpaceUri" : null
},
"PerformCheckOnly" : {
"beanStyleGetterMethodName" : "getPerformCheckOnly",
"beanStyleSetterMethodName" : "setPerformCheckOnly",
"c2jName" : "PerformCheckOnly",
"c2jShape" : "Boolean",
"defaultConsumerFluentSetterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\nThis is a convenience that creates an instance of the [@link Boolean.Builder] avoiding the need to create one manually via [@link Boolean.Builder#builder()].\nWhen the [@link Consumer] completes, [@link Boolean.Builder#build()] is called immediately and its result is passed to [@link #performCheckOnly(Boolean)].\n@\n@param performCheckOnly a consumer that will call methods on [@link Boolean.Builder]\n@return Returns a reference to this object so that method calls can be chained together.\n@see #performCheckOnly(Boolean)",
"deprecated" : false,
"documentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "performCheckOnly",
"fluentSetterDocumentation" : "<p>This flag, when set to True, indicates that a Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n@return Returns a reference to this object so that method calls can be chained together."
,"fluentSetterMethodName" : "performCheckOnly",
"getterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>\n@\n@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
","getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PerformCheckOnly",
"taskId" : null,
"isValid" : true,
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PerformCheckOnly",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"setterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n",
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n",
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"TargetVersion" : {
  "beanStyleGetterMethodName" : "getTargetVersion",
  "beanStyleSetterMethodName" : "setTargetVersion",
  "c2jName" : "TargetVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain to.\n\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create one manually via { @link String#builder()}.\n\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to {@link #targetVersion(String)}.\n@param targetVersion a consumer that will call methods on {@link String.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #targetVersion(String)

"deprecated" : false,
"documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@return The version of Elasticsearch that you intend to upgrade the domain to."

"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TargetVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TargetVersion",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to."
"setterMethodName" : "setTargetVersion",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "targetVersion",
    "variableType" : "String",
    "documentation" : "The version of Elasticsearch that you intend to upgrade the domain to.",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}
}],
"nonStreamingMembers" : [ {
    "beanStyleGetterMethodName" : "getDomainName",
    "beanStyleSetterMethodName" : "setDomainName",
    "c2jName" : "DomainName",
    "c2jShape" : "DomainName",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

This is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}. When the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #domainName(String)}. When a consumer that will call methods on { @link String.Builder} returns a reference to this
object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

The new value for the DomainName property for this object.

@see #domainName(String)"
},
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.

The value of

@see the DomainName property for this object."
,"getterModel" : {
}
"returnType" : "String",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.\n\n@para
"defaultConsumerFluentSetterDocumentation" : 
"<p>The version of Elasticsearch that you intend to upgrade the domain to.

This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String.Builder\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #targetVersion(String)\}. @param targetVersion a consumer that will call methods on \{@link String.Builder\}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #targetVersion(String)\n",
"deprecated" : false,
"documentation" : 
"The version of Elasticsearch that you intend to upgrade the domain to."
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : 
"The version of Elasticsearch that you intend to upgrade the domain to."
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : 
"The version of Elasticsearch that you intend to upgrade the domain to."
"getterModel" : 

"http" : 

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "TargetVersion",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "TargetVersion",
"uri" : false

},
"idempotencyToken" : false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "TargetVersion",
"setterDocumentation": "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",
"setterMethodName": "setTargetVersion",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "targetVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "targetVersion",
  "variableType": "String",
  "documentation": "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
},
},
"beanStyleGetterMethodName": "getPerformCheckOnly",
"beanStyleSetterMethodName": "setPerformCheckOnly",
"c2jName": "PerformCheckOnly",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>
@link Boolean.Builder\nThis is a convenience that creates an instance of the \nWhen the \n\nreturns a reference to this object so that method calls can be chained together.\n@see #performCheckOnly(Boolean)",
"deprecated": false,
"documentation": "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. </p>",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "performCheckOnly",
"fluentSetterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. 
@par...<p>
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "performCheckOnly",
"getterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. 
@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

"getterModel" : {
"returnType" : "Boolean",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PerformCheckOnly",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PerformCheckOnly",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"setterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. 
@par...<p>
@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
"variableDeclarationType" : "Boolean",
"variableName" : "performCheckOnly",
"variableType" : "Boolean"
},
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

Container for response returned by UpgradeElasticsearchDomain operation.
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ 
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\nThis is a convenience that creates an instance of the {link String.Builder} avoiding the need to create one manually via {link String#builder()}.\n\nWhen the {link Consumer} completes, {link String.Builder#build()} is called immediately and its result is passed to {link #domainName(String)}.\n\n@param domainName a consumer that will call methods on {link String.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.\n\nThe new value for the DomainName property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "Returns the value of the DomainName property for this object.\n\n@return The value of the DomainName property for this object."
},
"http" : { 
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD"}
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "DomainName",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "DomainName",
"setterDocumentation" : "Sets the value of the DomainName property for this object.

@param domainName
The new value for the DomainName property for this object."

"setterMethodName" : "setDomainName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "domainName",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getTargetVersion",
"beanStyleSetterMethodName" : "setTargetVersion",
"c2jName" : "TargetVersion",
"c2jShape" : "ElasticsearchVersionString",
"defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #targetVersion(String)}. @param targetVersion a consumer that will call methods on {@link String.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #targetVersion(String)"
"deprecated" : false,
"documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "targetVersion",
"fluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "targetVersion",
"getterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "TargetVersion",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "TargetVersion",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "TargetVersion",
"setterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>
@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.
"setterMethodName" : "setTargetVersion",
"setterModel" : {
  "variableDeclarationType" : "String",
"isModelClass" : false,
"isVariableNameCaseSensitive" : false,
"isWrapperType" : false,
"isAbstractType" : false,
"javaType" : "java.lang.String",
"javaPackage" : "java.lang",
"javadoc" : null,
"nullCheck" : false,
"nullCheckMessage" : null,
"specialName" : null,
"type" : "String",
"valueClass" : null,
"valueModel" : null,
"wrapperTypeClassName" : null
}
"variableName": "targetVersion",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String",
"
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "targetVersion",
"variableType": "String",
"documentation": "The version of Elasticsearch that you intend to upgrade the domain to.<p>"",
"simpleType": "String",
"variableSetterType": "String"
"}
"xmlNameSpaceUri": null
"},

"beanStyleGetterMethodName": "getPerformCheckOnly",
"beanStyleSetterMethodName": "setPerformCheckOnly",
"c2jName": "PerformCheckOnly",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This is a convenience that creates an instance of the [<link Boolean.Builder> avoiding the need to create one manually via [<link Boolean#builder()>.<link When the [<link Consumer> completes, [<link Boolean.Builder#build() is called immediately and its result is passed to [<link #performCheckOnly(Boolean).<link @param performCheckOnly a consumer that will call methods on [<link Boolean.Builder]\n@return Returns a reference to this object so that method calls can be chained together.<link see #performCheckOnly(Boolean)",
"deprecated": false,
"documentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This will not actually perform the Upgrade. <p>,
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "performCheckOnly",
"fluentSetterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. <p>@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.<p>@return Returns a reference to this object so that method calls can be chained together."",
"fluentSetterMethodName": "performCheckOnly",
"getterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. <p>@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade."
"getterModel": {
"returnType": "Boolean",
"variableName": "performCheckOnly",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
"},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "targetVersion",
"variableType": "String",
"documentation": "The version of Elasticsearch that you intend to upgrade the domain to.<p>"",
"simpleType": "String",
"variableSetterType": "String"
"},
"xmlNameSpaceUri": null
"},

"beanStyleGetterMethodName": "getPerformCheckOnly",
"beanStyleSetterMethodName": "setPerformCheckOnly",
"c2jName": "PerformCheckOnly",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This is a convenience that creates an instance of the [<link Boolean.Builder> avoiding the need to create one manually via [<link Boolean#builder()>.<link When the [<link Consumer> completes, [<link Boolean.Builder#build() is called immediately and its result is passed to [<link #performCheckOnly(Boolean).<link @param performCheckOnly a consumer that will call methods on [<link Boolean.Builder]\n@return Returns a reference to this object so that method calls can be chained together.<link see #performCheckOnly(Boolean)",
"deprecated": false,
"documentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This will not actually perform the Upgrade. <p>,
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "performCheckOnly",
"fluentSetterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. <p>@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.<p>@return Returns a reference to this object so that method calls can be chained together."",
"fluentSetterMethodName": "performCheckOnly",
"getterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. <p>@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade."
"getterModel": {
"returnType": "Boolean",
"variableName": "performCheckOnly",
"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
"},
"simple": true,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "String",
"variableName": "targetVersion",
"variableType": "String",
"documentation": "The version of Elasticsearch that you intend to upgrade the domain to.<p>"",
"simpleType": "String",
"variableSetterType": "String"
"},
"xmlNameSpaceUri": null
"},

"beanStyleGetterMethodName": "getPerformCheckOnly",
"beanStyleSetterMethodName": "setPerformCheckOnly",
"c2jName": "PerformCheckOnly",
"c2jShape": "Boolean",
"defaultConsumerFluentSetterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This is a convenience that creates an instance of the [<link Boolean.Builder> avoiding the need to create one manually via [<link Boolean#builder()>.<link When the [<link Consumer> completes, [<link Boolean.Builder#build() is called immediately and its result is passed to [<link #performCheckOnly(Boolean).<link @param performCheckOnly a consumer that will call methods on [<link Boolean.Builder]\n@return Returns a reference to this object so that method calls can be chained together.<link see #performCheckOnly(Boolean)",
"deprecated": false,
"documentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This will not actually perform the Upgrade. <p>,
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "performCheckOnly",
"fluentSetterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. <p>@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.<p>@return Returns a reference to this object so that method calls can be chained together."",
"fluentSetterMethodName": "performCheckOnly",
"getterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. <p>@return This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade."
"getterModel": {
"returnType": "Boolean",
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

Set the `performCheckOnly` flag to True to perform an Upgrade Eligibility Check. This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
"simpleType" : "Boolean",
"variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
} ],
"membersAsMap" : {
"DomainName" : {
"beanStyleGetterMethodName" : "getDomainName",
"beanStyleSetterMethodName" : "setDomainName",
"c2jName" : "DomainName",
"c2jShape" : "DomainName",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object.
This is a convenience that creates an instance of the { @link String.Builder } avoiding the need to create one manually via { @link String#builder() }. When the { @link Consumer } completes, { @link String.Builder#build() } is called immediately and its result is passed to { @link #domainName(String) }.
@param domainName a consumer that will call methods on { @link String.Builder } @return Returns a reference to this object so that method calls can be chained together.@see #domainName(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "domainName",
"fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.
@param domainName The new value for the DomainName property for this object.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "domainName",
"getterDocumentation" : "Returns the value of the DomainName property for this object.
@return The value of the DomainName property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "DomainName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName": "DomainName",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "DomainName",
"setterDocumentation": "Sets the value of the DomainName property for this object.

@param domainName The new value for the DomainName property for this object.",
"setterMethodName": "setDomainName",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "domainName",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null
},

"PerformCheckOnly": {
  "beanStyleGetterMethodName": "getPerformCheckOnly",
  "beanStyleSetterMethodName": "setPerformCheckOnly",
  "c2jName": "PerformCheckOnly",
  "c2jShape": "Boolean",
  "defaultConsumerFluentSetterDocumentation": "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

This is a convenience that creates an instance of the @link Boolean.Builder] avoiding the need to create one manually via @link Boolean.Builder#builder()@. When the @link Consumer] completes, @link Boolean.Builder#build() is called immediately and its result is passed to @link #performCheckOnly(Boolean)@. @param performCheckOnly a consumer that will call methods on @link Boolean.Builder@ and returns a reference to this object so that method calls can be chained together.

@see #performCheckOnly(Boolean)"
  "deprecated": false,
This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

```xml
<param name="performCheckOnly" type="boolean" description="This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade."
@return Returns a reference to this object so that method calls can be chained together.
```

This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

```xml
@returns This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
```

This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.
"setterMethodName" : "setPerformCheckOnly",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
},
"TargetVersion" : {
  "beanStyleGetterMethodName" : "getTargetVersion",
  "beanStyleSetterMethodName" : "setTargetVersion",
  "c2jName" : "TargetVersion",
  "c2jShape" : "ElasticsearchVersionString",
  "defaultConsumerFluentSetterDocumentation" : "<p>The version of Elasticsearch that you intend to upgrade
the domain to.\n\nThis is a convenience that creates an instance of the {@link String.Builder} avoiding the need
to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link
String.Builder#build()} is called immediately and its result is passed to{@link
#targetVersion(String)}.\n\n@see #targetVersion(String)",
  "deprecated" : false,
  "documentation" : "The version of Elasticsearch that you intend to upgrade the domain to.\n\n\n\n@see #targetVersion(String)",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "targetVersion",
  "fluentSetterDocumentation" : "The version of Elasticsearch that you intend to upgrade the
domain to.\n\n@see #targetVersion(String)"
  "fluentSetterMethodName" : "targetVersion",
  "getterDocumentation" : "The version of Elasticsearch that you intend to upgrade the domain
to.\n\n\n\n@see #targetVersion(String)"
}}
"getterModel": {
  "returnType": "String",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "TargetVersion",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "TargetVersion",
  "uri": false
},

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": false,

"listModel": null,

"map": false,

"mapModel": null,

"marshallingType": "STRING",

"name": "TargetVersion",

"setterDocumentation": "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.",

"setterMethodName": "setTargetVersion",

"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "targetVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},

"simple": true,

"timestampFormat": null,

"variable": {
  "variableDeclarationType": "String",
  "variableName": "targetVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
}
"variableSetterType" : "String",
],
"xmlNameSpaceUri" : null
}
],

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getDomainName",
  "beanStyleSetterMethodName" : "setDomainName",
  "c2jName" : "DomainName",
  "c2jShape" : "DomainName",
  "defaultConsumerFluentSetterDocumentation" : "Sets the value of the DomainName property for this object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String.Builder()].

When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #domainName(String)].

@see #domainName(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "domainName",
  "fluentSetterDocumentation" : "Sets the value of the DomainName property for this object.

@see #domainName(String)",
  "fluentSetterMethodName" : "domainName",
  "getterDocumentation" : "Returns the value of the DomainName property for this object.

@see #domainName(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },

  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "DomainName",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "DomainName",
}
The new value for the DomainName property for this object.

```java
@_accessor
Private String domainName

@getter
public String getDomainName()
```

The version of Elasticsearch that you intend to upgrade the domain to.

```java
@Accessor @Setter
private String targetVersion;
```

```java
@defaultConsumerFluentSetter
@defaultConsumer
@see #targetVersion(String)
```

When creating an instance of the ElasticsearchVersionString class, a String object is required. This is because the ElasticsearchVersionString class is not a primitive type. Creating a String object is easy:

```java
String builder = String
```

```java
@defaultConsumerFluentSetter
@defaultConsumer
@see #targetVersion(String)
```

When the @defaultConsumer completes, the @defaultConsumer is called immediately and its result is passed to the targetVersion method. If the @defaultConsumer method returns a value, then the returned value is passed to the targetVersion method. If no value is returned, then the default value for the targetVersion method is used.

```java
@defaultConsumer
@defaultConsumer
@see #targetVersion(String)
```

When the @defaultConsumer completes, the @defaultConsumer is called immediately and its result is passed to the targetVersion method. If the @defaultConsumer method returns a value, then the returned value is passed to the targetVersion method. If no value is returned, then the default value for the targetVersion method is used.

```java
@defaultConsumer
@defaultConsumer
@see #targetVersion(String)
```

When the @defaultConsumer completes, the @defaultConsumer is called immediately and its result is passed to the targetVersion method. If the @defaultConsumer method returns a value, then the returned value is passed to the targetVersion method. If no value is returned, then the default value for the targetVersion method is used.

```java
@defaultConsumer
@defaultConsumer
@see #targetVersion(String)
```

When the @defaultConsumer completes, the @defaultConsumer is called immediately and its result is passed to the targetVersion method. If the @defaultConsumer method returns a value, then the returned value is passed to the targetVersion method. If no value is returned, then the default value for the targetVersion method is used.

```java
@defaultConsumer
@defaultConsumer
@see #targetVersion(String)
```
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "targetVersion",
"fluentSetterDocumentation": "&lt;p&gt;The version of Elasticsearch that you intend to upgrade the domain to.&lt;/p&gt;\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName": "targetVersion",
"getterDocumentation": "&lt;p&gt;The version of Elasticsearch that you intend to upgrade the domain to.&lt;/p&gt;\n@return The version of Elasticsearch that you intend to upgrade the domain to.",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "TargetVersion",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "TargetVersion",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"JsonValue": false,
"isList": false,
"listModel": null,
"isMap": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "TargetVersion",
"setterDocumentation": "&lt;p&gt;The version of Elasticsearch that you intend to upgrade the domain to.&lt;/p&gt;\n@param targetVersion The version of Elasticsearch that you intend to upgrade the domain to.\n@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName": "setTargetVersion",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "targetVersion",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String"}
"variableSetterType" : "String",
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "targetVersion",
  "variableType" : "String",
  "documentation" : "<p>The version of Elasticsearch that you intend to upgrade the domain to.</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getPerformCheckOnly",
  "beanStyleSetterMethodName" : "setPerformCheckOnly",
  "c2jName" : "PerformCheckOnly",
  "c2jShape" : "Boolean",
  "defaultConsumerFluentSetterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This is a convenience that creates an instance of the [@link Boolean.Builder] avoiding the need to create one manually via [@link Boolean#builder()].

When the [@link Consumer] completes, [@link Boolean.Builder#build()] is called immediately and its result is passed to [@link performCheckOnly(Boolean)] a consumer that will call methods on [@link Boolean.Builder] returns a reference to this object so that method calls can be chained together. see #performCheckOnly(Boolean)",
  "deprecated" : false,
  "documentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "performCheckOnly",
  "fluentSetterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

Return a reference to this object so that method calls can be chained together.
",
  "fluentSetterMethodName" : "performCheckOnly",
  "getterDocumentation" : "<p>This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.

Return a reference to this object so that method calls can be chained together.
",
  "getterMethodName" : "performCheckOnly",
  "http" : {
    "additionalMarshallingPath" : null,
  }
}
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "PerformCheckOnly",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "PerformCheckOnly",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "BOOLEAN",
"name" : "PerformCheckOnly",
"setterDocumentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade. \n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n
\n@\n\nsetterMethodName" : "setPerformCheckOnly",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : "This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n@param performCheckOnly This flag, when set to True, indicates that an Upgrade Eligibility Check needs to be performed. This will not actually perform the Upgrade.\n
\nsetterMethodName" : "setPerformCheckOnly",
"setterModel" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Boolean",
  "variableName" : "performCheckOnly",
  "variableType" : "Boolean",
  "documentation" : null,
  "simpleType" : "Boolean",
  "variableSetterType" : "Boolean"
},
"xmlNameSpaceUri" : null
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeElasticsearchDomainResponse",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},

"variable" : {
  "variableDeclarationType" : "UpgradeElasticsearchDomainResponse",
  "variableName" : "upgradeElasticsearchDomainResponse",
  "variableType" : "UpgradeElasticsearchDomainResponse",
  "documentation" : null,
  "simpleType" : "UpgradeElasticsearchDomainResponse",
  "variableSetterType" : "UpgradeElasticsearchDomainResponse"
},

"wrapper" : false,

"UpgradeHistory" : {
  "c2jName" : "UpgradeHistory",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
  "deprecated" : false,
  "documentation" : "<p>History of the last 10 Upgrades and Upgrade Eligibility Checks.</p>",
  "enums" : null,
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "marshaller" : null,
  "members" : [ {
    "beanStyleGetterMethodName" : "getUpgradeName",
    "beanStyleSetterMethodName" : "setUpgradeName",
    "c2jName" : "UpgradeName",
    "c2jShape" : "UpgradeName",
    "defaultConsumerFluentSetterDocumentation" : "<p>A string that describes the update briefly</p>\n\nThis is a
convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via
[String#builder()]. When the [Consumer] completes, [String.Builder#build()] is called
immediately and its result is passed to [upgradeName(String)].

When the [Consumer] completes, [String.Builder#build()] is called
immediately and its result is passed to [upgradeName(String)].

@ see [upgradeName(String)]

-param upgradeName A consumer that

will call methods on [String.Builder]

@return Returns a reference to this object so that method calls can be
chained together.

- documentation: "A string that describes the update briefly"
- enumType: null
- eventHeader: false
- eventPayload: false
- fluentEnumGetterMethodName: null
- fluentEnumSetterMethodName: null
- fluentGetterMethodName: "upgradeName",
  "fluentSetterDocumentation": "<p>A string that describes the update briefly</p>

@ see [upgradeName(String)]

@return Returns a reference to this object so that method calls can be
chained together.

-getterDocumentation": "<p>A string that describes the update briefly</p>

@return A string that describes the update briefly"
"setterDocumentation" : "<p>A string that describes the update briefly</p>
@param upgradeName A string that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : "<p>A string that describes the update briefly</p>",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getStartTimestamp",
  "beanStyleSetterMethodName" : "setStartTimestamp",
  "c2jName" : "StartTimestamp",
  "c2jShape" : "StartTimestamp",
  "defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.</p>
This is a convenience that creates an instance of the {@link Instant.Builder} avoiding the need to create one manually via {@link Instant#builder()}. When the {@link Consumer} completes, {@link Instant.Builder#build()} is called immediately and its result is passed to {@link #startTimestamp(Instant)}.
@param startTimestamp a consumer that will call methods on {@link Instant.Builder}.
@return Returns a reference to this object so that method calls can be chained together.
@see #startTimestamp(Instant)",
  "deprecated" : false,
  "documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "startTimestamp",
  "fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.</p>
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "startTimestamp",
  "fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.</p>
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "startTimestamp",
"getterDocumentation": "<p>UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.</p>

@return UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.",

"getterModel": {
  "returnType": "java.time.Instant",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "StartTimestamp",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "StartTimestamp",
  "uri": false
},

"idempotencyToken": false,

"isBinary": false,

"jsonValue": false,

"list": false,

"listModel": null,

"map": false,

"mapModel": null,

"marshallingType": "INSTANT",

"name": "StartTimestamp",

"setterDocumentation": "<p>UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.</p>

@param startTimestamp UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.",

"setterMethodName": "setStartTimestamp",

"setterModel": {
  "variableDeclarationType": "java.time.Instant",
  "variableName": "startTimestamp",
  "variableType": "java.time.Instant",
  "documentation": null,
  "simpleType": "Instant",
  "variableSetterType": "java.time.Instant"
},

"simple": true,

"timestampFormat": null,

"variable": {
  "variableDeclarationType": "java.time.Instant",
"variableName": "startTimestamp",
"variableType": "java.time.Instant",
"documentation": "<p>UTC Timestamp at which the Upgrade API call was made in "yyyy-MM-ddTHH:mm:ssZ" format.</p>",
"simpleType": "Instant",
"variableSetterType": "java.time.Instant"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getUpgradeStatusAsString",
"beanStyleSetterMethodName": "setUpgradeStatus",
"c2jName": "UpgradeStatus",
"c2jShape": "UpgradeStatus",
"defaultValueFluentSetterDocumentation": "<p>The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul></p>\nThis is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link UpgradeStatusAsString(String)\}.\n\n@see UpgradeStatus
\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see UpgradeStatus(String)",
"deprecated": false,
"documentation": "<p>The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul></p>",
"enumType": "UpgradeStatus",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "upgradeStatus",
"fluentEnumSetterMethodName": "upgradeStatus",
"fluentGetterMethodName": "upgradeStatusAsString",
"fluentSetterDocumentation": "<p>The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul></p>
\nIf the service returns an enum value that is not available in the current SDK version, \{@link #upgradeStatus\} will return \{@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION\}. The raw value returned by the service is available from \{@link UpgradeStatusAsString\}.\n\n@see UpgradeStatus
\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see UpgradeStatus",
"fluentSetterMethodName": "upgradeStatus",
"getterDocumentation": "<p>The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul></p>
\nIf the service returns an enum value that is not available in the current SDK version, \{@link #upgradeStatus\} will return \{@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION\}. The raw value returned by the service is available from \{@link UpgradeStatusAsString\}.\n\n@see UpgradeStatus
\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see UpgradeStatus",
"getterModel": {
"returnType": "String",
"documentation": null
},
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "UpgradeStatus",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "UpgradeStatus",
    "uri": false,
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "UpgradeStatus",
"setterDocumentation": "<p>The overall status of the update. The status can take one of the following values: <ul><li>In Progress</li><li>Succeeded</li><li>Succeeded with Issues</li><li>Failed</li></ul>\n@param upgradeStatus The overall status of the update. The status can take one of the following values: <ul><li>In Progress</li><li>Succeeded</li><li>Succeeded with Issues</li><li>Failed</li></ul>\n@see UpgradeStatus",
"setterMethodName": "setUpgradeStatus",
"setterModel": {
    "variableDeclarationType": "String",
    "variableName": "upgradeStatus",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "String",
    "variableName": "upgradeStatus",
    "variableType": "String",
    "documentation": "<p>The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
\n@param upgradeStatus The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>\n@see UpgradeStatus",
    "simpleType": "String",
    "variableSetterType": "String"}
"xmlnsSpaceUri" : null
}, {
"beanStyleGetterMethodName" : "getStepsList",
"beanStyleSetterMethodName" : "setStepsList",
"c2jName" : "StepsList",
"c2jShape" : "UpgradeStepsList",
"defaultConsumerFluentSetterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

This is a convenience that creates an instance of the {@link List<UpgradeStepItem>.Builder} avoiding the need to create one manually via {@link List<UpgradeStepItem>#builder()}. When the {@link Consumer} completes, the builder is called immediately and its result is passed to {@link #stepsList(List<UpgradeStepItem>)}. Returns a consumer that will call methods on the list of UpgradeStepItem. Builder

@returns <p>A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

@deprecated false,
"documentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

Returns a reference to this object so that method calls can be chained together.

@param stepsList a consumer that will call methods on the list of UpgradeStepItem. Builder

@returns Returns a reference to this object so that method calls can be chained together.

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "stepsList",
"fluentSetterDocumentation" : "A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException. Returns a list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

getterModel" : {

"returnType" : "java.util.List<UpgradeStepItem>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "SDK_POJO",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n\n@\n
@param member The new value for the Member property for this object."
,"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "UpgradeStepItem",
  "variableName": "member",
  "variableType": "UpgradeStepItem",
  "documentation": null,
  "simpleType": "UpgradeStepItem",
  "variableSetterType": "UpgradeStepItem"
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "UpgradeStepItem",
  "variableName": "member",
  "variableType": "UpgradeStepItem",
  "documentation": "",
  "simpleType": "UpgradeStepItem",
  "variableSetterType": "UpgradeStepItem"
},
"xmlNameSpaceUri": null
},
"memberLocationName": null,
"memberType": "UpgradeStepItem",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"complexType" : "UpgradeStepItem",
"templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
"templateType" : "java.util.List<UpgradeStepItem>",
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StepsList",
"setterDocumentation" : "<p> A list of &lt;code&gt; &lt;a&gt;UpgradeStepItem&lt;/a&gt; &lt;/code&gt; s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. &lt;/p&gt;\n@param stepsList A list of &lt;code&gt; &lt;a&gt;UpgradeStepItem&lt;/a&gt; &lt;/code&gt; s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. ".
"setterMethodName" : "setStepsList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
  "variableName" : "stepsList",
  "variableType" : "java.util.List<UpgradeStepItem>",
  "documentation" : null,
  "simpleType" : "List<UpgradeStepItem>",
  "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
  "variableName" : "stepsList",
  "variableType" : "java.util.List<UpgradeStepItem>",
  "documentation" : "<p> A list of &lt;code&gt; &lt;a&gt;UpgradeStepItem&lt;/a&gt; &lt;/code&gt; s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. &lt;/p&gt;",
  "simpleType" : "List<UpgradeStepItem>",
  "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "StartTimestamp" : {
    "beanStyleGetterMethodName" : "getStartTimestamp",
    "beanStyleSetterMethodName" : "setStartTimestamp",
    "c2jName" : "StartTimestamp",
    "c2jShape" : "StartTimestamp",
    "defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-dd'T'HH:mm:ssZ\" format.&lt;/p&gt;\nThis is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via { @link Instant#builder()} .\n\nWhen the { @link Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link #startTimestamp(Instant)}.\n@param startTimestamp a consumer that will call methods on { @link Instant.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see
"}
#startTimestamp(Instant)

"deprecated" : false,
"documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTimestamp",
"fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>
@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "startTimestamp",
"getDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>
@return UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.",
"getterModel" : {
  "returnType" : "java.time.Instant",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "StartTimestamp",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "StartTimestamp",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "INSTANT",
"name" : "StartTimestamp",
"setterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-
ddTHH:mm:ssZ" format.

@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.

"setterMethodName" : "setStartTimestamp",
"setterModel" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTimestamp",
  "variableType" : "java.time.Instant",
  "documentation" : null,
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.time.Instant",
  "variableName" : "startTimestamp",
  "variableType" : "java.time.Instant",
  "documentation" : \"UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.\",
  "simpleType" : "Instant",
  "variableSetterType" : "java.time.Instant"
},
"StepsList" : {
  "beanStyleGetterMethodName" : "getStepsList",
  "beanStyleSetterMethodName" : "setStepsList",
  "c2jName" : "StepsList",
  "c2jShape" : "UpgradeStepsList",
  "defaultConsumerFluentSetterDocumentation" : \"A list of \&lt;a\>UpgradeStepItem</a\> \&lt;/code\> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. This is a convenience that creates an instance of the \{@link List<UpgradeStepItem>.Builder\} avoiding the need to create one manually via \{@link List<UpgradeStepItem>#builder()\}.\n\nWhen the \{@link Consumer\} completes, \{@link List<UpgradeStepItem>.Builder#build()\} is called immediately and its result is passed to \{@link stepsList(List<UpgradeStepItem>)\}.\n@param stepsList a consumer that will call methods on \{@link List<UpgradeStepItem>.Builder\}\n@see stepsList(List<UpgradeStepItem>)\"
,  "deprecated" : false,
  "documentation" : \"A list of \&lt;a\>UpgradeStepItem</a\> \&lt;/code\> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. \</p\>\",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "stepsList",
  "fluentSetterDocumentation" : \"A list of \&lt;a\>UpgradeStepItem</a\> \&lt;/code\> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. \</p\>\n@see stepsList(List<UpgradeStepItem>)\"}
stepsList A list of `<code> <a>UpgradeStepItem</a> </code>` s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "stepsList",

"getterDocumentation" : "A list of `<code> <a>UpgradeStepItem</a> </code>` s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return A list of `<code> <a>UpgradeStepItem</a> </code>` s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.

"getterModel" : {
    "returnType" : "java.util.List<UpgradeStepItem>",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "StepsList",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "StepsList",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
        "beanStyleSetterMethodName" : "setMember",
        "c2jName" : "member",
        "c2jShape" : "UpgradeStepItem",
        "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [ @link UpgradeStepItem.Builder ] avoiding the need to create one manually via [ @link UpgradeStepItem#builder() ]. When the [ @link Consumer ] completes, [ @link UpgradeStepItem.Builder#build() ] is called immediately and its result is passed to [ @link #member(UpgradeStepItem) ]. @param member a consumer that will call methods on [ @link UpgradeStepItem.Builder ] @return Returns a reference to this object so that method calls can be chained together. @see #member(UpgradeStepItem)"},

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"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "UpgradeStepItem",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@returns The new value for the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "returnType" : "UpgradeStepItem",
  "documentation" : null
},
"streamable" : false,
"updateType" : ".",
"uri" : "/api/1.0/objects/agents/upgradeStepItem/Destroy"}
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "variableType" : "member",
  "variableName" : "member",
  "variableType" : "UpgradeStepItem",
  "documentation" : null,
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "variableName" : "member",
  "variableType" : "UpgradeStepItem",
  "documentation" : null,
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat" : null,
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeStepItem",
"templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
"templateType" : "java.util.List<UpgradeStepItem>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StepsList",
"setterDocumentation" : "<p> A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. </p>
@param stepsList A list of <code> <a>UpgradeStepItem</a> </code> s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check."

"setterMethodName" : "setStepsList",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
  "variableName" : "stepsList",
  "variableType" : "java.util.List<UpgradeStepItem>",
  "documentation" : null,
  "simpleType" : "List<UpgradeStepItem>",
  "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "java.util.List<UpgradeStepItem>",
"variableName" : "stepsList",
"variableType" : "java.util.List<UpgradeStepItem>",
"documentation" : "A list of UpgradeStepItem representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check."
"simpleType" : "List<UpgradeStepItem>",
"variableSetterType" : "java.util.Collection<UpgradeStepItem>"},
"xmlNameSpaceUri" : null
},
"UpgradeName" : {
"beanStyleGetterMethodName" : "getUpgradeName",
"beanStyleSetterMethodName" : "setUpgradeName",
"c2jName" : "UpgradeName",
"c2jShape" : "UpgradeName",
"defaultConsumerFluentSetterDocumentation" : "A string that describes the update briefly

This is a convenience that creates an instance of the String.Builder avoiding the need to create one manually via String#builder. When the Consumer completes, String.Builder#build is called immediately and its result is passed to UpgradeName(String) a consumer that will call methods on String.Builder#return Returns a reference to this object so that method calls can be chained together.

"deprecated" : false,
"documentation" : "A string that describes the update briefly",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "A string that describes the update briefly

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "A string that describes the update briefly

@return A string that describes the update briefly",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeName",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeName",
"uri" : false,
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "<p>A string that describes the update briefly</p>
@param upgradeName A string that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeName",
  "variableType" : "String",
  "documentation" : "A string that describes the update briefly",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"UpgradeStatus" : {
  "beanStyleGetterMethodName" : "getUpgradeStatusAsString",
  "beanStyleSetterMethodName" : "setUpgradeStatus",
  "c2jName" : "UpgradeStatus",
  "defaultConsumerFluentSetterDocumentation" : "The overall status of the update. The status can take one of the following values: \n\n- In Progress
- Succeeded
- Succeeded with Issues
- Failed

This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String#builder()].\n\nWhen the [Consumer] completes, \n"
String.Builder#build()} is called immediately and its result is passed to {@link String.Builder}.

```
@Param upgradeStatus a consumer that will call methods on {@link String.Builder}
@returns Returns a reference to this object so that method calls can be chained together.
@see #upgradeStatusAsString(String)"

deprecated: false,

documentation": "<p> The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

enumType": "UpgradeStatus",

eventHeader": false,

eventPayload": false,

fluentEnumGetterMethodName": "upgradeStatus",

fluentEnumSetterMethodName": "upgradeStatus",

fluentGetterMethodName": "upgradeStatusAsString",

fluentSetterDocumentation": "<p> The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

get documentation": "null",

http": {

additionalMarshallingPath": null,

additionalUnmarshallingPath": null,

flattened": false,

greedy": false,

header": false,

isPayload": false,

isStreaming": false,

location": null,

marshallLocation": "PAYLOAD",

marshallLocationName": "UpgradeStatus",

queryString": false,

statusCode": false,

unmarshallLocationName": "UpgradeStatus",

uri": false,

idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "UpgradeStatus",
"setterDocumentation": "<p>The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
@param upgradeStatus The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>
@see UpgradeStatus",
"setterMethodName": "setUpgradeStatus",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "upgradeStatus",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "upgradeStatus",
  "variableType": "String",
  "documentation": "<p>The overall status of the update. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul></p>
"simpleType": "String",
  "variableSetterType": "String"
},
"xmlnsNameSpaceUri": null
},
"nonStreamingMembers": [{
  "beanStyleGetterMethodName": "getUpgradeName",
  "beanStyleSetterMethodName": "setUpgradeName",
  "c2jName": "UpgradeName",
  "c2jShape": "UpgradeName",
  "defaultConsumerFluentSetterDocumentation": "<p>A string that describes the update briefly</p>

This is a convenience that creates an instance of the [ @link String.Builder ] avoiding the need to create one manually via [ @link String#builder() ]. When the [ @link Consumer ] completes, [ @link String.Builder#build() ] is called immediately and its result is passed to [ @link upgradeName(String) ].

@param upgradeName A consumer that will call methods on [ @link String.Builder ]
@returns Returns a reference to this object so that method calls can be chained together.
@see upgradeName(String)
  "deprecated": false,
  "documentation": "<p>A string that describes the update briefly</p>"},
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "upgradeName",
"fluentSetterDocumentation" : "<p>A string that describes the update briefly</p>
@param upgradeName A string that describes the update briefly
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "upgradeName",
"getterDocumentation" : "<p>A string that describes the update briefly</p>
@return A string that describes the update briefly",
"getterModel" : {
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  "documentation" : null
},
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeName",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeName",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeName",
"setterDocumentation" : "<p>A string that describes the update briefly</p>
@param upgradeName A string that describes the update briefly",
"setterMethodName" : "setUpgradeName",
"setterModel" : {
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  "variableName" : "upgradeName",
  "variableType" : "String"
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
",
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String",
"variableName" : "upgradeName",
"variableType" : "String",
"documentation" : "<p>A string that describes the update briefly</p>",
"simpleType" : "String",
"variableSetterType" : "String"
",
"xmlNameSpaceUri" : null
",
"beanStyleGetterMethodName" : "getStartTimestamp",
"beanStyleSetterMethodName" : "setStartTimestamp",
"c2jName" : "StartTimestamp",
"c2jShape" : "StartTimestamp",
"defaultConsumerFluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>
This is a convenience that creates an instance of the { @link Instant.Builder} avoiding the need to create one manually via { @link Instant.Builder}.

When the { @link Consumer} completes, { @link Instant.Builder#build()} is called immediately and its result is passed to { @link StartTimestamp(Instant)}.

@see StartTimestamp(Instant)
",
"deprecated" : false,
"documentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "startTimestamp",
"fluentSetterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>
@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.
@return Returns a reference to this object so that method calls can be chained together."
",
"fluentSetterMethodName" : "startTimestamp",
"getterDocumentation" : "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.</p>
@return UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.
",
"getterModel" : {
"returnType" : "java.time.Instant",
"documentation" : null
}.
"http": {  
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  "additionalUnmarshallingPath": null,  
  "flattened": false,  
  "greedy": false,  
  "header": false,  
  "isPayload": false,  
  "isStreaming": false,  
  "location": null,  
  "marshallLocation": "PAYLOAD",  
  "marshallLocationName": "StartTimestamp",  
  "queryString": false,  
  "statusCode": false,  
  "unmarshallLocationName": "StartTimestamp",  
  "uri": false  
},  
"idempotencyToken": false,  
"isBinary": false,  
"jsonValue": false,  
"list": false,  
"listModel": null,  
"map": false,  
"mapModel": null,  
"marshallingType": "INSTANT",  
"name": "StartTimestamp",  
"setterDocumentation": "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.
@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.
</p>\n@param startTimestamp UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.,  
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"setterModel": {  
  "variableDeclarationType": "java.time.Instant",  
  "variableName": "startTimestamp",  
  "variableType": "java.time.Instant",  
  "documentation": null,  
  "simpleType": "Instant",  
  "variableSetterType": "java.time.Instant"  
},  
"simple": true,  
"timestampFormat": null,  
"variable": {  
  "variableDeclarationType": "java.time.Instant",  
  "variableName": "startTimestamp",  
  "variableType": "java.time.Instant",  
  "documentation": "<p>UTC Timestamp at which the Upgrade API call was made in \"yyyy-MM-ddTHH:mm:ssZ\" format.
</p>\n","simpleType": "Instant",  
  "variableSetterType": "java.time.Instant"  
},
"xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getUpgradeStatusAsString",
"beanStyleSetterMethodName" : "setUpgradeStatus",
"c2jName" : "UpgradeStatus",
"c2jShape" : "UpgradeStatus",
"defaultConsumerFluentSetterDocumentation" : "The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> This is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder].When the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [String.Builder#upgradeStatusAsString(String)].

@see String.Builder
\n@returns an upgradeStatus

@see UpgradeStatus(String)",
"deprecated" : false,
"documentation" : "The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> 
"enumType" : "UpgradeStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStatus",
"fluentEnumSetterMethodName" : "upgradeStatus",
"fluentGetterMethodName" : "upgradeStatusAsString",
"fluentSetterDocumentation" : "The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>
@see UpgradeStatus
\n@returns an upgradeStatus

@see UpgradeStatus",
"getterDocumentation" : "The overall status of the update. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeStatus",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeStatus",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStatus",
"setterDocumentation" : "The overall status of the update. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed. \n@param upgradeStatus The overall status of the update. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed. \n@see UpgradeStatus",
"setterMethodName" : "setUpgradeStatus",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStatus",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "upgradeStatus",
    "variableType" : "String",
    "documentation" : "The overall status of the update. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed. \n@param upgradeStatus The overall status of the update. The status can take one of the following values: In Progress, Succeeded, Succeeded with Issues, Failed. \n@see UpgradeStatus",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
{
    "beanStyleGetterMethodName" : "getStepsList",
    "beanStyleSetterMethodName" : "setStepsList",
    "c2jName" : "StepsList",
    "c2jShape" : "UpgradeStepsList",
    "marshallLocation" : null,
    "marshallLocationName" : "UpgradeStepsList",
    "marshallingType" : "STRING",
    "name" : "UpgradeStepsList",
    "setterDocumentation" : "The UpgradeStepsList defines the steps involved in the upgrade process. \n@see UpgradeStepsList",
    "setterMethodName" : "setUpgradeStepsList",
    "setterModel" : {
        "variableDeclarationType" : "String",
        "variableName" : "upgradeStepsList",
        "variableType" : "String",
        "documentation" : null,
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "simple" : true,
    "timestampFormat" : null,
    "variable" : {
        "variableDeclarationType" : "String",
        "variableName" : "upgradeStepsList",
        "variableType" : "String",
        "documentation" : "The UpgradeStepsList defines the steps involved in the upgrade process. \n@see UpgradeStepsList",
        "simpleType" : "String",
        "variableSetterType" : "String"
    },
    "xmlNameSpaceUri" : null
}
"defaultConsumerFluentSetterDocumentation": "<p>A list of <code>UpgradeStepItem</code>s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. 

This is a convenience that creates an instance of the <code>List<UpgradeStepItem>Builder</code> avoiding the need to create one manually via <code>List<UpgradeStepItem>#builder()</code>. 

When the <code>Consumer</code> completes, <code>List<UpgradeStepItem>Builder#build()</code> is called immediately and its result is passed to <code>List<UpgradeStepItem>StepsList</code>. 

When the <code>Consumer</code> completes, <code>StepsList</code> is returned. 

A list of <code>UpgradeStepItem</code>s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. 

@param stepsList A list of <code>UpgradeStepItem</code>s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. 

@return Returns a reference to this object so that method calls can be chained together. 

A list of <code>UpgradeStepItem</code>s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. 

@param stepsList A list of <code>UpgradeStepItem</code>s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. 

@return Returns a reference to this object so that method calls can be chained together. 

A list of <code>UpgradeStepItem</code>s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. 

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException. 

A list of <code>UpgradeStepItem</code>s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. 

@return A list of <code>UpgradeStepItem</code>s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check. 


"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "UpgradeStepItem",
    "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{ @link UpgradeStepItem.Builder \} avoiding the need to create one manually via \{ @link UpgradeStepItem#builder() \}. When the \{ @link Consumer \} completes, \{ @link UpgradeStepItem.Builder#build() \} is called immediately and its result is passed to \{ @link #member(UpgradeStepItem) \}. \n\n@return Returns a reference to this object so that method calls can be chained together. \n\n@see #member(UpgradeStepItem)",
  "deprecated" : false,
  "documentation" : "",
  "eventType" : null,
  "eventHeader" : false,
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  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object. \n\n@member The new value for the Member property for this object. \n\n@member Returns a reference to this object so that method calls can be chained together. \n\n@defaultConsumerFluentSetterDocumentation" : "Returns a reference to this object so that method calls can be chained together. \n\ngetMember Documentation for the Member property for this object. \n\ngetMember Documentation for the Member property for this object.",
  "getterDocumentation" : "Returns the value of the Member property for this object. \n\ngetMember Returns the value of the Member property for this object.",
  "getterModel" : {
    "returnType" : "UpgradeStepItem",
    "documentation" : null
  },
  "http" : {
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    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
  }
}
"queryString" : false,
"resultCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "variableName" : "member",
  "variableType" : "UpgradeStepItem",
  "documentation" : null,
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "UpgradeStepItem",
  "variableName" : "member",
  "variableType" : "UpgradeStepItem",
  "documentation" : null,
  "simpleType" : "UpgradeStepItem",
  "variableSetterType" : "UpgradeStepItem"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "UpgradeStepItem",
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"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : false,
"simpleType" : "UpgradeStepItem",
"templateImplType" : "java.util.ArrayList<UpgradeStepItem>",
"templateType" : "java.util.List<UpgradeStepItem>"}
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "StepsList",
"setterDocumentation" : "A list of UpgradeStepItem s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.
@param stepsList A list of UpgradeStepItem s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.",
"setterMethodName" : "setStepsList",

"setterModel" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
  "variableName" : "stepsList",
  "variableType" : "java.util.List<UpgradeStepItem>",
  "documentation" : null,
  "simpleType" : "List<UpgradeStepItem>",
  "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<UpgradeStepItem>",
  "variableName" : "stepsList",
  "variableType" : "java.util.List<UpgradeStepItem>",
  "documentation" : "A list of UpgradeStepItem s representing information about each step performed as part of a specific Upgrade or Upgrade Eligibility Check.",
  "simpleType" : "List<UpgradeStepItem>",
  "variableSetterType" : "java.util.Collection<UpgradeStepItem>"
},
"xmlNameSpaceUri" : null
],
"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "UpgradeHistory",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "UpgradeHistory",
  "variableName" : "upgradeHistory",
  "variableType" : "UpgradeHistory",
  "documentation" : null,
  "simpleType" : "UpgradeHistory",
  "variableSetterType" : "UpgradeHistory"
},
"wrapper" : false
}
"UpgradeStatus" : {
  "c2jName" : "UpgradeStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
    "staxTargetDepthOffset" : 0
  },
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  "documentation" : "",
  "enums" : [
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      "value" : "IN_PROGRESS"
    },
    {
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      "value" : "SUCCEEDED"
    },
    {
      "name" : "SUCCEEDED_WITH_ISSUES",
      "value" : "SUCCEEDED_WITH_ISSUES"
    },
    {
      "name" : "FAILED",
      "value" : "FAILED"
    }
  ],
  "errorCode" : null,
  "event" : false,
  "eventStream" : false,
  "explicitEventPayloadMember" : null,
  "hasHeaderMember" : false,
  "hasPayloadMember" : false,
  "hasStatusCodeMember" : false,
  "hasStreamingMember" : false,
  "httpStatusCode" : null,
  "marshaller" : null,
  "members" : [],
  "membersAsMap" : {},
  "nonStreamingMembers" : [],
  "requestSignerAware" : false,
  "requestSignerClassFqcn" : null,
  "required" : null,
  "shapeName" : "UpgradeStatus",
  "simpleMethod" : false,
  "unmarshaller" : {
    "flattened" : false,
    "resultWrapper" : null
  },
  "variable" : {
    "variableDeclarationType" : "UpgradeStatus",
  }
}
"variableName" : "upgradeStatus",
"variableType" : "UpgradeStatus",
"documentation" : null,
"simpleType" : "UpgradeStatus",
"variableSetterType" : "UpgradeStatus"
},
"wrapper" : false
},
"UpgradeStep" : {
 "c2jName" : "UpgradeStep",
 "customization" : {
  "artificialResultWrapper" : null,
  "skipGeneratingMarshaller" : false,
  "skipGeneratingModelClass" : false,
  "skipGeneratingUnmarshaller" : false,
  "staxTargetDepthOffset" : 0
 },
 "deprecated" : false,
 "documentation" : "",
 "enums" : [ 
  { "name" : "PRE_UPGRADE_CHECK",
    "value" : "PRE_UPGRADE_CHECK"
  },
  { "name" : "SNAPSHOT",
    "value" : "SNAPSHOT"
  },
  { "name" : "UPGRADE",
    "value" : "UPGRADE"
  } ],
 "errorCode" : null,
 "event" : false,
 "eventStream" : false,
 "explicitEventPayloadMember" : null,
 "hasHeaderMember" : false,
 "hasPayloadMember" : false,
 "hasStatusCodeMember" : false,
 "hasStreamingMember" : false,
 "httpStatusCode" : null,
 "marshaller" : null,
 "marshaller" : null,
 "members" : [ ],
 "membersAsMap" : { },
 "nonStreamingMembers" : [ ],
 "requestSignerAware" : false,
 "requestSignerClassFqcn" : null,
 "required" : null,
 "shapeName" : "UpgradeStep",
 "simpleMethod" : false,
 "unmarshaller" : { }
"flattened": false,
"resultWrapper": null
},
"variable": {
  "variableDeclarationType": "UpgradeStep",
  "variableName": "upgradeStep",
  "variableType": "UpgradeStep",
  "documentation": null,
  "simpleType": "UpgradeStep",
  "variableSetterType": "UpgradeStep"
},
"wrapper": false
},
"UpgradeStepItem": {
  "c2jName": "UpgradeStepItem",
  "customization": {
    "artificialResultWrapper": null,
    "skipGeneratingMarshaller": false,
    "skipGeneratingModelClass": false,
    "skipGeneratingUnmarshaller": false,
    "staxTargetDepthOffset": 0
  },
  "deprecated": false,
  "documentation": "<p>Represents a single step of the Upgrade or Upgrade Eligibility Check workflow.</p>",
  "enums": null,
  "errorCode": null,
  "event": false,
  "eventStream": false,
  "explicitEventPayloadMember": null,
  "hasHeaderMember": false,
  "hasPayloadMember": false,
  "hasStatusCodeMember": false,
  "hasStreamingMember": false,
  "httpStatusCode": null,
  "marshaller": null,
  "members": [
    "beanStyleGetterMethodName": "getUpgradeStepAsString",
    "beanStyleSetterMethodName": "setUpgradeStep",
    "c2jName": "UpgradeStep",
    "c2jShape": "UpgradeStep",
    "defaultConsumerFluentSetterDocumentation": "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul><li>PreUpgradeCheck</li><li>Snapshot</li><li>Upgrade</li></ul> This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder()\n\nWhen the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #upgradeStepAsString(String)\n\n@see #upgradeStep(String)",
    "deprecated": false,
"documentation": "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
"enumType": "UpgradeStep",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "upgradeStep",
"fluentEnumSetterMethodName": "upgradeStep",
"fluentGetterMethodName": "upgradeStepAsString",
"fluentSetterDocumentation": "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep
@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep",
"getterDocumentation": "<p>Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>

If the service returns an enum value that is not available in the current SDK version, UpgradeStep#UNKNOWN_TO_SDK_VERSION. The raw value returned by the service is available from UpgradeStepAsString.

@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep",
"getterModel": {
  "returnType": "String",
  "documentation": null
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "UpgradeStep",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "UpgradeStep",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"fluentGetterMethodName" : "upgradeStepStatusAsString",
"fluentSetterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @see UpgradeStatus @return Returns a reference to this object so that method calls can be chained together. @see UpgradeStatus",
"fluentSetterMethodName" : "upgradeStepStatus",
"getterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @see UpgradeStatus",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeStepStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeStepStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStepStatus",
"setterDocumentation" : "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @see UpgradeStatus"
In Progress
Succeeded
Succeeded with Issues
Failed

A list of strings containing detailed information about the errors encountered in a particular step.

A list of strings containing detailed information about the errors encountered in a particular step.

A list of strings containing detailed information about the errors encountered in a particular step.
"fluentSetterMethodName": "issues",
"getterDocumentation": "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return A list of strings containing detailed information about the errors encountered in a particular step.",

"getterModel": {
  "returnType": "java.util.List<String>",
  "documentation": null
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "Issues",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "Issues",
  "uri": false
},

"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "Issue",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object.

This is a convenience that creates an instance of the \{@link String.Builder\} avoiding the need to create one manually via \{@link String.Builder\}.\n\nWhen the \{@link Consumer\} completes, \{@link String.Builder\}#build\) is called immediately and its result is passed to \{@link #member(String)\}.\n\n@see #member(String)"
  }
},

"deprecated": false,
"documentation": "",
"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object."
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member
The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null,
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>",
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "Issues",
"setterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>\n@param issues A list of strings containing detailed information about the errors encountered in a particular step.",
"setterMethodName" : "setIssues",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "issues",
    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "issues",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>",
    "simpleType" : "List<String>"}
"variableSetterType" : "java.util.Collection<String>",
"xmlNameSpaceUri" : null
},
{
"beanStyleGetterMethodName" : "getProgressPercent",
"beanStyleSetterMethodName" : "setProgressPercent",
"c2jName" : "ProgressPercent",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>
This is a convenience that creates an instance of the \{@link Double.Builder\} avoiding the need to create one manually via \{@link Double#create\}.

When the \{@link Consumer\} completes, \{@link Double.Builder#build\} is called immediately and its result is passed to \{@link DoubleBuilder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #progressPercent(Double)",
"deprecated" : false,
"documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "progressPercent",
"fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>
@param progressPercent The Floating point value representing progress percentage of a particular step.
@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "progressPercent",
"getterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>
@return The Floating point value representing progress percentage of a particular step.",
"getterModel" : {
"returnType" : "Double",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "ProgressPercent",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ProgressPercent",
"uri" : false
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "ProgressPercent",
"setterDocumentation" : "\nThe Floating point value representing progress percentage of a particular step.\n\n@param progressPercent The Floating point value representing progress percentage of a particular step.\n",
"setterMethodName" : "setProgressPercent",
"setterModel" : {
  "variableDeclarationType" : "Double",
  "variableName" : "progressPercent",
  "variableType" : "Double",
  "documentation" : null,
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "Double",
  "variableName" : "progressPercent",
  "variableType" : "Double",
  "documentation" : "\nThe Floating point value representing progress percentage of a particular step.\n",
  "simpleType" : "Double",
  "variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
"Issues" : {
  "beanStyleGetterMethodName" : "getIssues",
  "beanStyleSetterMethodName" : "setIssues",
  "c2jName" : "Issues",
  "c2jShape" : "Issues",
  "defaultConsumerFluentSetterDocumentation" : "\nA list of strings containing detailed information about the errors encountered in a particular step.\nThis is a convenience that creates an instance of the \n{\link List<String>.Builder} avoiding the need to create one manually via \n{\link List<String>#builder()}.\n\nWhen the \n{\link List<String>.Builder} completes, \n{\link List<String>.Builder#build()} is called immediately and its result is passed to \n{\link List<String>.Builder}.\n\n@see \#issues(List<String>)\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@deprecated\nA list of strings containing detailed information about the errors encountered in a
particular step.\p>
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "issues",
"fluentSetterDocumentation" : "\p>A list of strings containing detailed information about the errors encountered in a particular step.\n@param issues A list of strings containing detailed information about the errors encountered in a particular step.\n@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "issues",
"getterDocumentation" : "\p>A list of strings containing detailed information about the errors encountered in a particular step.\n\p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n\p>\n@return A list of strings containing detailed information about the errors encountered in a particular step.",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Issues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Issues",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"ListModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Issue",
    "getterDocumentation" : "\p>A list of strings containing detailed information about the errors encountered in a particular step.\n\p>\nAttempts to modify the collection returned by this method will result in an
UnsupportedOperationException.\n\p>\n@return A list of strings containing detailed information about the errors encountered in a particular step."
},
"returnType" : "java.util.List<String",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Issues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Issues",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()]. When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #member(String)].

@return Returns a reference to this object so that method calls can be chained together.
@see #member(String)",

"deprecated" : false,
"documentation" : ",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@param member
@returns a reference to this object so that method calls can be chained together.
@see #member(String)",

The new value for the Member property for this object.
@returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@returns The value of the Member property for this object.

"getterModel" : {

"returnType" : "String",
"documentation" : null
},

"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",

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"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "Issues",
"setterDocumentation" : "A list of strings containing detailed information about the errors encountered in a particular step.

@param issues A list of strings containing detailed information about the errors encountered in a particular step."
"setterMethodName" : "setIssues",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "issues",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>"}
"variableSetterType" : "java.util.Collection<String>"},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "issues",
"variableType" : "java.util.List<String>",
"documentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>",
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"ProgressPercent" : {
"beanStyleGetterMethodName" : "getProgressPercent",
"beanStyleSetterMethodName" : "setProgressPercent",
"c2jName" : "ProgressPercent",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.\nThis is a convenience that creates an instance of the {@link Double.Builder} avoiding the need to create one manually via {@link Double#builder()}.\nWhen the {@link Consumer} completes, {@link Double.Builder#build()} is called immediately and its result is passed to {@link #progressPercent(Double)}.\n@param progressPercent a consumer that will call methods on {@link Double.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #progressPercent(Double)",
"deprecated" : false,
"documentation" : "<p>The Floating point value representing progress percentage of a particular step.\n</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "progressPercent",
"fluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.\n\n@return Returns a reference to this object so that method calls can be chained together.\n</p>",
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened": false,
"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "ProgressPercent",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "ProgressPercent",
"uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "DOUBLE",
"name": "ProgressPercent",
"setterDocumentation": "<p>The Floating point value representing progress percentage of a particular step.</p>
@param progressPercent The Floating point value representing progress percentage of a particular step.",
"setterMethodName": "setProgressPercent",
"setterModel": {
  "variableDeclarationType": "Double",
  "variableName": "progressPercent",
  "variableType": "Double",
  "documentation": null,
  "simpleType": "Double",
  "variableSetterType": "Double"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "Double",
  "variableName": "progressPercent",
  "variableType": "Double",
  "documentation": "<p>The Floating point value representing progress percentage of a particular step.</p>",
  "simpleType": "Double",
  "variableSetterType": "Double"
},
"xmlNameSpaceUri": null
},
"UpgradeStep": {
  "beanStyleGetterMethodName": "getUpgradeStepAsString",
  "beanStyleSetterMethodName": "setUpgradeStep"
"c2jName" : "UpgradeStep",
"c2jShape" : "UpgradeStep",
"defaultConsumerFluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> This is a convenience that creates an instance of the {<link String.Builder>} avoiding the need to create one manually via {<link String.Builder>}. When the {<link Consumer>} completes, {<link String.Builder>} is called immediately and its result is passed to {<link #upgradeStepAsString(String)>}. When the {<link String.Builder>} completes, {<link String.Builder>} is called immediately and its result is passed to {<link #upgradeStepAsString(String)>}.<li>@param upgradeStep a consumer that will call methods on {<link String.Builder>}<li>@return Returns a reference to this object so that method calls can be chained together.<li>@see #upgradeStepAsString(String)",
"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> When the {<link Consumer>} completes, {<link String.Builder>} is called immediately and its result is passed to {<link #upgradeStepAsString(String)>}.<li>@param upgradeStep a consumer that will call methods on {<link String.Builder>}<li>@return Returns a reference to this object so that method calls can be chained together.<li>@see #upgradeStepAsString(String)",
"enumType" : "UpgradeStep",
"eventId" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStep",
"fluentEnumSetterMethodName" : "upgradeStep",
"fluentGetterMethodName" : "upgradeStepAsString",
"fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>
@param upgradeStep Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep
@return Returns a reference to this object so that method calls can be chained together.<li>@see UpgradeStep",
"fluentSetterMethodName" : "upgradeStep",
"getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> <p>If the service returns an enum value that is not available in the current SDK version, {<link #upgradeStep> will return {<link UpgradeStep#UNKNOWN_TO_SDK_VERSION}}. The raw value returned by the service is available from {<link #upgradeStepAsString>}.<li>@param upgradeStep Representsof one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>
@see UpgradeStep",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
  },
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeStep",
  "queryString" : false,
  "statusCode" : false,
  "statusLocation" : false,
  "unmarshallLocationName" : "UpgradeStep",
"Open Source Used In Data Center Network Manager 11 11.5(4) 24157"}
Open Source Used In Data Center Network Manager 11 11.5(4) 24158
String.Builder}
@return Returns a reference to this object so that method calls can be chained together.
@see #upgradeStepStatus(String),
"deprecated" : false,
"documentation" : "<p>The status of a particular step during an upgrade. The status can take one of the following values: <ul><li>In Progress</li><li>Succeeded</li><li>Succeeded with Issues</li><li>Failed</li></ul>\</p>,
"enumType" : "UpgradeStatus",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStepStatus",
"fluentEnumSetterMethodName" : "upgradeStepStatus",
"fluentGetterMethodName" : "upgradeStepStatusAsString",
"fluentSetterDocumentation" : "<p>The status of a particular step during an upgrade. The status can take one of the following values: <ul><li>In Progress</li><li>Succeeded</li><li>Succeeded with Issues</li><li>Failed</li></ul>\</p>

If the service returns an enum value that is not available in the current SDK version, \{@link UpgradeStatus\} will return \{@link UpgradeStatus#UNKNOWN_TO_SDK_VERSION\}. The raw value returned by the service is available from \{@link #upgradeStepStatusAsString\}.\n\n\n\n@see UpgradeStatus\n@return Returns a reference to this object so that method calls can be chained together.\n\n\n\n\n\n
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStepStatus",
"setterDocumentation" : "The status of a particular step during an upgrade. The status can take one of the following values: \n<ul>\n<li>In Progress</li>\n<li>Succeeded</li>\n<li>Succeeded with Issues</li>\n<li>Failed</li>\n</ul>\n@see UpgradeStatus",
"setterMethodName" : "setUpgradeStepStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStepStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStepStatus",
  "variableType" : "String",
  "documentation" : "The status of a particular step during an upgrade. The status can take one of the following values: \n<ul>\n<li>In Progress</li>\n<li>Succeeded</li>\n<li>Succeeded with Issues</li>\n<li>Failed</li>\n</ul>\n@see UpgradeStatus",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getUpgradeStepAsString",
  "beanStyleSetterMethodName" : "setUpgradeStep",
  "c2jName" : "UpgradeStep",
  "c2jShape" : "UpgradeStep",
  "defaultConsumerFluentSetterDocumentation" : "Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: \n<ul>\n<li>PreUpgradeCheck</li>\n<li>Snapshot</li>\n<li>Upgrade</li>\n</ul>\nThis is a convenience that creates an instance of the \@link String.Builder\) avoiding the need to create one manually via \@link String#builder()\). \nWhen the \@link Consumer\) completes, \@link String.Builder#build()\) is called immediately and its result is passed to \@link UpgradeStepAsString(String)\). \n@see upgradeStep(String)"
"deprecated" : false,
"documentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through:
<ul>
<li>PreUpgradeCheck</li>
<li>Snapshot</li>
<li>Upgrade</li>
</ul>
"enumType" : "UpgradeStep",
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : "upgradeStep",
"fluentEnumSetterMethodName" : "upgradeStep",
"fluentGetterMethodName" : "upgradeStepAsString",
"fluentSetterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: <ul>
<li>PreUpgradeCheck</li>
<li>Snapshot</li>
<li>Upgrade</li>
</ul>
@see UpgradeStep
@return Returns a
reference to this object so that method calls can be chained together.
@see UpgradeStep",
"getterDocumentation" : "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: <ul>
<li>PreUpgradeCheck</li>
<li>Snapshot</li>
<li>Upgrade</li>
</ul>
If the service returns an enum value that is not available in the current SDK version, {@link #upgradeStep} will return {@link UpgradeStep#UNKNOWN_TO_SDK_VERSION}. The raw value returned by the service is available from {@link #upgradeStepAsString}.
</p>
@return Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check
does through: <ul>
<li>PreUpgradeCheck</li>
<li>Snapshot</li>
<li>Upgrade</li>
</ul>
@see UpgradeStep",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "UpgradeStep",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "UpgradeStep",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType": "STRING",
"name": "UpgradeStep",
"setterDocumentation": "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul>\n@see UpgradeStep",
"setterMethodName": "setUpgradeStep",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "upgradeStep",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "upgradeStep",
  "variableType": "String",
  "documentation": "<p> Represents one of 3 steps that an Upgrade or Upgrade Eligibility Check does through: <ul> <li>PreUpgradeCheck</li> <li>Snapshot</li> <li>Upgrade</li> </ul> </p>",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,

"beanStyleGetterMethodName": "getUpgradeStepStatusAsString",
"beanStyleSetterMethodName": "setUpgradeStepStatus",
"c2jName": "UpgradeStepStatus",
"c2jShape": "UpgradeStatus",
"defaultConsumerFluentSetterDocumentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n\nThis is a convenience that creates an instance of the [ @link String.Builder] avoiding the need to create one manually via [ @link String#builder()]. When the [ @link Consumer] completes, [ @link String.Builder#build()] is called immediately and its result is passed to [ @link #upgradeStepStatusAsString(String)].\n\n@see #upgradeStepStatus(String)",
"deprecated": false,
"documentation": "<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul>\n\n\n@see #upgradeStepStatus(String)",
"enumType": "UpgradeStatus",
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": "upgradeStepStatus"
"fluentEnumSetterMethodName" : "upgradeStepStatus",
"fluentGetterMethodName" : "upgradeStepStatusAsString",
"fluentSetterDocumentation" : "The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> <p>@param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @see UpgradeStatus</p>

"getterDocumentation" : "The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> The raw value returned by the service is available from {@link #upgradeStepStatusAsString}. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @see UpgradeStatus",

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "UpgradeStepStatus",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "UpgradeStepStatus",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "UpgradeStepStatus",
"setterDocumentation" : "The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @param upgradeStepStatus The status of a particular step during an upgrade. The status can take one of the following values: <ul> <li>In Progress</li> <li>Succeeded</li> <li>Succeeded with Issues</li> <li>Failed</li> </ul> @see UpgradeStatus"
the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul>

@see UpgradeStatus

setterMethodName" : "setUpgradeStepStatus",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStepStatus",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,

"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "upgradeStepStatus",
  "variableType" : "String",
  "documentation" : 
<p> The status of a particular step during an upgrade. The status can take one of the following values: <ul>
<li>In Progress</li>
<li>Succeeded</li>
<li>Succeeded with Issues</li>
<li>Failed</li>
</ul> </p>,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},

  "beanStyleGetterMethodName" : "getIssues",
  "beanStyleSetterMethodName" : "setIssues",
  "c2jName" : "Issues",
  "c2jShape" : "Issues",
  "defaultConsumerFluentSetterDocumentation" : "A list of strings containing detailed information about the errors encountered in a particular step.

This is a convenience that creates an instance of the List<String>.Builder avoiding the need to create one manually via List<String>#builder().

When the List<String> completes, List<String>.Builder#build() is called immediately and its result is passed to Issues(List<String>).

@param issues a consumer that will call methods on List<String>.Builder

@see #issues(List<String>)",
  "deprecated" : false,
  "documentation" : "A list of strings containing detailed information about the errors encountered in a particular step.,

"enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "issues",
  "fluentSetterDocumentation" : "A list of strings containing detailed information about the errors encountered in a particular step.

@returns a reference to this object so that method calls can be chained together.

@see #issues(List<String>)"
}
chained together.

"fluentSetterMethodName" : "issues",
"getterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step. Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>

return A list of strings containing detailed information about the errors encountered in a particular step."

getterModel : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},

http : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Issues",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Issues",
  "uri" : false
},
idempotencyToken : false,
isBinary : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "Issue",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the {String.Builder} avoiding the need to create one manually via {String.Builder}. When the {Consumer} completes, the String.Builder#build() is called immediately and its result is passed to {String#member(String)}.

@See #member(String)"
  },
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventId" : false,
  "marshallLocation" : null,
  "marshallLocationName" : null,
  "marshallType" : "java.util.ArrayList",
  "marshallTypeProperty" : "list",
  "marshalLocation" : "PAYLOAD",
  "marshalLocationName" : "Issues",
  "marshallLocationNameArray" : null,
  "marshallLocationNameArrayIndex" : null,
  "marshallLocationNameArrayIndexArray" : null,
  "marshallLocationNameArrayIndexArrayIndex" : null,
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  "marshallLocationNameArrayIndexArrayIndexArrayIndexArrayIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndex" : null,
  "marshallLocationNameArrayIndexArrayIndexArrayIndexArrayIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndex" : null,
  "marshallLocationNameArrayIndexArrayIndexArrayIndexArrayIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndex" : null,
  "marshallLocationNameArrayIndexArrayIndexArrayIndexArrayIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndex" : null,
  "marshallLocationNameArrayIndexArrayIndexArrayIndexArrayIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndexIndex" : null,
"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@returns The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@returns The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
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"idempotencyToken" : false,
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"map" : false,
"mapModel" : null,
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"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@returns The new value for the Member property for this object.",
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"setterModel" : {
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  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
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  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
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"templateType" : "java.util.List<String>"
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"mapModel" : null,
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"name" : "Issues",
"setterDocumentation" : "<p>A list of strings containing detailed information about the errors encountered in a particular step.</p>
@param issues A list of strings containing detailed information about the errors encountered in a particular step.">
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"setterModel" : {
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  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
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"simple" : false,
"timestampFormat" : null,
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  "variableName" : "issues",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
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  "variableName" : "issues",
  "variableType" : "java.util.List<String>",
  "documentation" : "",
  "variableSetterType" : "java.util.Collection<String>"
}
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>",
"xmlNameSpaceUri" : null,
"beanStyleGetterMethodName" : "getProgressPercent",
"beanStyleSetterMethodName" : "setProgressPercent",
"c2jName" : "ProgressPercent",
"c2jShape" : "Double",
"defaultConsumerFluentSetterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}.\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #progressPercent(Double)}.\n@param progressPercent a consumer that will call methods on { @link Double.Builder}\n@return Returns a reference to this object so that method calls can be chained together.\n@see #progressPercent(Double)",
"deprecated" : false,
"documentation" : "The Floating point value representing progress percentage of a particular step.\n\nThis is a convenience that creates an instance of the { @link Double.Builder} avoiding the need to create one manually via { @link Double#builder()}.\nWhen the { @link Consumer} completes, { @link Double.Builder#build()} is called immediately and its result is passed to { @link #progressPercent(Double)}.\n\n@param progressPercent a consumer that will call methods on { @link Double.Builder}\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #progressPercent(Double)",
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"fluentGetterMethodName" : "progressPercent",
"fluentSetterDocumentation" : "The Floating point value representing progress percentage of a particular step.\n\nThe Floating point value representing progress percentage of a particular step.\n\n@return Returns a reference to this object so that method calls can be chained together.\n@see #progressPercent(Double)",
"getterDocumentation" : "The Floating point value representing progress percentage of a particular step.\n\n@return The Floating point value representing progress percentage of a particular step.\n@see #progressPercent(Double)",
"getterModel" : {
"returnType" : "Double",
"documentation" : null
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"additionalUnmarshallingPath" : null,
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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
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"marshallLocationName" : "ProgressPercent",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "ProgressPercent"
"uri" : false
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"idempotencyToken" : false,
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"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "DOUBLE",
"name" : "ProgressPercent",
"setterDocumentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>
@param progressPercent The Floating point value representing progress percentage of a particular step.",
"setterMethodName" : "setProgressPercent",
"setterModel" : {
"variableDeclarationType" : "Double",
"variableName" : "progressPercent",
"variableType" : "Double",
"documentation" : null,
"simpleType" : "Double",
"variableSetterType" : "Double"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "Double",
"variableName" : "progressPercent",
"variableType" : "Double",
"documentation" : "<p>The Floating point value representing progress percentage of a particular step.</p>
", 
"simpleType" : "Double",
"variableSetterType" : "Double"
},
"xmlNameSpaceUri" : null
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"requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
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"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
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"variable" : {
"variableDeclarationType" : "UpgradeStepItem",
"variableName" : "upgradeStepItem",
"variableType" : "UpgradeStepItem",
"documentation" : null,
"simpleType": "UpgradeStepItem",
"variableSetterType": "UpgradeStepItem"
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"wrapper": false
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"VPCDerivedInfo": {
"c2jName": "VPCDerivedInfo",
"customization": {
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  "skipGeneratingModelClass": false,
  "skipGeneratingUnmarshaller": false,
  "staxTargetDepthOffset": 0
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"deprecated": false,
"documentation": "Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.",
"enums": null,
"errorCode": null,
"event": false,
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"hasStatusCodeMember": false,
"hasStreamingMember": false,
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"marshaller": null,
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    "beanStyleSetterMethodName": "setVpcId",
    "c2jName": "VPCId",
    "c2jShape": "String",
    "defaultValueConsumerFluentSetterDocumentation": "The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n\nThis is a convenience that creates an instance of the {\@link String.Builder} avoiding the need to create one manually via {\@link String#builder()}\.\n\nWhen the {\@link Consumer} completes, {\@link String.Builder#build()} is called immediately and its result is passed to {\@link VpcId(String)}\.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #vpcId(String)"
  },
  "deprecated": false,
  "documentation": "The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n\n\n"enzyme": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName" : "vpcId",
"fluentSetterDocumentation" : "&lt;p&gt;The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.&lt;/p&gt;\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n@return Returns a reference to this object so that method calls can be chained together.&lt;/p&gt;",
"fluentSetterMethodName" : "vpcId",
"getterDocumentation" : "&lt;p&gt;The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.&lt;/p&gt;\n@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.&lt;/p&gt;",
"getterModel" : {
"returnType" : "String",
"documentation" : null
}
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"http" : {
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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
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"marshallLocationName" : "VPCId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "VPCId",
"uri" : false
}
",
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VPCId",
"setterDocumentation" : "&lt;p&gt;The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.&lt;/p&gt;\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.&lt;/p&gt;",
"setterMethodName" : "setVpcId",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "vpcId",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",

"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "vpcId",
  "variableType" : "String",
  "documentation" : "The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions."",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "Specifies the subnets for VPC endpoint.

This is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}. When the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link #subnetIds(List<String>)}. When the { @link #subnetIds(List<String>)} completes, a consumer that will call methods on { @link List<String>.Builder} is called immediately and its result is passed to { @link #subnetIds(List<String>)}. Returns a reference to this object so that method calls can be chained together.

@see #subnetIds(List<String>)",
"deprecated" : false,
"documentation" : "Specifies the subnets for VPC endpoint.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

Returns a reference to this object so that method calls can be chained together.
",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "Specifies the subnets for VPC endpoint.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "Specifies the subnets for VPC endpoint.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

Returns a reference to this object so that method calls can be chained together.
",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshalllingPath" : null,
  "additionalUnmarshalllingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SubnetIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SubnetIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonData" : false,
"isBinary" : false,
"isStreaming" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String#builder() \}. When the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #member(String) \}.\n\n@param member a consumer that will call methods on \{ @link String.Builder \} \n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.\n\n@see #member(String)",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    }
  }
}
"http" : {
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  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
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"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
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"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
  
setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlnsSpaceUri" : null
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "SubnetIds",
"setterDocumentation": "\n@param subnetIds Specifies the subnets for VPC endpoint."
"setterMethodName": "setSubnetIds",
"setterModel": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "subnetIds",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>",
},
"simple": false,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "java.util.List<String>",
  "variableName": "subnetIds",
  "variableType": "java.util.List<String>",
  "documentation": "\n<p>Specifies the subnets for VPC endpoint.</p>"
  "simpleType": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
},
"xmlNameSpaceUri": null
},
"beanStyleGetterMethodName": "getAvailabilityZones",
"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
"c2jShape": "StringList",
"defaultConsumerFluentSetterDocumentation": "\n<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n</p>\nThis is a convenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually via { @link List<String>#builder()}.\nWhen the { @link Consumer} completes, { @link List<String>.Builder#build()} is called immediately and its result is passed to { @link availabilityZones(List<String>)}.\n\n@param availabilityZones a consumer that will call methods on { @link List<String>.Builder}\n@return Returns a reference to this object so that method calls can be chained
@see #availabilityZones(List<String>)

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deprecated" : false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

enumType" : null,
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"eventPayload" : false,
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"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

Attemps to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

"getterModel" : {

returnType" : "java.util.List<String>",
"documentation" : null
}

"http" : {

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"additionalUnmarshallingPath" : null,
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"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
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"marshallLocationName" : "AvailabilityZones",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AvailabilityZones",
"uri" : false
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"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {

"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {

"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"deprecated" : false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

Attemps to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

"getterModel" : {

returnType" : "java.util.List<String>",
"documentation" : null
}

"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AvailabilityZones",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AvailabilityZones",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {

"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {

"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"deprecated" : false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

Attemps to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

"getterModel" : {

returnType" : "java.util.List<String>",
"documentation" : null
}

"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AvailabilityZones",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AvailabilityZones",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {

"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {

"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"deprecated" : false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

Attemps to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

"getterModel" : {

returnType" : "java.util.List<String>",
"documentation" : null
}

"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AvailabilityZones",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AvailabilityZones",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {

"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {

"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"deprecated" : false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "availabilityZones",
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

Attemps to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

"getterModel" : {

returnType" : "java.util.List<String>",
"documentation" : null
}

"http" : {

"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "AvailabilityZones",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "AvailabilityZones",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {

"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {

"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"deprecated" : false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

"enumType" : null,
"eventHeader" : false,
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the [String.Builder] avoiding the need to create one manually via [String.Builder].\nWhen the [Consumer] completes, [String.Builder#build()] is called immediately and its result is passed to [String#member(String)].\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThe new value for the Member property for this object.\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #member(String)",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@returns The value of the Member property for this object.\n@see #member(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
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"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
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    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"setterDocumentation" : "The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n\n@param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions."
,"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "availabilityZones",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
}
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>
",
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
",
  "xmlNameSpaceUri" : null
},

"beanStyleGetterMethodName" : "getSecurityGroupIds",
"beanStyleSetterMethodName" : "setSecurityGroupIds",
"c2jName" : "SecurityGroupIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>

This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the {@link Consumer} completes, {@link List<String>.Builder#build()} is called immediately and its result is passed to {@link #securityGroupIds(List<String>)}. The securityGroupIds a consumer that will call methods on {@link List<String>.Builder}@return Returns a reference to this object so that method calls can be chained together.@return Returns a reference to this object so that method calls can be chained together.,
  "deprecated" : false,
  "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "securityGroupIds",
  "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.@return Specifies the security groups for VPC endpoint.
",
  "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.@return Specifies the security groups for VPC endpoint.
",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "deprecated" : false,
  "documentation" : null,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "securityGroupIds",
  "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.@return Specifies the security groups for VPC endpoint.
",
  "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.@return Specifies the security groups for VPC endpoint.
",
  "getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
  },
  "deprecated" : false,
  "documentation" : null,
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
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  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "SecurityGroupIds",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "SecurityGroupIds",
  "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)].
\n@see #member(String)"
  }
},
"implType": "java.util.ArrayList",
"interfaceType": "java.util.List",
"listMemberModel": {
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  "beanStyleSetterMethodName": "setMember",
  "c2jName": "member",
  "c2jShape": "String",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)].
\n@see #member(String)"
  }
},
"deprecated": false,
"documentation": "",
"enumType": null,
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"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "member",
"fluentSetterMethodName": "member",
"fluentSetterDocumentation": "Sets the value of the Member property for this object.
\n@see #member(String)"
  }
},
"getMemberDocumentation": "Returns the value of the Member property for this object."
@see #getMember()"
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"returnType": "String",
"documentation": null
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"http": {
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"additionalUnmarshallingPath": null,
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"greedy": false,
"header": false,
"isPayload": false,
"isStreaming": false,
"location": null,
"marshallLocation": "PAYLOAD",
"marshallLocationName": "member",
"queryString": false,
"statusCode": false,
"unmarshallLocationName": "member",
"uri": false
},
"idempotencyToken": false,
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"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
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"variableType": "String",
"documentation": null,
"simpleType": "String",
"variableSetterType": "String"
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"variable": {
"variableDeclarationType": "String",
"variableName": "member",
"variableType": "String",
"documentation": "",
"simpleType": "",
"complexType": "String"}
"variableSetterType": "String",
"
"map": false,
"mapModel": null,
"marshallingType": "LIST",
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"setterDocumentation": "<p>Specifies the security groups for VPC endpoint.</p>@param securityGroupIds Specify the security groups for VPC endpoint.",
"setterMethodName": "setSecurityGroupIds",
"setterModel": {
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  "variableName": "securityGroupIds",
  "variableType": "java.util.List<String>",
  "documentation": null,
  "simple": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
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"simple": false,
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  "variableType": "java.util.List<String>",
  "documentation": "<p>Specifies the security groups for VPC endpoint.</p>",
  "simple": "List<String>",
  "variableSetterType": "java.util.Collection<String>"
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"xmlNameSpaceUri": null
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"beanStyleGetterMethodName": "getAvailabilityZones",
"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
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"availabilityZones": {
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"beanStyleSetterMethodName": "setAvailabilityZones",
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"c2jShape": "StringList",
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"availabilityZones": {
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"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
"c2jShape": "StringList",
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"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
"c2jShape": "StringList",
"defaultConsumerFluentSetterDocumentation": "<p>The availability zones for the Elasticsearch domain.
"availabilityZones": {
"beanStyleGetterMethodName": "getAvailabilityZones",
"beanStyleSetterMethodName": "setAvailabilityZones",
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"c2jShape": "StringList",
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"availabilityZones": {
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"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
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"availabilityZones": {
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"availabilityZones": {
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"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
"c2jShape": "StringList",
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"availabilityZones": {
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"beanStyleSetterMethodName": "setAvailabilityZones",
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"beanStyleSetterMethodName": "setAvailabilityZones",
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"c2jShape": "StringList",
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"beanStyleSetterMethodName": "setAvailabilityZones",
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"c2jShape": "StringList",
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"beanStyleSetterMethodName": "setAvailabilityZones",
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"c2jShape": "StringList",
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"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
"c2jShape": "StringList",
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"beanStyleSetterMethodName": "setAvailabilityZones",
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"availabilityZones": {
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"beanStyleSetterMethodName": "setAvailabilityZones",
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"c2jShape": "StringList",
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"beanStyleSetterMethodName": "setAvailabilityZones",
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"c2jShape": "StringList",
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"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
"c2jShape": "StringList",
"defaultConsumerFluentSetterDocumentation": "<p>The availability zones for the Elasticsearch domain.
"availabilityZones": {
"beanStyleGetterMethodName": "getAvailabilityZones",
"beanStyleSetterMethodName": "setAvailabilityZones",
"c2jName": "AvailabilityZones",
"c2jShape": "StringList",
"defaultConsumerFluentSetterDocumentation": "<p>The availability zones for the Elasticsearch domain.
"availabilityZones": {
"beanStyleGetterMethodName": "getAvailabilityZones",
"beam...
This is a convenience that creates an instance of the `List<String>.Builder` avoiding the need to create one manually via `List<String>#builder()`.

When the `Consumer` completes, `List<String>.Builder#build()` is called immediately and its result is passed to `availabilityZones(List<String>)`. A consumer that will call methods on `List<String>.Builder` is returned.

The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`. Returns a reference to this object so that method calls can be chained together.

The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

Attempts to modify the collection returned by this method will result in an `UnsupportedOperationException`. Returns a reference to this object so that method calls can be chained together.


"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{ @link String.Builder\} avoiding the need to create one manually via \{ @link String#builder()\}. When the \{ @link Consumer\} completes, \{ @link String.Builder#build()\} is called immediately and its result is passed to \{ @link #member(String)\}\n\n@param member a consumer that will call methods on \{ @link String.Builder\}\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\nThe new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)",
    "fluentSetterMethodName" : "member",
    "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.\n\n@see #member(String)",
    "getterModel" : {
      "returnType" : "String",
      "documentation" : null
    },
    "http" : {
      "additionalMarshallingPath" : null,
      "additionalUnmarshallingPath" : null,
      "flattened" : false,
      "greedy" : false,
      "header" : false,
      "isPayload" : false,
      "isStreaming" : false,
      "location" : null,
      "marshallLocation" : "PAYLOAD",
      "marshallLocationName" : "member",
      "queryString" : false,
      "statusCode" : false,
      "unmarshallLocationName" : "member",
      "uri" : false
    },
  }
}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
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"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
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  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlnsNamespaceUri": null
},
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "AvailabilityZones",
"setterDocumentation": "The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.\n\n@param availabilityZones The availability zones for the Elasticsearch domain."
Exists only if the domain was created with VPCOptions.

"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"SecurityGroupIds" : {
  "beanStyleGetterMethodName" : "getSecurityGroupIds",
  "beanStyleSetterMethodName" : "setSecurityGroupIds",
  "c2jName" : "SecurityGroupIds",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
This is a convenience that creates an instance of the [@link List<String>.Builder] avoiding the need to create one manually via [@link List<String>#builder()]. When the [@link Consumer] completes, [@link List<String>.Builder#build()] is called immediately and its result is passed to [@link #securityGroupIds(List<String>)].
@param securityGroupIds a consumer that will call methods on [@link List<String>.Builder]@return Returns a reference to this object so that method calls can be chained together.<p>@see #securityGroupIds(List<String>)
"deprecated" : false,
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n\n<param name="securityGroupIds" type="com.amazonaws.services.elasticsearch.model.SecurityGroupIds"> Specifies the security groups for VPC endpoint.\n@return Returns a reference to this object so that method calls can be chained together.\n<param name="securityGroupIds" type="com.amazonaws.services.elasticsearch.model.SecurityGroupIds"> Specifies the security groups for VPC endpoint.\nAttempts to modify
the collection returned by this method will result in an UnsupportedOperationException.

@return Specifies the security groups for VPC endpoint.

"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SecurityGroupIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SecurityGroupIds",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String.Builder\}.\n\nWhen the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #member(String) \}.
\n@see #member(String)
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String.Builder\}.\n\nWhen the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #member(String) \}.
\n@see #member(String)
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{ @link String.Builder \} avoiding the need to create one manually via \{ @link String.Builder\}.\n\nWhen the \{ @link Consumer \} completes, \{ @link String.Builder#build() \} is called immediately and its result is passed to \{ @link #member(String) \}.
\n@see #member(String)
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.",
"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member
The new value for the Member property for this object.

@return Returns a reference to this object so that method calls can be chained together.",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "securityGroupIds",
"variableType": "java.util.List<String>",
"documentation": "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds Specifies the security groups for VPC endpoint."
,"setterDocumentation": "<p>Specifies the security groups for VPC endpoint."
,"setterMethodName": "setSecurityGroupIds",
"setterModel": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "securityGroupIds",
"variableType": "java.util.List<String>",
"documentation": null,
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "securityGroupIds",
"variableType": "java.util.List<String>",
"documentation": ","\n@param securityGroupIds Specifies the security groups for VPC endpoint."
,"setterDocumentation": "<p>Specifies the security groups for VPC endpoint."
,"setterMethodName": "setSecurityGroupIds",
"setterModel": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "securityGroupIds",
"variableType": "java.util.List<String>",
"documentation": null,
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "securityGroupIds",
"variableType": "java.util.List<String>",
"documentation": null,
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "securityGroupIds",
"variableType": "java.util.List<String>",
"documentation": null,
"simple": false,
"timestampFormat": null,
"variable": {
"variableDeclarationType": "java.util.List<String>",
"variableName": "securityGroupIds",
"variableType": "java.util.List<String>",
"documentation": null,
"simple": false,
"timestampFormat": null,
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.
This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the {@link Consumer} completes, {@link List<String>.Builder#build()} is called immediately and its result is passed to {@link #subnetIds(List<String>)}.

When the {@link Consumer} completes, {@link List<String>.Builder#build()} is called immediately and its result is passed to {@link #subnetIds(List<String>)}.

@see #subnetIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
Specifies the subnets for VPC endpoint.

@see #subnetIds(List<String>)",
"getterDocumentation" : "<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
Attempts to modify the collection returned by this method will result in an UnsupportedOperationExce
tion.

@see #subnetIds(List<String>)",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SubnetIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SubnetIds",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue": false,
"list": true,
"listModel": {
  "implType": "java.util.ArrayList",
  "interfaceType": "java.util.List",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link String#builder()]. When the [@link Consumer] completes, [@link String.Builder#build()] is called immediately and its result is passed to [@link #member(String)].

@see #member(String)",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.
@return Returns a reference to this object so that method calls can be chained together.
@see #member(String)",
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.

@return The value of the Member property for this object.
@see #member(String)",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  }
},
"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
}
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : null,
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "String",
    "variableName" : "member",
    "variableType" : "String",
    "documentation" : "",
    "simpleType" : "String",
    "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.",
"setterMethodName" : "setSubnetIds",
"setterModel" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "subnetIds",
    "variableType" : "java.util.List<String>",
    "documentation" : null,
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
    "variableDeclarationType" : "java.util.List<String>",
    "variableName" : "subnetIds",
    "variableType" : "java.util.List<String>",
    "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
    "simpleType" : "List<String>",
    "variableSetterType" : "java.util.Collection<String>"
},
"xmlNamespaceUri" : null
},
"VPCId" : {
    "beanStyleGetterMethodName" : "getVpcId",
    "beanStyleSetterMethodName" : "setVpcId",
    "c2jName" : "VPCId",
    "c2jShape" : "String",
    "defaultValueConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if
the domain was created with VPCOptions.</p>

This is a convenience that creates an instance of the {
String.Builder} avoiding the need to create one manually via {
String#builder()}.\n
When the {
String.Consumer} completes, {
String.Builder#build()} is called immediately and its result is passed to {
String#vpcId(String)}.

@link String#builder()} returns a reference to this object so that method calls can be chained together.\n
@link String#vpcId(String)",
    "deprecated" : false,
    "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with
VPCOptions.</p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "vpcId",
    "fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was
created with VPCOptions.</p>

@link String#vpcId(String) returns a reference to this object so that method calls can be chained together.\n
@link String#vpcId(String)",
    "fluentSetterMethodName" : "vpcId",
"getterDocumentation": "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
@return The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
"getterModel": {
    "returnType": "String",
    "documentation": null
},
"http": {
    "additionalMarshallingPath": null,
    "additionalUnmarshallingPath": null,
    "flattened": false,
    "greedy": false,
    "header": false,
    "isPayload": false,
    "isStreaming": false,
    "location": null,
    "marshallLocation": "PAYLOAD",
    "marshallLocationName": "VPCId",
    "queryString": false,
    "statusCode": false,
    "unmarshallLocationName": "VPCId",
    "uri": false
},
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "VPCId",
"setterDocumentation": "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
"setterMethodName": "setVpcId",
"setterModel": {
    "variableDeclarationType": "String",
    "variableName": "vpcId",
    "variableType": "String",
    "documentation": null,
    "simpleType": "String",
    "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "String",
}
"variableName" : "vpcId",
"variableType" : "String",
"documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getVpcId",
"beanStyleSetterMethodName" : "setVpcId",
"c2jName" : "VPCId",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #vpcId(String)}.

@deprecated
@see #vpcId(String)",
"documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "vpcId",
"fluentSetterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
This is a convenience that creates an instance of the {@link String.Builder} avoiding the need to create one manually via {@link String#builder()}. When the {@link Consumer} completes, {@link String.Builder#build()} is called immediately and its result is passed to {@link #vpcId(String)}.

@deprecated
@see #vpcId(String)",
"getterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
@return Returns a reference to this object so that method calls can be chained together.
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "VPCId",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "VPCId",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "VPCId",
"setterDocumentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
\n\n@param vpcId The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.",
"setterMethodName" : "setVpcId",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "vpcId",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "vpcId",
  "variableType" : "String",
  "documentation" : "<p>The VPC Id for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>
\n\n\n","simpleType" : "String",
  "variableSetterType" : "String"
},

"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>"
This is a
cconvenience that creates an instance of the { @link List<String>.Builder} avoiding the need to create one manually
via { @link List<String>#builder()}. When the { @link Consumer} completes, { @link
List<String>.Builder#build()} is called immediately and its result is passed to { @link
List<#subnetIds(List<String>)}. Returns a reference to this object so that method calls can be chained
together.

@see #subnetIds(List<String>)", 
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>"
Specifies
the subnets for VPC endpoint.

@param subnetIds Specifies
the subnets for VPC endpoint.

@return Returns a reference to this object so that method calls can be chained
together.

@see #subnetIds(List<String>)",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
Attempts to modify the
collection returned by this method will result in a UnsupportedOperationException.

@return Specifies the
subnets for VPC endpoint.
",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SubnetIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SubnetIds",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
"interfaceType": "java.util.List",
"listMemberModel": {
  "beanStyleGetterMethodName": "getMember",
  "beanStyleSetterMethodName": "setMember",
  "c2jName": "member",
  "c2jShape": "String",
  "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String#builder()]. When the [link Consumer] completes, [link String.Builder#build()] is called immediately and its result is passed to [link #member(String)].

The new value for the Member property for this object.

@returns a reference to this object so that method calls can be chained together.

@see #member(String)
",
  "deprecated": false,
  "documentation": "",
  "enumType": null,
  "eventHeader": false,
  "eventPayload": false,
  "fluentEnumGetterMethodName": null,
  "fluentEnumSetterMethodName": null,
  "fluentGetterMethodName": "member",
  "fluentSetterDocumentation": "Sets the value of the Member property for this object. The new value for the Member property for this object.

@returns a reference to this object so that method calls can be chained together.

@see #member(String)
",
  "fluentSetterMethodName": "member",
  "getterDocumentation": "Returns the value of the Member property for this object.

@returns The value of the Member property for this object.
",
  "getterModel": {
    "returnType": "String",
    "documentation": null
  }
},

"http": {
  "additionalMarshallingPath": null,
  "additionalUnmarshallingPath": null,
  "flattened": false,
  "greedy": false,
  "header": false,
  "isPayload": false,
  "isStreaming": false,
  "location": null,
  "marshallLocation": "PAYLOAD",
  "marshallLocationName": "member",
  "queryString": false,
  "statusCode": false,
  "unmarshallLocationName": "member",
  "uri": false
},

"idempotencyToken": false,
"isBinary": false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new
value for the Member property for this object."
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>

@param subnetIds Specifies the subnets for VPC endpoint."
"setterMethodName" : "setSubnetIds",
"setterModel" : {

"variableDeclarationType" : "java.util.List<String>",
"variableName" : "subnetIds",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
}
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "java.util.List<String>",
"variableName" : "subnetIds",
"variableType" : "java.util.List<String>",
"documentation" : null,
"simpleType" : "List<String>",
"variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
{
"beanStyleGetterMethodName" : "getAvailabilityZones",
"beanStyleSetterMethodName" : "setAvailabilityZones",
"c2jName" : "AvailabilityZones",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

This is a convenience that creates an instance of the [List<String>.Builder] avoiding the need to create one manually via [List<String>#builder()]. When the [Consumer] completes, [List<String>.Builder#build()] is called immediately and its result is passed to [availabilityZones(List<String>)].

@see #availabilityZones(List<String>)
@deprecated" : false,
"documentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.

@see #availabilityZones(List<String>)

@deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "availabilityZones",
"fluentSetterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

@see #availabilityZones(List<String>)

@deprecated" : false,
"getterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>

@see #availabilityZones(List<String>)

@deprecated" : false,
"enumType" : null,
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "AvailabilityZones",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "AvailabilityZones",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "\nThis is a convenience that creates an instance of the \n{@link String.Builder} avoiding the need to create \none manually via \n{@link String#builder()}.\n\nWhen the \n{@link Consumer} completes, \n{@link String.Builder#build()} is called immediately and its result is passed to \n{@link #member(String)}\n\n\n@param member \nThe new value for the Member property for this object\n\n@see #member(String)\n\n"deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "\n\n@param member\n\nThe new value for the Member property for this object.\n\n@see \n\n@see #member(String)\n\n"deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "\n\n@param member\n\nThe new value for the Member property for this object.\n\n@see #member(String)\n\n"deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "\n\n@param member\n\nThe new value for the Member property for this object.\n\n@see #member(String)\n\n"deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.",
"setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String"}
"variableName" : "member",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
],
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
],
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "AvailabilityZones",
"setterDocumentation" : "<p>The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.<br/>
@<br/>&nbsp;param availabilityZones The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.</p>",
"setterMethodName" : "setAvailabilityZones",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "availabilityZones",
  "variableType" : "java.util.List<String>",
  "documentation" : "&lt;p&gt;The availability zones for the Elasticsearch domain. Exists only if the domain was created with VPCOptions.&lt;/p&gt;",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
},
"xmlNameSpaceUri" : null
},
"beanStyleGetterMethodName" : "getSecurityGroupIds",
"beanStyleSetterMethodName" : "setSecurityGroupIds"
"beanStyleSetterMethodName" : "setSecurityGroupIds",
"c2jName" : "SecurityGroupIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>This is a convenience that creates an instance of the [@link List<String>.Builder] avoiding the need to create one manually via [@link List<String>#builder()].
When the [@link Consumer] completes, [@link List<String>.Builder#build()] is called immediately and its result is passed to [@link #securityGroupIds(List<String>)].
@param securityGroupIds a consumer that will call methods on [@link List<String>.Builder]
@return Returns a reference to this object so that method calls can be chained together.
@see #securityGroupIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
@param securityGroupIds Specifies the security groups for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "securityGroupIds",
"getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.
@return Specifies the security groups for VPC endpoint.
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SecurityGroupIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SecurityGroupIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
"implType" : "java.util.ArrayList",
"interfaceType" : "java.util.List",
"listMemberModel" : {
"beanStyleGetterMethodName" : "getMember",
"beanStyleSetterMethodName" : "setMember",
"c2jName" : "member",
"c2jShape" : "String",
"defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the @link String.Builder avoiding the need to create one manually via @link String#builder(). When the @link Consumer completes, @link String.Builder#build() is called immediately and its result is passed to @link #member(String).\n\n@param member a consumer that will call methods on @link String.Builder\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)",
"deprecated" : false,
"documentation" : "",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "member",
"fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #member(String)",
"getterDocumentation" : "Returns the value of the Member property for this object.\n\n@return The value of the Member property for this object.\n\n@see #member(String)",
"getterModel" : {
"returnType" : "String",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
}
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object.\n",
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n\n@param securityGroupIds
Specifies the security groups for VPC endpoint.

"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "securityGroupIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>",
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "securityGroupIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "Specifies the security groups for VPC endpoint.<p>
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>",
},
"xmlNameSpaceUri" : null
}]
:requestSignerAware" : false,
"requestSignerClassFqcn" : null,
"required" : null,
"shapeName" : "VPCDerivedInfo",
"simpleMethod" : false,
"unmarshaller" : {
  "flattened" : false,
  "resultWrapper" : null
},
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "vpcDerivedInfo",
  "variableType" : "VPCDerivedInfo",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo",
},
"wrapper" : false
},
"VPCDerivedInfoStatus" : {
  "c2jName" : "VPCDerivedInfoStatus",
  "customization" : {
    "artificialResultWrapper" : null,
    "skipGeneratingMarshaller" : false,
    "skipGeneratingModelClass" : false,
    "skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0,
"deprecated" : false,
"documentation" : "<p>Status of the VPC options for the specified Elasticsearch domain.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "VPCDerivedInfo",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the VPC options for the specified Elasticsearch domain.</pOLUMN\\nThis is a convenience that creates an instance of the {@link VPCDerivedInfo.Builder} avoiding the need to create one manually via {@link VPCDerivedInfo.Builder#builder()}. When the {@link Consumer} completes, it is called immediately and its result is passed to the method.

@link VPCDerivedInfo.Builder@<p>@param options a consumer that will call methods on the @link VPCDerivedInfo.Builder@\n@return Returns a reference to this object so that method calls can be chained together.</p>
@see #options(VPCDerivedInfo)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the VPC options for the specified Elasticsearch domain.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "options",
  "fluentSetterDocumentation" : "<p>Specifies the VPC options for the specified Elasticsearch domain.</p>
@link VPCDerivedInfo.Builder@\n@param options Specifies the VPC options for the specified Elasticsearch domain.
@return Returns a reference to this object so that method calls can be chained together.",
  "fluentSetterMethodName" : "options",
  "getterDocumentation" : "<p>Specifies the VPC options for the specified Elasticsearch domain.</p>
@link VPCDerivedInfo.Builder@\n@return Specifies the VPC options for the specified Elasticsearch domain.",
  "getterModel" : {
    "returnType" : "VPCDerivedInfo",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Options",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Options",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>
@param
options Specifies the VPC options for the specified Elasticsearch domain.
", 
"setterMethodName" : "setOptions",
"setterModel" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "options",
  "variableType" : "VPCDerivedInfo",
  "documentation" : null,
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "VPCDerivedInfo",
  "variableName" : "options",
  "variableType" : "VPCDerivedInfo",
  "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
  "simpleType" : "VPCDerivedInfo",
  "variableSetterType" : "VPCDerivedInfo"
},
"xmlNameSpaceUri" : null
},
{
  "beanStyleGetterMethodName" : "getStatus",
  "beanStyleSetterMethodName" : "setStatus",
  "c2jName" : "Status"
<p>Specifies the status of the VPC options for the specified Elasticsearch domain.</p>

This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link OptionStatus#status(OptionStatus)}. Returns a reference to this object so that method calls can be chained together.

@see #status(OptionStatus)

```
@link OptionStatus.Builder
@defaultConsumerFluentSetterDocumentation
@defaultConsumerFluentSetterDocumentation
@deprecated false
@documentation Specifies the status of the VPC options for the specified Elasticsearch domain.

```

```
@enumType null
@eventHeader false
@eventPayload false
@fluentEnumGetterMethodName null
@fluentEnumSetterMethodName null
@fluentGetterMethodName status
@fluentSetterDocumentation Specifies the status of the VPC options for the specified Elasticsearch domain.
@fluentSetterMethodName status
@getterDocumentation Specifies the status of the VPC options for the specified Elasticsearch domain.
@getterModel {
@returnType OptionStatus
@documentation null
}
```

```
http {
@additionalMarshallingPath null
@additionalUnmarshallingPath null
@flattened false
@greedy false
@header false
@isPayload false
@isStreaming false
@location null
@marshallLocation PAYLOAD
@marshallLocationName Status
@queryString false
@statusCode false
@unmarshallLocationName Status
@uri false
}
```

```
@idempotencyToken false
@isBinary false
@jsonValue false
@list false
@listModel null
@map false
```

"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},
"membersAsMap" : {
  "Options" : {
    "beanStyleGetterMethodName" : "getOptions",
    "beanStyleSetterMethodName" : "setOptions",
    "c2jName" : "Options",
    "c2jShape" : "VPCDerivedInfo",
    "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain. </p>\nThis is a convenience that creates an instance of the {@link VPCDerivedInfo.Builder} avoiding the need to create one manually via {@link VPCDerivedInfo.Builder#builder}().\nWhen the {@link Consumer} completes, {@link VPCDerivedInfo.Builder#build}() is called immediately and its result is passed to {@link #options(VPCDerivedInfo)}\n@param options a consumer that will call methods on {@link VPCDerivedInfo.Builder}\n@returns Returns a reference to this object so that method calls can be chained together.\n@see #options(VPCDerivedInfo)",
    "deprecated" : false,
    "documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain. </p>",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "options",
    "fluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch
domain.

@param options Specifies the VPC options for the specified Elasticsearch domain.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "options",
"getterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain. 

@param options Specifies the VPC options for the specified Elasticsearch domain. 

"getterModel" : {
    "returnType" : "VPCDerivedInfo",
    "documentation" : null
},
"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "Options",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "Options",
    "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Options",
"setterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain. 

@param options Specifies the VPC options for the specified Elasticsearch domain. 

"setterMethodName" : "setOptions",
"setterModel" : {
    "variableDeclarationType" : "VPCDerivedInfo",
    "variableName" : "options",
    "variableType" : "VPCDerivedInfo",
    "documentation" : null,
    "simpleType" : "VPCDerivedInfo",
    "variableSetterType" : "VPCDerivedInfo"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {

"variableDeclarationType" : "VPCDerivedInfo",
"variableName" : "options",
"variableType" : "VPCDerivedInfo",
"documentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain.</p>",
"simpleType" : "VPCDerivedInfo",
"variableSetterType" : "VPCDerivedInfo"
]$variableName$]$},
"xmlNameSpaceUri" : null
$]",
"Status" : {
"beanStyleGetterMethodName" : "getStatus",
"beanStyleSetterMethodName" : "setStatus",
"c2jName" : "Status",
"c2jShape" : "OptionStatus",
"defaultConsumerFluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>
This is a convenience that creates an instance of the {@link OptionStatus.Builder} avoiding the need to create one manually via {@link OptionStatus.Builder#builder()}. When the {@link Consumer} completes, {@link OptionStatus.Builder#build()} is called immediately and its result is passed to {@link #status(OptionStatus)}.
@param status a consumer that will call methods on {@link OptionStatus.Builder}@return Returns a reference to this object so that method calls can be chained together.@see #status(OptionStatus)",
"deprecated" : false,
"documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "status",
"fluentSetterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>
@param status Specifies the status of the VPC options for the specified Elasticsearch domain.@return Returns a reference to this object so that method calls can be chained together.
"fluentModel" : {
"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "Status",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "Status",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>
@param status Specifies the status of the VPC options for the specified Elasticsearch domain.",
"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"xmlNameSpaceUri" : null
},

"nonStreamingMembers" : [ {
  "beanStyleGetterMethodName" : "getOptions",
  "beanStyleSetterMethodName" : "setOptions",
  "c2jName" : "Options",
  "c2jShape" : "VPCDerivedInfo",
  "defaultConsumerFluentSetterDocumentation" : "<p> Specifies the VPC options for the specified Elasticsearch domain. </p>
When the @link Consumer completes,
{@link VPCDerivedInfo.Builder#build()} is called immediately and its result is passed to{@link #options(VPCDerivedInfo)}. 
@returns Returns a reference to this object so that method calls can be chained together.
@see #options(VPCDerivedInfo)

Specifies the VPC options for the specified Elasticsearch domain. 

<p>Specifies the VPC options for the specified Elasticsearch domain.</p>

@returns Returns a reference to this object so that method calls can be chained together.

Specifies the VPC options for the specified Elasticsearch domain. 

<p>Specifies the VPC options for the specified Elasticsearch domain.</p>

@returns Specifies the VPC options for the specified Elasticsearch domain.
options Specifies the VPC options for the specified Elasticsearch domain.

"setterMethodName": "setOptions",
"setterModel": {
    "variableDeclarationType": "VPCDerivedInfo",
    "variableName": "options",
    "variableType": "VPCDerivedInfo",
    "documentation": null,
    "simpleType": "VPCDerivedInfo",
    "variableSetterType": "VPCDerivedInfo"
},
"simple": false,
"timestampFormat": null,
"variable": {
    "variableDeclarationType": "VPCDerivedInfo",
    "variableName": "options",
    "variableType": "VPCDerivedInfo",
    "documentation": null,
    "simpleType": "VPCDerivedInfo",
    "variableSetterType": "VPCDerivedInfo"
},
"xmlNameSpaceUri": null
},

"beanStyleGetterMethodName": "getStatus",
"beanStyleSetterMethodName": "setStatus",
"c2jName": "Status",
"c2jShape": "OptionStatus",
"defaultConsumerFluentSetterDocumentation": "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>

This is a convenience that creates an instance of the {OptionStatus.Builder} avoiding the need to create one manually via {OptionStatus.builder()}. When the {Consumer} completes, {OptionStatus.Builder#build()} is called immediately and its result is passed to {OptionStatus#status(OptionStatus)}.<p>

@link OptionStatus.Builder|\@param status a consumer that will call methods on {OptionStatus.Builder}|\@return Returns a reference to this object so that method calls can be chained together.|\@see #status(OptionStatus)

"deprecated": false,
"documentation": "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>

"enumType": null,
"eventHeader": false,
"eventPayload": false,
"fluentEnumGetterMethodName": null,
"fluentEnumSetterMethodName": null,
"fluentGetterMethodName": "status",
"fluentSetterDocumentation": "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.</p>

\@param status Specifies the status of the VPC options for the specified Elasticsearch domain.\@return Returns a reference to this object so that method calls can be chained together."

"fluentSetterMethodName": "status",
"getterDocumentation": "<p> Specifies the status of the VPC options for the specified Elasticsearch domain.\@return Specifies the status of the VPC options for the specified Elasticsearch domain."

"getterModel": {

"returnType" : "OptionStatus",
"documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "Status",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "Status",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "SDK_POJO",
"name" : "Status",
"setterDocumentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>\n\n@param status Specifies the status of the VPC options for the specified Elasticsearch domain."
,"setterMethodName" : "setStatus",
"setterModel" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : null,
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "OptionStatus",
  "variableName" : "status",
  "variableType" : "OptionStatus",
  "documentation" : "<p> Specifies the status of the VPC options for the specified Elasticsearch domain. </p>",
  "simpleType" : "OptionStatus",
  "variableSetterType" : "OptionStatus"
"required" : [ "Options", "Status" ],
"shapeName" : "VPCDerivedInfoStatus",
"simpleMethod" : false,
"unmarshaller" : {
"flattened" : false,
"resultWrapper" : null
},
"variable" : {
"variableDeclarationType" : "VPCDerivedInfoStatus",
"variableName" : "vpcDerivedInfoStatus",
"variableType" : "VPCDerivedInfoStatus",
"documentation" : null,
"simpleType" : "VPCDerivedInfoStatus",
"variableSetterType" : "VPCDerivedInfoStatus"
},
"wrapper" : false
},
"VPCOptions" : {
"c2jName" : "VPCOptions",
"customization" : {
"artificialResultWrapper" : null,
"skipGeneratingMarshaller" : false,
"skipGeneratingModelClass" : false,
"skipGeneratingUnmarshaller" : false,
"staxTargetDepthOffset" : 0
},
"deprecated" : false,
"documentation" : "<p>Options to specify the subnets and security groups for VPC endpoint. For more information, see <a href="http://docs.aws.amazon.com/elasticsearch-service/latest/developerguide/es-vpc.html" target="_blank">VPC Endpoints for Amazon Elasticsearch Service Domains</a>.</p>",
"enums" : null,
"errorCode" : null,
"event" : false,
"eventStream" : false,
"explicitEventPayloadMember" : null,
"hasHeaderMember" : false,
"hasPayloadMember" : false,
"hasStatusCodeMember" : false,
"hasStreamingMember" : false,
"httpStatusCode" : null,
"marshaller" : null,
"members" : [ {
"beanStyleGetterMethodName" : "getSubnetIds",}]}
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultValueConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
This is a convenience that creates an instance of the [ @link List<String>.Builder] avoiding the need to create one manually via [ @link List<String>#builder()].
When the [ @link Consumer] completes, [ @link List<String>.Builder#build()] is called immediately and its result is passed to [ @link List<String>#subnetIds(List<String>)].
@ see [ @link subnetIds(List<String>)]

"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together.
@ see [ @link subnetIds(List<String>)]",
"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@ return Specifies the subnets for VPC endpoint.
",
"getterModel" : {
 "returnType" : "java.util.List<String>",
 "documentation" : null
 },
"http" : {
 "additionalMarshallingPath" : null,
 "additionalUnmarshallingPath" : null,
 "flattened" : false,
 "greedy" : false,
 "header" : false,
 "isPayload" : false,
 "isStreaming" : false,
 "location" : null,
 "marshallLocation" : "PAYLOAD",
 "marshallLocationName" : "SubnetIds",
 "queryString" : false,
 "statusCode" : false,
 "unmarshallLocationName" : "SubnetIds",
 "uri" : false
 },
 "idempotencyToken" : false,
 "isBinary" : false,
 "jsonValue" : false,
"list": true,
"listModel": {
  "implType": "$\text{java.util.ArrayList}$",
  "interfaceType": "$\text{java.util.List}$",
  "listMemberModel": {
    "beanStyleGetterMethodName": "getMember",
    "beanStyleSetterMethodName": "setMember",
    "c2jName": "member",
    "c2jShape": "String",
    "defaultConsumerFluentSetterDocumentation": "Sets the value of the Member property for this object. This is a convenience that creates an instance of the \{$\text{@link String.Builder}\} avoiding the need to create one manually via \{@link String#builder()\}. When the \{@link Consumer\} completes, \{@link String.Builder#build()\} is called immediately and its result is passed to \{@link #member(String)\}.\n\n@see #member(String)\n  
  - "deprecated": false,
- "documentation": "",
- "enumType": null,
- "eventHeader": false,
- "eventPayload": false,
- "fluentEnumGetterMethodName": null,
- "fluentEnumSetterMethodName": null,
- "fluentGetterMethodName": "member",
- "fluentSetterDocumentation": "Sets the value of the Member property for this object.\n\n@see \#member(String)"
  
  - "fluentSetterMethodName": "member",
- "getterDocumentation": "Returns the value of the Member property for this object.\n\n@see \#member(String)"
  
  - "getterModel": {
    - "returnType": "String",
    - "documentation": null
  }
- "http": {
  - "additionalMarshallingPath": null,
  - "additionalUnmarshallingPath": null,
  - "flattened": false,
  - "greedy": false,
  - "header": false,
  - "isPayload": false,
  - "isStreaming": false,
  - "location": null,
  - "marshallLocation": "PAYLOAD",
  - "marshallLocationName": "member",
  - "queryString": false,
  - "statusCode": false,
  - "unmarshallLocationName": "member",
  - "uri": false
  
\text{Open Source Used In Data Center Network Manager 11 11.5(4) 24220}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.
@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlNameSpaceUri": null,
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "SubnetIds",
"setterDocumentation": "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the
subnets for VPC endpoint.

setterMethodName" : "setSubnetIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "Specifies the subnets for VPC endpoint.

This is a convenience that creates an instance of the [List<String>.Builder] avoiding the need to create one manually via [List<String>#builder()].

When the [List<String>Builder#build()] is called immediately and its result is passed to [List<String>Builder#list(List<String>)].

@link #setSubnetIds(List<String>)
@link #securityGroupIds(List<String>)
@link #setSecurityGroupIds(List<String>)
@link #securityGroupIds(List<String>)
@link #setSecurityGroupIds(List<String>)

.documentation" : "Specifies the security groups for VPC endpoint.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterDocumentation" : "Specifies the security groups for VPC endpoint.

"fluentSetterMethodName" : "securityGroupIds",
"getterDocumentation" : "Specifies the security groups for VPC endpoint.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Specifies the security groups for VPC endpoint.

/securityGroupIds(List<String>)";
"deprecated" : false,
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "Specifies the security groups for VPC endpoint.

@return Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "securityGroupIds",
"getterDocumentation" : "Specifies the security groups for VPC endpoint.

Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.

@return Specifies the security groups for VPC endpoint.";
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SecurityGroupIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SecurityGroupIds",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object.\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}.\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}.\n@param
member a consumer that will call methods on { @link String.Builder}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
  "deprecated" : false,
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@param
member The new value for the Member property for this object.\n@return Returns a reference to this object so that method
calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.\n@return The value of the Member property for this object."

"getterModel" : {
"returnType" : "String",
"documentation" : null
},

"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "member",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "member",
"uri" : false
},

"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n@param member The new value for the Member property for this object."

"setterMethodName" : "setMember",
"setterModel" : {
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : null,
"simpleType" : "String",
"variableSetterType" : "String"
},

"simple" : true,
"timestampFormat" : null,
"variable" : {
"variableDeclarationType" : "String"
"variableName" : "member",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
@param securityGroupIds Specifies the security groups for VPC endpoint."
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : null,
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
"simple" : false,
"timestampFormat" : null,
"variable" : {
 "variableDeclarationType" : "java.util.List<String>",
 "variableName" : "securityGroupIds",
 "variableType" : "java.util.List<String>",
 "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
 "simpleType" : "List<String>",
 "variableSetterType" : "java.util.Collection<String>"
 },
"xmlNameSpaceUri" : null
} ]
}
"membersAsMap" : {
"SecurityGroupIds" : {
 "beanStyleGetterMethodName" : "getSecurityGroupIds",}
"beanStyleSetterMethodName" : "setSecurityGroupIds",
"c2jName" : "SecurityGroupIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\nThis is a convenience that creates an instance of the [@link String.Builder] avoiding the need to create one manually via [@link List[String>.Builder()].\n\nWhen the [@link Consumer] completes, [@link List[String>.Builder.build()] is called immediately and its result is passed to [@link #securityGroupIds(List<String>)]\n\n@param securityGroupIds a consumer that will call methods on [@link List[String>.Builder]\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n@see #securityGroupIds(List<String>)",
"deprecated" : false,
"documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "securityGroupIds",
"fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
\n@param securityGroupIds Specifies the security groups for VPC endpoint.\n\n@return Returns a reference to this object so that method calls can be chained together.\n\n"fluentSetterMethodName" : "securityGroupIds",
"getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>\n\nAttemps to modify the collection returned by this method will result in an UnsupportedOperationException.\n\n@return Specifies the security groups for VPC endpoint.\n",
"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SecurityGroupIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SecurityGroupIds",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultValueConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the `{@link String.Builder}` avoiding the need to create one manually via `{@link String#builder()}`. When the `{@link Consumer}` completes, `{@link String.Builder#build()}` is called immediately and its result is passed to `{@link #member(String)}`.\n\n@see #member(String)"
  },
  "documentation" : "",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n\n@see #member(String)",
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object.\n\n@see #member(String)",
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
    "uri" : false
  }
}
"idempotencyToken": false,
"isBinary": false,
"jsonValue": false,
"list": false,
"listModel": null,
"map": false,
"mapModel": null,
"marshallingType": "STRING",
"name": "Member",
"setterDocumentation": "Sets the value of the Member property for this object.\n@param member The new value for the Member property for this object.",
"setterMethodName": "setMember",
"setterModel": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": null,
  "simpleType": "String",
  "variableSetterType": "String"
},
"simple": true,
"timestampFormat": null,
"variable": {
  "variableDeclarationType": "String",
  "variableName": "member",
  "variableType": "String",
  "documentation": "",
  "simpleType": "String",
  "variableSetterType": "String"
},
"xmlnsNameSpaceUri": null,
"memberLocationName": null,
"memberType": "String",
"map": false,
"memberAdditionalMarshallingPath": null,
"memberAdditionalUnmarshallingPath": null,
"simple": true,
"simpleType": "String",
"templateImplType": "java.util.ArrayList<String>",
"templateType": "java.util.List<String>"
},
"map": false,
"mapModel": null,
"marshallingType": "LIST",
"name": "SecurityGroupIds",
"setterDocumentation": "<p>Specifies the security groups for VPC endpoint.</p>\n@param securityGroupIds"
Specifies the security groups for VPC endpoint.

- setterMethodName: "setSecurityGroupIds"
- setterModel:
  - variableDeclarationType: "java.util.List<String>"
  - variableName: "securityGroupIds"
  - documentation: null
  - simpleType: "List<String>",
  - variableSetterType: "java.util.Collection<String>"
- simple: false
- timestampFormat: null

The documentation for the security group IDs specifies:

```
<p>Specifies the security groups for VPC endpoint.</p>
```

SubnetIds:

- beanStyleGetterMethodName: "getSubnetIds"
- beanStyleSetterMethodName: "setSubnetIds"
- c2jName: "SubnetIds"
- c2jShape: "StringList"
- documentation:
  
  This is a convenience that creates an instance of the `List<String>.Builder` avoiding the need to create one manually via `List<String>#builder()`. When the `Consumer` completes, the `List<String>.Builder#build()` is called immediately and its result is passed to `#subnetIds(List<String>)`.

```
@link List<String>.Builder#build()}

@link List<String>.Builder

@return Returns a reference to this object so that method calls can be chained together.

@see #subnetIds(List<String>)"
```

- simple: false
- timestampFormat: null
- variable: null

The documentation for the subnet IDs specifies:

```
<p>Specifies the subnets for VPC endpoint.</p>
```

```java

Deprecated: false

documentation: "<p>Specifies the subnets for VPC endpoint.</p>"

enumType: null

@eventHeader: false

@eventPayload: false

@fluentEnumGetterMethodName: null

@fluentEnumSetterMethodName: null

@fluentGetterMethodName: "subnetIds"

@fluentSetterDocumentation: "<p>Specifies the subnets for VPC endpoint.</p>"

```

Specifies the subnets for VPC endpoint. Returns a reference to this object so that method calls can be chained together.

```java

@link List<String>#builder()}

@link Consumer

@return Returns a reference to this object so that method calls can be chained together.

@see #subnetIds(List<String>)"
```
subnets for VPC endpoint.

"getterModel" : {
    "returnType" : "java.util.List<String>",
    "documentation" : null
},

"http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "SubnetIds",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "SubnetIds",
    "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {
    "implType" : "java.util.ArrayList",
    "interfaceType" : "java.util.List",
    "listMemberModel" : {
        "beanStyleGetterMethodName" : "getMember",
        "beanStyleSetterMethodName" : "setMember",
        "c2jName" : "member",
        "c2jShape" : "String",
        "defaultValue" : "@return Returns a reference to this object so that method calls can be chained together."@see #member(String)",
        "isDeprecated" : false,
        "isEnum" : false,
        "isOrphan" : false,
        "isTag" : false,
        "location" : null,
        "marshallLocation" : "PAYLOAD",
        "marshallLocationName" : "SubnetIds",
        "marshallType" : "String",
        "marshallValue" : null,
        "marshallValueLocation" : "PAYLOAD",
        "marshallValueLocationName" : "SubnetIds",
        "unmarshallLocation" : "PAYLOAD",
        "unmarshallLocationName" : "SubnetIds",
        "unmarshallType" : "String",
        "overrideLocation" : null,
        "overrideLocationName" : null,
        "overrideValue" : null,
        "overrideValueLocation" : null,
        "overrideValueLocationName" : null,
        "overrideValueString" : null,
        "overrideValueStringLocation" : null,
        "overrideValueStringLocationName" : null,
        "queryName" : null,
        "queryString" : false,
        "statusCode" : false,
        "unmarshallValue" : null,
        "unmarshallValueLocation" : null,
        "unmarshallValueLocationName" : null,
        "unmarshallType" : null,
        "value" : null,
        "valueLocation" : null,
        "valueLocationName" : null,
        "valueString" : null,
        "valueStringLocation" : null,
        "valueStringLocationName" : null
    }
}
The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.

"getterModel" : {
   "returnType" : "String",
   "documentation" : null
},
"http" : {
   "additionalMarshallingPath" : null,
   "additionalUnmarshallingPath" : null,
   "flattened" : false,
   "greedy" : false,
   "header" : false,
   "isPayload" : false,
   "isStreaming" : false,
   "location" : null,
   "marshallLocation" : "PAYLOAD",
   "marshallLocationName" : "member",
   "queryString" : false,
   "statusCode" : false,
   "unmarshallLocationName" : "member",
   "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

@returns The value of the Member property for this object.

"setterModel" : {
   "variableDeclarationType" : "String",
   "variableName" : "member",
   "variableType" : "String",
   "documentation" : null,
   "simpleType" : "String",
   "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : 

"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds",
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>\n@param subnetIds Specifies the subnets for VPC endpoint.",
"setterMethodName" : "setSubnetIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
},
"nonStreamingMembers" : [ {
"beanStyleGetterMethodName" : "getSubnetIds",
"beanStyleSetterMethodName" : "setSubnetIds",
"c2jName" : "SubnetIds",
"c2jShape" : "StringList",
"defaultConsumerFluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
This is a convenience that creates an instance of the [link List<String>.Builder] avoiding the need to create one manually via [link List<String>#builder()]. When the [link Consumer] completes, [link List<String>.Builder#build()] is called immediately and its result is passed to [link #subnetIds(List<String>)].

When the [link Consumer] completes, [link List<String>.Builder#build()] is called immediately and its result is passed to [link #subnetIds(List<String>)].

@link List<String>.Builder\n@return Returns a reference to this object so that method calls can be chained together.
@link #subnetIds(List<String>)

"deprecated" : false,
"documentation" : "<p>Specifies the subnets for VPC endpoint.</p>",
"enumType" : null,
"eventHeader" : false,
"eventPayload" : false,
"fluentEnumGetterMethodName" : null,
"fluentEnumSetterMethodName" : null,
"fluentGetterMethodName" : "subnetIds",
"fluentSetterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint.
@return Returns a reference to this object so that method calls can be chained together.
",
"fluentSetterMethodName" : "subnetIds",
"getterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
<p>Attempts to modify the collection returned by this method will result in an UnsupportedOperationException.</p>
@return Specifies the subnets for VPC endpoint.
",
"getterModel" : {
"returnType" : "java.util.List<String>",
"documentation" : null
},
"http" : {
"additionalMarshallingPath" : null,
"additionalUnmarshallingPath" : null,
"flattened" : false,
"greedy" : false,
"header" : false,
"isPayload" : false,
"isStreaming" : false,
"location" : null,
"marshallLocation" : "PAYLOAD",
"marshallLocationName" : "SubnetIds",
"queryString" : false,
"statusCode" : false,
"unmarshallLocationName" : "SubnetIds",
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : true,
"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultValueFluentSetterDocumentation" : "Sets the value of the Member property for this object. This is a convenience that creates an instance of the [link String.Builder] avoiding the need to create one manually via [link String.Builder]. When the [link Consumer] completes, [link String.Builder] is called immediately and its result is passed to [link #member(String)].

@param member a consumer that will call methods on [link String.Builder] so that method calls can be chained together.
@return Returns a reference to this object so that method calls can be chained together.
@see #member(String)",
  "deprecated" : false,
  "documentation" : 
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "member",
  "fluentSetterDocumentation" : "Sets the value of the Member property for this object."
  "fluentSetterMethodName" : "member",
  "getterDocumentation" : "Returns the value of the Member property for this object."
  "getterModel" : {
    "returnType" : "String",
    "documentation" : null
  },
  "http" : {
    "additionalMarshallingPath" : null,
    "additionalUnmarshallingPath" : null,
    "flattened" : false,
    "greedy" : false,
    "header" : false,
    "isPayload" : false,
    "isStreaming" : false,
    "location" : null,
    "marshallLocation" : "PAYLOAD",
    "marshallLocationName" : "member",
    "queryString" : false,
    "statusCode" : false,
    "unmarshallLocationName" : "member",
  }
}
"uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.\n\n@param member The new value for the Member property for this object."
,"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : "",
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>"
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SubnetIds"
"setterDocumentation" : "<p>Specifies the subnets for VPC endpoint.</p>
@param subnetIds Specifies the subnets for VPC endpoint."
,"setterMethodName" : "setSubnetIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "subnetIds",
  "variableType" : "java.util.List<String>",
  "documentation" : "<p>Specifies the subnets for VPC endpoint.</p>
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>"
},
"xmlNameSpaceUri" : null
}, {
  "beanStyleGetterMethodName" : "getSecurityGroupIds",
  "beanStyleSetterMethodName" : "setSecurityGroupIds",
  "c2jName" : "SecurityGroupIds",
  "c2jShape" : "StringList",
  "defaultConsumerFluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
  This is a convenience that creates an instance of the {@link List<String>.Builder} avoiding the need to create one manually via {@link List<String>#builder()}. When the {@link Consumer} completes, {@link 
  List<String>.Builder#build()} is called immediately and its result is passed to {@link 
  #securityGroupIds(List<String>)}. 
  
  @param securityGroupIds a consumer that will call methods on {@link 
  List<String>.Builder} and returns a reference to this object so that method calls can be chained together. 
  @see #securityGroupIds(List<String>)",
  "deprecated" : false,
  "documentation" : "<p>Specifies the security groups for VPC endpoint.</p>",
  "enumType" : null,
  "eventHeader" : false,
  "eventPayload" : false,
  "fluentEnumGetterMethodName" : null,
  "fluentEnumSetterMethodName" : null,
  "fluentGetterMethodName" : "securityGroupIds",
  "fluentSetterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
  @param securityGroupIds Specifies the security groups for VPC endpoint. 
  @return Returns a reference to this object so that method calls can be chained together. 
  @see #securityGroupIds(List<String>)",
  "getterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p>
  @param securityGroupIds Specifies the security groups for VPC endpoint.
  @return Returns a reference to this object so that method calls can be chained together. 
  @see #securityGroupIds(List<String>)",
  "SetterDocumentations" : [null]
}
the security groups for VPC endpoint.

"getterModel" : {
  "returnType" : "java.util.List<String>",
  "documentation" : null
},

"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "SecurityGroupIds",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "SecurityGroupIds",
  "uri" : false
},

"idempotencyToken" : false,

"isBinary" : false,

"jsonValue" : false,

"list" : true,

"listModel" : {
  "implType" : "java.util.ArrayList",
  "interfaceType" : "java.util.List",
  "listMemberModel" : {
    "beanStyleGetterMethodName" : "getMember",
    "beanStyleSetterMethodName" : "setMember",
    "c2jName" : "member",
    "c2jShape" : "String",
    "defaultConsumerFluentSetterDocumentation" : "Sets the value of the Member property for this
object.\nThis is a convenience that creates an instance of the { @link String.Builder} avoiding the need to create
one manually via { @link String#builder()}.\nWhen the { @link Consumer} completes, { @link
String.Builder#build()} is called immediately and its result is passed to { @link #member(String)}\n@return Returns a reference to this object so
that method calls can be chained together.\n@see #member(String)",
    "deprecated" : false,
    "documentation" : "",
    "enumType" : null,
    "eventHeader" : false,
    "eventPayload" : false,
    "fluentEnumGetterMethodName" : null,
    "fluentEnumSetterMethodName" : null,
    "fluentGetterMethodName" : "member",
    "fluentSetterDocumentation" : "Sets the value of the Member property for this object.\n@see #member(String)"}
The new value for the Member property for this object.

@returns Returns a reference to this object so that method calls can be chained together.

"fluentSetterMethodName" : "member",
"getterDocumentation" : "Returns the value of the Member property for this object.

@return The value of the Member property for this object.

"getterModel" : {
  "returnType" : "String",
  "documentation" : null
},
"http" : {
  "additionalMarshallingPath" : null,
  "additionalUnmarshallingPath" : null,
  "flattened" : false,
  "greedy" : false,
  "header" : false,
  "isPayload" : false,
  "isStreaming" : false,
  "location" : null,
  "marshallLocation" : "PAYLOAD",
  "marshallLocationName" : "member",
  "queryString" : false,
  "statusCode" : false,
  "unmarshallLocationName" : "member",
  "uri" : false
},
"idempotencyToken" : false,
"isBinary" : false,
"jsonValue" : false,
"list" : false,
"listModel" : null,
"map" : false,
"mapModel" : null,
"marshallingType" : "STRING",
"name" : "Member",
"setterDocumentation" : "Sets the value of the Member property for this object.

@param member The new value for the Member property for this object.

"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"timestampFormat" : null,
"variable" : {
"setterMethodName" : "setMember",
"setterModel" : {
  "variableDeclarationType" : "String",
  "variableName" : "member",
  "variableType" : "String",
  "documentation" : null,
  "simpleType" : "String",
  "variableSetterType" : "String"
},
"simple" : true,
"variableDeclarationType" : "String",
"variableName" : "member",
"variableType" : "String",
"documentation" : "",
"simpleType" : "String",
"variableSetterType" : "String"
},
"xmlNameSpaceUri" : null
},
"memberLocationName" : null,
"memberType" : "String",
"map" : false,
"memberAdditionalMarshallingPath" : null,
"memberAdditionalUnmarshallingPath" : null,
"simple" : true,
"simpleType" : "String",
"templateImplType" : "java.util.ArrayList<String>",
"templateType" : "java.util.List<String>
}
},
"map" : false,
"mapModel" : null,
"marshallingType" : "LIST",
"name" : "SecurityGroupIds",
"setterDocumentation" : "<p>Specifies the security groups for VPC endpoint.</p><p>@param securityGroupIds Specifies the security groups for VPC endpoint.</p>",
"setterMethodName" : "setSecurityGroupIds",
"setterModel" : {
  "variableDeclarationType" : "java.util.List<String>",
  "variableName" : "securityGroupIds",
  "variableType" : "java.util.List<String>",
  "documentation" : null,
  "simpleType" : "List<String>",
  "variableSetterType" : "java.util.Collection<String>
}
},
"simple" : false,
"timestampFormat" : null,
"variable" : {
  "variableDeclarationType" : "java.util.List<String>",
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  "version" : "1.0"
},
"fileHeader" : "/*
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 */
",
"sdkModeledExceptionBaseClassName" : "ElasticsearchException",
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/models/es-2015-01-01-intermediate.json

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*/

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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/ListElasticsearchInstanceTypesRequest.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/InternalException.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/paginators/ListElasticsearchInstanceTypesPublisher.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/OptionStatus.java
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/ElasticsearchDomainResponse.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/CreateElasticsearchDomainResponse.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/CreateElasticsearchDomainRequest.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/ReservedElasticsearchInstanceOfferingListCopier.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/AddTagsRequest.java
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/paginators/ListElasticsearchInstanceTypesPublisher.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/OptionStatus.java
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/DomainInfo.java
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
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java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/model/DescribeReservedElasticsearchInstanceOffers-
response.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/model/GetCompatibleElasticsearchVersionsResponse.
java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/model/CompatibleElasticsearchVersionsListCopier.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/paginators/DescribeReservedElasticsearchInstances-
Iterable.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
jar/software/amazon/awssdk/services/elasticsearch/model/UpgradeStatus.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/elasticsearch-2-3-3-sources-1-
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jar/software/amazon/awssdk/services/elasticsearch/model/DescribeElasticsearchDomainRequest.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/LimitExceededException.java
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/ServiceSoftwareOptions.java
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/DescribeElasticsearchInstanceTypeLimitsResponse.java
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/transform/PurchaseReservedElasticsearchInstanceOfferingRequestMarshaller.java
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/DomainNameListCopier.java
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* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/StorageTypeLimit.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchBaseClientBuilder.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/DescribeElasticsearchInstanceTypeLimitsResponse.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/transform/DescribeElasticsearchDomainRequestMarshaller.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/model/UpgradeHistoryListCopier.java
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 */

/**
 * <p>
 * Allows you to either upgrade your domain or perform an Upgrade eligibility check to a compatible
 * Elasticsearch version.
 * ...
 */
* @param upgradeElasticsearchDomainRequest
*   Container for request parameters to <code>&lt;a&gt;UpgradeElasticsearchDomain&lt;/a&gt;</code> operation.
* @return Result of the UpgradeElasticsearchDomain operation returned by the service.
* @throws BaseException
*   An error occurred while processing the request.
* @throws ResourceNotFoundException
*   An exception for accessing or deleting a resource that does not exist. Gives http status code of 400.
* @throws ResourceAlreadyExistsException
*   An exception for creating a resource that already exists. Gives http status code of 400.
* @throws DisabledOperationException
*   An error occurred because the client wanted to access a not supported operation. Gives http status code of 409.
* @throws ValidationException
*   An exception for missing / invalid input fields. Gives http status code of 400.
* @throws InternalException
*   The request processing has failed because of an unknown error, exception or failure (the failure is internal to the service). Gives http status code of 500.
* @throws SdkException
*   Base class for all exceptions that can be thrown by the SDK (both service and client). Can be used for catch all scenarios.
* @throws SdkClientException
*   If any client side error occurs such as an IO related failure, failure to get credentials, etc.
* @throws ElasticsearchClientException
*   Base class for all service exceptions. Unknown exceptions will be thrown as an instance of this type.
* @sample ElasticsearchClient.UpgradeElasticsearchDomain
* /

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/ElasticsearchClient.java
* /opt/ws_local/PERMITS_SQL/1069476299_1594672764.44/0/elasticsearch-2-3-3-sources-1-jar/software/amazon/awssdk/services/elasticsearch/DefaultElasticsearchClient.java

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1.2456 wildfly-management-client-content

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1.2459 doxia-module-fml 1.0

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1.2463 flask-paranoid 0.2.0
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**Flask-Paranoid**
Simple user session protection.

from setuptools import setup

setup(
    name='Flask-Paranoid',
    version='0.2.0',
    url='http://github.com/miguelgrinberg/flask-paranoid/',
    license='MIT',
    author='Miguel Grinberg',
    author_email='miguelgrinberg50@gmail.com',
    description=('Simple user session protection'),
    long_description=__doc__,
    packages=['flask_paranoid'],
    zip_safe=False,
    include_package_data=True,
    platforms='any',
    install_requires=[
        'Flask>=0.10',
    ],
    test_suite='tests',
    classifiers=[
        'Environment :: Web Environment',
        'Intended Audience :: Developers',
        'License :: OSI Approved :: MIT License',
        'Operating System :: OS Independent',
        'Programming Language :: Python',
        'Programming Language :: Python :: 2',
        'Programming Language :: Python :: 3',
        'Topic :: Internet :: WWW/HTTP :: Dynamic Content',
        'Topic :: Software Development :: Libraries :: Python Modules'
    ]
)

Found in path(s):
* /opt/cola/permits/1159252492_1620104562.22/0/flask-paranoid-0.2.0.tar.gz/Flask-Paranoid-0.2.0/setup.py
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Metadata-Version: 1.1
Name: Flask-Paranoid
Version: 0.2.0
Summary: Simple user session protection
Home-page: http://github.com/miguelgrinberg/flask-paranoid/
Author: Miguel Grinberg
Author-email: miguelgrinberg50@gmail.com
License: MIT
Description:
Flask-Paranoid
-------------

Simple user session protection.

Platform: any
Classifier: Environment :: Web Environment
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: MIT License
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 2
Classifier: Programming Language :: Python :: 3
Classifier: Topic :: Internet :: WWW/HTTP :: Dynamic Content
Classifier: Topic :: Software Development :: Libraries :: Python Modules

Found in path(s):
* /opt/cola/permits/1159252492_1620104562.22/0/flask-paranoid-0-2-0-tar-gz/Flask-Paranoid-0.2.0/Flask_Paranoid.egg-info/PKG-INFO
* /opt/cola/permits/1159252492_1620104562.22/0/flask-paranoid-0-2-0-tar-gz/Flask-Paranoid-0.2.0/PKG-INFO

1.2464 libuser 0.60 9.el7
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1.2465 jaxb-api 2.1

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Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

The following list of people, sorted by last name, have contributed code or patches to this implementation of sudo since I began maintaining it in 1993. This list is known to be incomplete--if you believe you should be listed, please send a note to sudo@sudo.ws.

Ackeret, Matt
Adler, Mark
Allbery, Russ
Anderson, Jamie
Andrew, Nick
Andric, Dimitry
Barron, Danny
Bates, Tom
Behan, Zdenk
Bellis, Ray
Venckus, Martynas
de Vries, Maarten
Wagner, Klaus
Walsh, Dan
Warburton, John
Webb, Kirk
Wetzel, Timm
Wieringen, Marco van
Wilk, Jakub
Winiger, Gary
Wood, David
Zacarias, Gustavo
Zolnowsky, John

The following people have worked to translate sudo into other languages:

Blittermann, Mario
Bogusz, Jakub
Buo-ren, Lin
Casagrande, Milo
Castro, Felipe
Cho, Seong-ho
Chornoivan, Yuri
Diguez, Francisco
Fontenelle, Rafael
Garca-Fontes, Walter
Gezer, Volkan
Hamasaki, Takeshi
Hamming, Peter
Hansen, Joe
Hantrais, Frederic
Hein, Jochen
Hufthammer, Karl Ove
Jerovek, Damir
Karvonen, Jorma
Kazik, Duan
Kelemen, Gbor
Keeeci, Mehmet
Koir, Klemen
Kozlov, Yuri
Kramer, Jakob
Krznar, Tomislav
Marchal, Frederic
Margeviuius, Algimantas
Maryanov, Pavel
Nikoli, Miroslav
Nylander, Daniel
1.2476 wildfly-client-config 1.0.1.Final

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Manifest-Version: 1.0
Bundle-License: http://repository.jboss.org/licenses/apache-2.0.txt
Bundle-SymbolicName: org.wildfly.client.wildfly-client-config
Built-By: kabir
Bnd-LastModified: 1535117257232
Specification-Title: WildFly Client Configuration
Implementation-Vendor-Id: org.wildfly.client
Bundle-Name: WildFly Client Configuration
Bundle-Description: Library for supporting WildFly common client configuration
Implementation-Version: 1.0.1.Final
Java-Version: 1.8.0_111
Scm-Url: http://github.com/jboss/jboss-parent-pom/wildfly-client-config

Export-Package: org.wildfly.client.config;version="1.0.1.Final";uses="javax.xml.stream,org.wildfly.common.expression,org.wildfly.common.function,org.wildfly.common.net"
Bundle-Name: WildFly Client Configuration
Bundle-Description: Library for supporting WildFly common client configuration
Implementation-Version: 1.0.1.Final
Java-Version: 1.8.0_111
Scm-Connection: scm:git:git@github.com:jboss/jboss-parent-pom.git/wildfly-client-config
Specification-Vendor: JBoss by Red Hat
Os-Arch: x86_64
Bundle-ManifestVersion: 2
Java-Vendor: Oracle Corporation
Bundle-Vendor: JBoss by Red Hat
Os-Name: Mac OS X
Tool: Bnd-3.3.0.201609221906
Implementation-Vendor: JBoss by Red Hat
Os-Version: 10.13.6
Scm-Revision: 53c774d2df1d1fd74fa5333b8975cebcada74839
Bundle-Version: 1.0.1.Final
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_111
Specification-Version: 1.0.1.Final
Implementation-URL: http://www.jboss.org/wildfly-client-config

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1.2477 mime4j 0.6

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# PLY (Python Lex-Yacc)                   Version 3.11

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Introduction
============

PLY is a 100% Python implementation of the common parsing tools lex and yacc. Here are a few highlights:

- PLY is very closely modeled after traditional lex/yacc. If you know how to use these tools in C, you will find PLY to be similar.

- PLY provides *very* extensive error reporting and diagnostic information to assist in parser construction. The original implementation was developed for instructional purposes. As a result, the system tries to identify the most common types of errors made by novice users.

- PLY provides full support for empty productions, error recovery, precedence specifiers, and moderately ambiguous grammars.

- Parsing is based on LR-parsing which is fast, memory efficient, better suited to large grammars, and which has a number of nice properties when dealing with syntax errors and other parsing problems. Currently, PLY builds its parsing tables using the LALR(1) algorithm used in yacc.

- PLY uses Python introspection features to build lexers and parsers. This greatly simplifies the task of parser construction since it reduces the number of files and eliminates the need to run a separate lex/yacc tool before running your program.

- PLY can be used to build parsers for "real" programming languages. Although it is not ultra-fast due to its Python implementation, PLY can be used to parse grammars consisting of several hundred rules (as might be found for a language like C). The lexer and LR parser are also reasonably efficient when parsing typically sized programs. People have used PLY to build parsers for C, C++, ADA, and other real programming languages.

How to Use
==========

PLY consists of two files : lex.py and yacc.py. These are contained within the 'ply' directory which may also be used as a Python package. To use PLY, simply copy the 'ply' directory to your project and import lex and yacc from the associated 'ply' package. For example:
import ply.lex as lex
import ply.yacc as yacc

Alternatively, you can copy just the files lex.py and yacc.py individually and use them as modules. For example:

import lex
import yacc

The file setup.py can be used to install ply using distutils.

The file doc/ply.html contains complete documentation on how to use the system.

The example directory contains several different examples including a PLY specification for ANSI C as given in K&R 2nd Ed.

A simple example is found at the end of this document

Requirements
============
PLY requires the use of Python 2.6 or greater. However, you should use the latest Python release if possible. It should work on just about any platform. PLY has been tested with both CPython and Jython. It also seems to work with IronPython.

Resources
========= More information about PLY can be obtained on the PLY webpage at:

http://www.dabeaz.com/ply

For a detailed overview of parsing theory, consult the excellent book "Compilers : Principles, Techniques, and Tools" by Aho, Sethi, and Ullman. The topics found in "Lex & Yacc" by Levine, Mason, and Brown may also be useful.

The GitHub page for PLY can be found at:

https://github.com/dabeaz/ply

An old and relatively inactive discussion group for PLY is found at:

http://groups.google.com/group/ply-hack

Acknowledgments
================ A special thanks is in order for all of the students in CS326 who
suffered through about 25 different versions of these tools :-).

The CHANGES file acknowledges those who have contributed patches.

Elias Ioup did the first implementation of LALR(1) parsing in PLY-1.x.
Andrew Waters and Markus Schoepflin were instrumental in reporting bugs
and testing a revised LALR(1) implementation for PLY-2.0.

Special Note for PLY-3.0
========================
PLY-3.0 the first PLY release to support Python 3. However, backwards
compatibility with Python 2.6 is still preserved. PLY provides dual
Python 2/3 compatibility by restricting its implementation to a common
subset of basic language features. You should not convert PLY using
2to3--it is not necessary and may in fact break the implementation.

Example
=======
Here is a simple example showing a PLY implementation of a calculator
with variables.

```python
# calc.py
#

# A simple calculator with variables.
#

tokens = (
    'NAME', 'NUMBER',
    'PLUS', 'MINUS', 'TIMES', 'DIVIDE', 'EQUALS',
    'LPAREN', 'RPAREN',
)

def t_NUMBER(t):
    r'\d+'
    t.value = int(t.value)
```
return t

# Ignored characters
t_ignore = " \
"

def t_newline(t):
    r'\n+'
    t.lexer.lineno += t.value.count("\n")

def t_error(t):
    print("Illegal character '%s'" % t.value[0])
    t.lexer.skip(1)

# Build the lexer
import ply.lex as lex
lex.lex()

# Precedence rules for the arithmetic operators
precedence = (
    ('left','PLUS','MINUS'),
    ('left','TIMES','DIVIDE'),
    ('right','UMINUS'),
)

# dictionary of names (for storing variables)
names = { }

def p_statement_assign(p):
    'statement : NAME EQUALS expression'
    names[p[1]] = p[3]

def p_statement_expr(p):
    'statement : expression'
    print(p[1])

def p_expression_binop(p):
    "expression : expression PLUS expression
    | expression MINUS expression
    | expression TIMES expression
    | expression DIVIDE expression"

def p_expression_uminus(p):
    'expression : MINUS expression %prec UMINUS'
    p[0] = -p[2]
def p_expression_group(p):
    'expression : LPAREN expression RPAREN'
    p[0] = p[2]

def p_expression_number(p):
    'expression : NUMBER'
    p[0] = p[1]

def p_expression_name(p):
    'expression : NAME'
    try:
        p[0] = names[p[1]]
    except LookupError:
        print("Undefined name '%s'" % p[1])
        p[0] = 0

def p_error(p):
    print("Syntax error at '%s'" % p.value)

import ply.yacc as yacc
yacc.yacc()

while True:
    try:
        s = raw_input('calc > ')   # use input() on Python 3
        yacc.parse(s)
    except EOFError:
        break

Bug Reports and Patches
========================
My goal with PLY is to simply have a decent lex/yacc implementation for Python. As a general rule, I don't spend huge amounts of time working on it unless I receive very specific bug reports and/or patches to fix problems. I also try to incorporate submitted feature requests and enhancements into each new version. Please visit the PLY github page at https://github.com/dabeaz/ply to submit issues and pull requests. To contact me about bugs and/or new features, please send email to dave@dabeaz.com.

-- Dave

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* /opt/cola/permits/1160874329_1620411264.5/0/dabeaz-PLY-3.11-0-g0f398b7-1-tar-gz/dabeaz-PLY-
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1.2481 spring-boot-starter-web

2.1.2.RELEASE

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1.2486 ca-certificates 2019.2.32 76.el7_7

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# certdata2pem.py - splits certdata.txt into multiple files
#
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That's all there is to it!
Here is a list of the main contributors to lm-sensors version 3.

* Frodo Looijaard
  Original author of libsensors, sensors-detect, sensors and isadump.
* Merlin Hughes
  Original author of sensord.
* Bob Schlaermann
  Dynamic chip feature detection (a.k.a. generic chip support) in
libsensors and sensors.
* Mark M. Hoffman
  Many improvements to the libsensors configuration file scanner.
* Jean Delvare
  New libsensors API, and migration of sensors and sensord thereto.
  Many optimizations in libsensors and sensors.
  Configuration file converter.
  Rewrite of sensors-detect.
  Support for multiple configuration files in libsensors.

1.2489 appdirs 1.4.3

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1.2490 wildfly-microprofile-health-smallrye

14.0.1.Final

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com.fasterxml.jackson.dataformat.smile.SmileFactory

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1.2492 sqlite 3.8.10.2
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    /*
    ** CAPI3REF: Configuration Options
    ** KEYWORDS: [configuration option]
    **
    ** These constants are the available integer configuration options that
    ** can be passed as the first argument to the [sqlite3_config()] interface.
    **
    ** New configuration options may be added in future releases of SQLite.
** Existing configuration options might be discontinued. Applications
** should check the return code from [sqlite3_config()] to make sure that
** the call worked. The [sqlite3_config()] interface will return a
** non-zero [error code] if a discontinued or unsupported configuration option
** is invoked.
**
** <dl>
**  [[SQLITE_CONFIG_SINGLETHREAD]] <dt>SQLITE_CONFIG_SINGLETHREAD</dt></dd>
**  <dd>There are no arguments to this option.  ^This option sets the
**  [threading mode] to Single-thread.  In other words, it disables
**  all mutexing and puts SQLite into a mode where it can only be used
**  by a single thread.  ^If SQLite is compiled with
**  the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
**  it is not possible to change the [threading mode] from its default
**  value of Single-thread and so [sqlite3_config()] will return
**  [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD
**  configuration option.</dd>
**
**  [[SQLITE_CONFIG_MULTITHREAD]] <dt>SQLITE_CONFIG_MULTITHREAD</dt></dd>
**  <dd>There are no arguments to this option.  ^This option sets the
**  [threading mode] to Multi-thread.  In other words, it disables
**  mutexing on [database connection] and [prepared statement] objects.
**  The application is responsible for serialization access to
**  [database connections] and [prepared statements].  But other mutexes
**  are enabled so that SQLite will be safe to use in a multi-threaded
**  environment as long as no two threads attempt to use the same
**  [database connection] at the same time.  ^If SQLite is compiled with
**  the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
**  it is not possible to set the Multi-thread [threading mode] and
**  [sqlite3_config()] will return [SQLITE_ERROR] if called with the
**  SQLITE_CONFIG_MULTITHREAD configuration option.</dd>
**
**  [[SQLITE_CONFIG_SERIALIZED]] <dt>SQLITE_CONFIG_SERIALIZED</dt></dd>
**  <dd>There are no arguments to this option.  ^This option sets the
**  [threading mode] to Serialized. In other words, this option enables
**  all mutexes including the recursive
**  mutexes on [database connection] and [prepared statement] objects.
**  In this mode (which is the default when SQLite is compiled with
**  [SQLITE_THREADSAFE=1]) the SQLite library will itself serialize access
**  to [database connections] and [prepared statements] so that the
**  application is free to use the same [database connection] or the
**  same [prepared statement] in different threads at the same time.
**  ^If SQLite is compiled with
**  the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
**  it is not possible to set the Serialized [threading mode] and
**  [sqlite3_config()] will return [SQLITE_ERROR] if called with the
**  SQLITE_CONFIG_SERIALIZED configuration option.</dd>
**
** [[SQLITE_CONFIG_MALLOC]] <dt>SQLITE_CONFIG_MALLOC</dt>**
** <dd> The SQLITE_CONFIG_MALLOC option takes a single argument which is
** a pointer to an instance of the [sqlite3_mem_methods] structure.
** The argument specifies
** alternative low-level memory allocation routines to be used in place of
** the memory allocation routines built into SQLite. ^ SQLite makes
** its own private copy of the content of the [sqlite3_mem_methods] structure
** before the [sqlite3_config()] call returns. </dd>**

** [[SQLITE_CONFIG_GETMALLOC]] <dt>SQLITE_CONFIG_GETMALLOC</dt>**
** <dd> The SQLITE_CONFIG_GETMALLOC option takes a single argument which is
** a pointer to an instance of the [sqlite3_mem_methods] structure.
** The [sqlite3_mem_methods]
** structure is filled with the currently defined memory allocation routines.)
** This option can be used to overload the default memory allocation
** routines with a wrapper that simulates memory allocation failure or
** tracks memory usage, for example. </dd>**

** [[SQLITE_CONFIG_MEMSTATUS]] <dt>SQLITE_CONFIG_MEMSTATUS</dt>**
** <dd> The SQLITE_CONFIG_MEMSTATUS option takes single argument of type int,
** interpreted as a boolean, which enables or disables the collection of
** memory allocation statistics. ^ (When memory allocation statistics are
** disabled, the following SQLite interfaces become non-operational:
** <ul>
**   <li> [sqlite3_memory_used()]
**   <li> [sqlite3_memory_highwater()]
**   <li> [sqlite3_soft_heap_limit64()]
**   <li> [sqlite3_status64()]
**   </ul>) ^ Memory allocation statistics are enabled by default unless SQLite is
** compiled with [SQLITE_DEFAULT_MEMSTATUS]=0 in which case memory
** allocation statistics are disabled by default. </dd>**

** [[SQLITE_CONFIG_SCRATCH]] <dt>SQLITE_CONFIG_SCRATCH</dt>**
** <dd> The SQLITE_CONFIG_SCRATCH option specifies a static memory buffer
** that SQLite can use for scratch memory. ^ (There are three arguments
** to SQLITE_CONFIG_SCRATCH: A pointer an 8-byte
** aligned memory buffer from which the scratch allocations will be
** drawn, the size of each scratch allocation (sz),
** and the maximum number of scratch allocations (N).) ^
** The first argument must be a pointer to an 8-byte aligned buffer
** of at least sz*N bytes of memory.
** ^ SQLite will not use more than one scratch buffers per thread.
** ^ SQLite will never request a scratch buffer that is more than 6
** times the database page size.
** ^ If SQLite needs needs additional
** scratch memory beyond what is provided by this configuration option, then
**[sqlite3_malloc()]** will be used to obtain the memory needed.<p>
**^When the application provides any amount of scratch memory using
**SQLITE_CONFIG_SCRATCH, SQLite avoids unnecessary large
**[sqlite3_malloc] heap allocations].
**This can help [Robson proof] prevent memory allocation failures due to heap
**fragmentation in low-memory embedded systems.
**</dd>
**
**[[SQLITE_CONFIG_PAGECACHE]] <dt>SQLITE_CONFIG_PAGECACHE</dt>
**<dd>^The SQLITE_CONFIG_PAGECACHE option specifies a static memory buffer
**that SQLite can use for the database page cache with the default page
**cache implementation.
**This configuration should not be used if an application-defined page
**cache implementation is loaded using the [SQLITE_CONFIG_PCACHE2]
**configuration option.
**^There are three arguments to SQLITE_CONFIG_PAGECACHE: A pointer to
**8-byte aligned
**memory, the size of each page buffer (sz), and the number of pages (N).
**The sz argument should be the size of the largest database page
**a power of two between 512 and 65536) plus some extra bytes for each
**page header. ^The number of extra bytes needed by the page header
**can be determined using the [SQLITE_CONFIG_PCACHE_HDRSZ] option
**to [sqlite3_config()].
**^It is harmless, apart from the wasted memory,
**for the sz parameter to be larger than necessary. The first
**argument should point to an 8-byte aligned block of memory that
**is at least sz*N bytes of memory, otherwise subsequent behavior is
**undefined.
**^SQLite will use the memory provided by the first argument to satisfy its
**memory needs for the first N pages that it adds to cache. ^If additional
**page cache memory is needed beyond what is provided by this option, then
**SQLite goes to [sqlite3_malloc()] for the additional storage space.</dd>
**
**[[SQLITE_CONFIG_HEAP]] <dt>SQLITE_CONFIG_HEAP</dt>
**<dd>^The SQLITE_CONFIG_HEAP option specifies a static memory buffer
**that SQLite will use for all of its dynamic memory allocation needs
**beyond those provided for by [SQLITE_CONFIG_SCRATCH] and
**[SQLITE_CONFIG_PAGECACHE].
**^The SQLITE_CONFIG_HEAP option is only available if SQLite is compiled
**with either [SQLITE_ENABLE_MEMSYS3] or [SQLITE_ENABLE_MEMSYS5] and returns
**[SQLITE_ERROR] if invoked otherwise.
**^There are three arguments to SQLITE_CONFIG_HEAP:
**An 8-byte aligned pointer to the memory,
**the number of bytes in the memory buffer, and the minimum allocation size.
**^If the first pointer (the memory pointer) is NULL, then SQLite reverts
**to using its default memory allocator (the system malloc() implementation),
**undoing any prior invocation of [SQLITE_CONFIG_MALLOC]. ^If the
**memory pointer is not NULL then the alternative memory
allocator is engaged to handle all of SQLites memory allocation needs.  
The first pointer (the memory pointer) must be aligned to an 8-byte  
boundary or subsequent behavior of SQLite will be undefined.  
The minimum allocation size is capped at 2**12. Reasonable values  
for the minimum allocation size are 2**5 through 2**8.</dd>

**

** [[SQLITE_CONFIG_MUTEX]] <dt>SQLITE_CONFIG_MUTEX</dt>
** <dd> *(The SQLITE_CONFIG_MUTEX option takes a single argument which is a  
** pointer to an instance of the [sqlite3_mutex_methods] structure.  
The argument specifies alternative low-level mutex routines to be used  
in place the mutex routines built into SQLite.)*SQLite makes a copy of  
** the content of the [sqlite3_mutex_methods] structure before the call to  
** [sqlite3_config()] returns. *If SQLite is compiled with  
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then  
** the entire mutexing subsystem is omitted from the build and hence calls to  
** [sqlite3_config()] with the SQLITE_CONFIG_MUTEX configuration option will  
** return [SQLITE_ERROR].</dd>

**

** [[SQLITE_CONFIG_GETMUTEX]] <dt>SQLITE_CONFIG_GETMUTEX</dt>
** <dd> *(The SQLITE_CONFIG_GETMUTEX option takes a single argument which  
is a pointer to an instance of the [sqlite3_mutex_methods] structure.  The  
** [sqlite3_mutex_methods]  
** structure is filled with the currently defined mutex routines.)*  
** This option can be used to overload the default mutex allocation  
** routines with a wrapper used to track mutex usage for performance  
** profiling or testing, for example. *If SQLite is compiled with  
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then  
** the entire mutexing subsystem is omitted from the build and hence calls to  
** [sqlite3_config()] with the SQLITE_CONFIG_GETMUTEX configuration option will  
** return [SQLITE_ERROR].</dd>

**

** [[SQLITE_CONFIG_LOOKASIDE]] <dt>SQLITE_CONFIG_LOOKASIDE</dt>
** <dd> *(The SQLITE_CONFIG_LOOKASIDE option takes two arguments that determine  
the default size of lookaside memory on each [database connection].  
The first argument is the  
size of each lookaside buffer slot and the second is the number of  
slots allocated to each database connection.)*  
(SQLITE_CONFIG_LOOKASIDE  
sets the <i>default</i> lookaside size. The [SQLITE_DBCONFIG_LOOKASIDE]  
option to [sqlite3_db_config()] can be used to change the lookaside  
configuration on individual connections.)*</dd>

**

** [[SQLITE_CONFIG_PCACHE2]] <dt>SQLITE_CONFIG_PCACHE2</dt>
** <dd> *(The SQLITE_CONFIG_PCACHE2 option takes a single argument which is  
a pointer to an [sqlite3_pcache_methods2] object. This object specifies  
the interface to a custom page cache implementation.)*  
(SQLITE_CONFIG_PCACHE2  
makes a copy of the [sqlite3_pcache_methods2] object.</dd>

**

** [[SQLITE_CONFIG_GETPCACHE2]] <dt>SQLITE_CONFIG_GETPCACHE2</dt>
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** <dd>(The SQLITE_CONFIG_GETPCACHE2 option takes a single argument which
** is a pointer to an [sqlite3_pcache_methods2] object. SQLite copies of
** the current page cache implementation into that object.)</dd>

**

** [[SQLITE_CONFIG_LOG]] <dt>SQLITE_CONFIG_LOG</dt>
** <dd> The SQLITE_CONFIG_LOG option is used to configure the SQLite
** global [error log].
** (The SQLITE_CONFIG_LOG option takes two arguments: a pointer to a
** function with a call signature of void(*)(void*,int,const char*),
** and a pointer to void. If the function pointer is not NULL, it is
** invoked by [sqlite3_log() to process each logging event. If the
** function pointer is NULL, the [sqlite3_log()] interface becomes a no-op.
** (The void pointer that is the second argument to SQLITE_CONFIG_LOG is
** passed through as the first parameter to the application-defined logger
** function whenever that function is invoked. (The second parameter to
** the logger function is a copy of the first parameter to the corresponding
** [sqlite3_log()] call and is intended to be a [result code] or an
** [extended result code]. (The third parameter passed to the logger is
** log message after formatting via [sqlite3_snprintf()].
** The SQLite logging interface is not reentrant; the logger function
** supplied by the application must not invoke any SQLite interface.
** In a multi-threaded application, the application-defined logger
** function must be threadsafe. </dd>

**

** [[SQLITE_CONFIG_URI]] <dt>SQLITE_CONFIG_URI
** <dd>(The SQLITE_CONFIG_URI option takes a single argument of type int.
** If non-zero, then URI handling is globally enabled. If the parameter is zero,
** then URI handling is globally disabled.) (If URI handling is globally
** enabled, all filenames passed to [sqlite3_open()], [sqlite3_open_v2()],
** [sqlite3_open16()] or
** specified as part of [ATTACH] commands are interpreted as URIs, regardless
** of whether or not the [SQLITE_OPEN_URI] flag is set when the database
** connection is opened. (If it is globally disabled, filenames are
** only interpreted as URIs if the SQLITE_OPEN_URI flag is set when the
** database connection is opened. (By default, URI handling is globally
** disabled. The default value may be changed by compiling with the
** [SQLITE_USE_URI] symbol defined.)

** **

** [[SQLITE_CONFIG_COVERING_INDEX_SCAN]] <dt>SQLITE_CONFIG_COVERING_INDEX_SCAN
** <dd>(The SQLITE_CONFIG_COVERING_INDEX_SCAN option takes a single integer
** argument which is interpreted as a boolean in order to enable or disable
** the use of covering indices for full table scans in the query optimizer.
** (The default setting is determined
** by the [SQLITE_ALLOW_COVERING_INDEX_SCAN] compile-time option, or is "on"
** if that compile-time option is omitted.
** The ability to disable the use of covering indices for full table scans
** is because some incorrectly coded legacy applications might malfunction
** when the optimization is enabled. Providing the ability to
** disable the optimization allows the older, buggy application code to work
** without change even with newer versions of SQLite.
**
** [[SQLITE_CONFIG_PCACHE]] [[SQLITE_CONFIG_GETPCACHE]]
** <dt>SQLITE_CONFIG_PCACHE and SQLITE_CONFIG_GETPCACHE
** <dd> These options are obsolete and should not be used by new code.
** They are retained for backwards compatibility but are now no-ops.
** </dd>
**
** [[SQLITE_CONFIG_SQLLOG]]
** <dt>SQLITE_CONFIG_SQLLOG
** <dd>This option is only available if sqlite is compiled with the
** [SQLITE_ENABLE_SQLLOG] pre-processor macro defined. The first argument should
** be a pointer to a function of type void(*)(void*,sqlite3*,const char*, int).
** The second should be of type (void*). The callback is invoked by the library
** in three separate circumstances, identified by the value passed as the
** fourth parameter. If the fourth parameter is 0, then the database connection
** passed as the second argument has just been opened. The third argument
** points to a buffer containing the name of the main database file. If the
** fourth parameter is 1, then the SQL statement that the third parameter
** points to has just been executed. Or, if the fourth parameter is 2, then
** the connection being passed as the second parameter is being closed. The
** third parameter is passed NULL In this case. An example of using this
** configuration option can be seen in the "test_sqllog.c" source file in
** the canonical SQLite source tree.</dd>
**
** [[SQLITE_CONFIG_MMAP_SIZE]]
** <dt>SQLITE_CONFIG_MMAP_SIZE
** <dd>^SQLITE_CONFIG_MMAP_SIZE takes two 64-bit integer (sqlite3_int64) values
** that are the default mmap size limit (the default setting for
** [PRAGMA mmap_size]) and the maximum allowed mmap size limit.
** ^The default setting can be overridden by each database connection using
** either the [PRAGMA mmap_size] command, or by using the
** [SQLITE_FCNTL_MMAP_SIZE] file control. ^(The maximum allowed mmap size
** will be silently truncated if necessary so that it does not exceed the
** compile-time maximum mmap size set by the
** [SQLITE_MAX_MMAP_SIZE] compile-time option.)^
** ^If either argument to this option is negative, then that argument is
** changed to its compile-time default.
**
** [[SQLITE_CONFIG_WIN32_HEAPSIZE]]
** <dt>SQLITE_CONFIG_WIN32_HEAPSIZE
** <dd>^SQLITE_CONFIG_WIN32_HEAPSIZE takes a 32-bit unsigned integer value
** that is the maximum size of the created heap.
**
** [[SQLITE_CONFIG_PCACHE_HDRSZ]]
** SQLite_CONFIG_PCACHE_HDRSZ
**<dt>The SQLITE_CONFIG_PCACHE_HDRSZ option takes a single parameter which
**is a pointer to an integer and writes into that integer the number of extra
**bytes per page required for each page in [SQLITE_CONFIG_PAGECACHE].
**The amount of extra space required can change depending on the compiler,
**target platform, and SQLite version.
**
**[[SQLITE_CONFIG_PMASZ]]
**<dt>SQLite CONFIG PMASZ
**<dd>^The SQLITE_CONFIG_PMASZ option takes a single parameter which
**is an unsigned integer and sets the "Minimum PMA Size" for the multithreaded
**sorter to that integer. The default minimum PMA Size is set by the
**[SQLITE_SORTER_PMASZ] compile-time option. New threads are launched
**to help with sort operations when multithreaded sorting
**is enabled (using the [PRAGMA threads] command) and the amount of content
**to be sorted exceeds the page size times the minimum of the
**[PRAGMA cache_size] setting and this value.
**</dl>
***/
/*
** The "printf" code that follows dates from the 1980's. It is in
** the public domain.
**
******************
**
** This file contains code for a set of "printf"-like routines. These
** routines format strings much like the printf() from the standard C
** library, though the implementation here has enhancements to support
** SQLite.
*/
/*
** 2004 May 22
**
** The author disclaims copyright to this source code. In place of
** a legal notice, here is a blessing:
**
** May you do good and not evil.
** May you find forgiveness for yourself and forgive others.
** May you share freely, never taking more than you give.
**
*****************
**
** This file contains the VFS implementation for unix-like operating systems
** include Linux, MacOSX, *BSD, QNX, VxWorks, AIX, HPUX, and others.
**
** There are actually several different VFS implementations in this file.
** The differences are in the way that file locking is done. The default
** implementation uses Posix Advisory Locks. Alternative implementations
** use flock(), dot-files, various proprietary locking schemas, or simply ** skip locking all together.

**

** This source file is organized into divisions where the logic for various ** subfunctions is contained within the appropriate division. PLEASE ** KEEP THE STRUCTURE OF THIS FILE INTACT. New code should be placed ** in the correct division and should be clearly labeled.

**

** The layout of divisions is as follows:

**

**  * General-purpose declarations and utility functions.
**  * Unique file ID logic used by VxWorks.
**  * Various locking primitive implementations (all except proxy locking):
**      + for Posix Advisory Locks
**      + for no-op locks
**      + for dot-file locks
**      + for flock() locking
**      + for named semaphore locks (VxWorks only)
**      + for AFP filesystem locks (MacOSX only)
**  * sqlite3_file methods not associated with locking.
**  * Definitions of sqlite3_io_methods objects for all locking ** methods plus "finder" functions for each locking method.
**  * sqlite3_vfs method implementations.
**  * Locking primitives for the proxy uber-locking-method. (MacOSX only) ** Definitions of sqlite3_vfs objects for all locking methods ** plus implementations of sqlite3_os_init() and sqlite3_os_end(). */

/*

** Return a pointer to the "temporary page" buffer held internally ** by the pager. This is a buffer that is big enough to hold the ** entire content of a database page. This buffer is used internally ** during rollback and will be overwritten whenever a rollback ** occurs. But other modules are free to use it too, as long as ** no rollbacks are happening.

*/

/*

** Advance the cursor to the next entry in the database. If ** successful then set *pRes=0. If the cursor ** was already pointing to the last entry in the database before ** this routine was called, then set *pRes=1.

** The main entry point is sqlite3BtreeNext(). That routine is optimized ** for the common case of merely incrementing the cell counter BtCursor.aiIdx ** to the next cell on the current page. The (slower) btreeNext() helper ** routine is called when it is necessary to move to a different page or ** to restore the cursor.

** The calling function will set *pRes to 0 or 1. The initial *pRes value
** will be 1 if the cursor being stepped corresponds to an SQL index and **  
** if this routine could have been skipped if that SQL index had been  
** a unique index. Otherwise the caller will have set *pRes to zero.  
** Zero is the common case. The btree implementation is free to use the  
** initial *pRes value as a hint to improve performance, but the current  
** SQLite btree implementation does not. (Note that the comdb2 btree  
** implementation does use this hint, however.)  
*/

Found in path(s):
* /opt/cola/permits/103215794_1646171445.15/0/sqlite-amalgamation-201507162017-zip/sqlite3.c
No license file was found, but licenses were detected in source scan.

/ *
** CAPI3REF: Configuration Options  
** KEYWORDS: [configuration option]  
**
** These constants are the available integer configuration options that  
** can be passed as the first argument to the [sqlite3_config()] interface.  
**
** New configuration options may be added in future releases of SQLite.  
** Existing configuration options might be discontinued. Applications  
** should check the return code from [sqlite3_config()] to make sure that  
** the call worked. The [sqlite3_config()] interface will return a  
** non-zero [error code] if a discontinued or unsupported configuration option  
** is invoked.  
**
** <dl>
**
** [[SQLITE_CONFIG_SINGLETHREAD]] <dt>SQLITE_CONFIG_SINGLETHREAD</dt>
**
** <dd>There are no arguments to this option. ^This option sets the  
** [threading mode] to Single-thread. In other words, it disables  
** all mutixing and puts SQLite into a mode where it can only be used  
** by a single thread. ^If SQLite is compiled with  
** the [SQLITE_THREADSAFE] [SQLITE_THREADSAFE=0] compile-time option then  
** it is not possible to change the [threading mode] from its default  
** value of Single-thread and so [sqlite3_config()] will return  
** [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD  
** configuration option. </dd>
**
**
** [[SQLITE_CONFIG_MULTITHREAD]] <dt>SQLITE_CONFIG_MULTITHREAD</dt>
**
** <dd>There are no arguments to this option. ^This option sets the  
** [threading mode] to Multi-thread. In other words, it disables  
** mutixing on [database connection] and [prepared statement] objects.  
** The application is responsible for serializing access to  
** [database connections] and [prepared statements]. But other mutexes  
** are enabled so that SQLite will be safe to use in a multi-threaded  
** environment as long as no two threads attempt to use the same  
** [database connection] at the same time. ^If SQLite is compiled with
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
** it is not possible to set the Multi-thread [threading mode] and
** [sqlite3_config()] will return [SQLITE_ERROR] if called with the
** SQLITE_CONFIG_MULTITHREAD configuration option.</dd>

**
** [[SQLITE_CONFIG_SERIALIZED]] <dt>SQLITE_CONFIG_SERIALIZED</dt>
** <dd>There are no arguments to this option. ^This option sets the
** [threading mode] to Serialized. In other words, this option enables
** all mutexes including the recursive
** mutexes on [database connection] and [prepared statement] objects.
** In this mode (which is the default when SQLite is compiled with
** [SQLITE_THREADSAFE=1]) the SQLite library will itself serialize access
** to [database connections] and [prepared statements] so that the
** application is free to use the same [database connection] or the
** same [prepared statement] in different threads at the same time.
** ^If SQLite is compiled with
** the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then
** it is not possible to set the Serialized [threading mode] and
** [sqlite3_config()] will return [SQLITE_ERROR] if called with the
** SQLITE_CONFIG_SERIALIZED configuration option.</dd>

**
** [[SQLITE_CONFIG_MALLOC]] <dt>SQLITE_CONFIG_MALLOC</dt>
** <dd> ^(The SQLITE_CONFIG_MALLOC option takes a single argument which is
** a pointer to an instance of the [sqlite3_mem_methods] structure.
** The argument specifies
** alternative low-level memory allocation routines to be used in place of
** the memory allocation routines built into SQLite.)^ ^SQLite makes
** its own private copy of the content of the [sqlite3_mem_methods] structure
** before the [sqlite3_config()] call returns. </dd>

**
** [[SQLITE_CONFIG_GETMALLOC]] <dt>SQLITE_CONFIG_GETMALLOC</dt>
** <dd> ^(The SQLITE_CONFIG_GETMALLOC option takes a single argument which
** is a pointer to an instance of the [sqlite3_mem_methods] structure.
** The [sqlite3_mem_methods]
** structure is filled with the currently defined memory allocation routines.)^  
** This option can be used to overload the default memory allocation
** routines with a wrapper that simulations memory allocation failure or
** tracks memory usage, for example. </dd>

**
** [[SQLITE_CONFIG_MEMSTATUS]] <dt>SQLITE_CONFIG_MEMSTATUS</dt>
** <dd> ^The SQLITE_CONFIG_MEMSTATUS option takes single argument of type int,
** interpreted as a boolean, which enables or disables the collection of
** memory allocation statistics. ^(When memory allocation statistics are
** disabled, the following SQLite interfaces become non-operational:
** <ul>
** <li> [sqlite3_memory_used()]
** <li> [sqlite3_memory_highwater()]
** <li> [sqlite3_soft_heap_limit64()]

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**^Memory allocation statistics are enabled by default unless SQLite is
compiled with [SQLITE_DEFAULT_MEMSTATUS]=0 in which case memory
allocation statistics are disabled by default.
**</dd>
**
** [[SQLITE_CONFIG_SCRATCH]] <dt>SQLITE_CONFIG_SCRATCH</dt>
** <dd> ^The SQLITE_CONFIG_SCRATCH option specifies a static memory buffer
** that SQLite can use for scratch memory. ^There are three arguments
** to SQLITE_CONFIG_SCRATCH: A pointer an 8-byte
** aligned memory buffer from which the scratch allocations will be
drawn, the size of each scratch allocation (sz),
** and the maximum number of scratch allocations (N).^
** The first argument must be a pointer to an 8-byte aligned buffer
** of at least sz*N bytes of memory.
** ^SQLite will not use more than one scratch buffers per thread.
** ^SQLite will never request a scratch buffer that is more than 6
** times the database page size.
** ^If SQLite needs needs additional
** scratch memory beyond what is provided by this configuration option, then
** [sqlite3_malloc()] will be used to obtain the memory needed.<p>
** ^When the application provides any amount of scratch memory using
** SQLITE_CONFIG_SCRATCH, SQLite avoids unnecessary large
** [sqlite3_malloc]heap allocations].
** This can help [Robson proof]prevent memory allocation failures due to heap
** fragmentation in low-memory embedded systems.
** </dd>
**
** [[SQLITE_CONFIG_PAGECACHE]] <dt>SQLITE_CONFIG_PAGECACHE</dt>
** <dd> ^The SQLITE_CONFIG_PAGECACHE option specifies a static memory buffer
** that SQLite can use for the database page cache with the default page
** cache implementation.
** This configuration should not be used if an application-define page
** cache implementation is loaded using the [SQLITE_CONFIG_PCACHE2]
** configuration option.
** ^There are three arguments to SQLITE_CONFIG_PAGECACHE: A pointer to
** 8-byte aligned
** memory, the size of each page buffer (sz), and the number of pages (N).
** The sz argument should be the size of the largest database page
** (a power of two between 512 and 65536) plus some extra bytes for each
** page header. ^The number of extra bytes needed by the page header
** can be determined using the [SQLITE_CONFIG_PCACHE_HDRSZ] option
** to [sqlite3_config()].
** ^It is harmless, apart from the wasted memory,
** for the sz parameter to be larger than necessary. The first
** argument should pointer to an 8-byte aligned block of memory that
** is at least sz*N bytes of memory, otherwise subsequent behavior is
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** ^SQLite will use the memory provided by the first argument to satisfy its memory needs for the first N pages that it adds to cache. ^If additional page cache memory is needed beyond what is provided by this option, then SQLite goes to [sqlite3_malloc()] for the additional storage space.</dd>

** **[[SQLite_CONFIG_HEAP]] <dt>SQLite_CONFIG_HEAP</dt>
** <dd> ^The SQLite_CONFIG_HEAP option specifies a static memory buffer that SQLite will use for all of its dynamic memory allocation needs beyond those provided for by [SQLite_CONFIG_SCRATCH] and [SQLite_CONFIG_PAGECACHE]. ^The SQLite_CONFIG_HEAP option is only available if SQLite is compiled with either [SQLite_ENABLE_MEMSYS3] or [SQLite_ENABLE_MEMSYS5] and returns [SQLite_ERROR] if invoked otherwise.
** ^There are three arguments to SQLite_CONFIG_HEAP:
** An 8-byte aligned pointer to the memory,
** the number of bytes in the memory buffer, and the minimum allocation size.
** If the first pointer (the memory pointer) is NULL, then SQLite reverts to using its default memory allocator (the system malloc() implementation), undoing any prior invocation of [SQLite_CONFIG_MALLOC]. ^If the memory pointer is not NULL then the alternative memory allocator is engaged to handle all of SQLite’s memory allocation needs.
** The first pointer (the memory pointer) must be aligned to an 8-byte boundary or subsequent behavior of SQLite will be undefined.
** The minimum allocation size is capped at 2**12. Reasonable values for the minimum allocation size are 2**5 through 2**8.</dd>

** **[[SQLite_CONFIG_MUTEX]] <dt>SQLite_CONFIG_MUTEX</dt>
** <dd> ^(The SQLite_CONFIG_MUTEX option takes a single argument which is a pointer to an instance of the [sqlite3_mutex_methods] structure. The argument specifies alternative low-level mutex routines to be used in place the mutex routines built into SQLite.) ^SQLite makes a copy of the content of the [sqlite3_mutex_methods] structure before the call to [sqlite3_config()] returns. ^If SQLite is compiled with [SQLite_THREADSAFE | SQLite_THREADSAFE=0] compile-time option then the entire mutexing subsystem is omitted from the build and hence calls to [sqlite3_config()] with the SQLite_CONFIG_MUTEX configuration option will return [SQLite_ERROR].</dd>

** **[[SQLite_CONFIG_GETMUTEX]] <dt>SQLite_CONFIG_GETMUTEX</dt>
** <dd> ^(The SQLite_CONFIG_GETMUTEX option takes a single argument which is a pointer to an instance of the [sqlite3_mutex_methods] structure. The [sqlite3_mutex_methods] structure is filled with the currently defined mutex routines.) ^This option can be used to overload the default mutex allocation routines with a wrapper used to track mutex usage for performance profiling or testing, for example. ^If SQLite is compiled with the [SQLite_THREADSAFE | SQLite_THREADSAFE=0] compile-time option then
** the entire mutexing subsystem is omitted from the build and hence calls to
** [sqlite3_config()] with the SQLITE_CONFIG_GETMUTEX configuration option will
** return [SQLITE_ERROR].</dd>
**
** [[SQLITE_CONFIG_LOOKASIDE]] <dt>SQLITE_CONFIG_LOOKASIDE</dt>
** <dd> ^(The SQLITE_CONFIG_LOOKASIDE option takes two arguments that determine
** the default size of lookaside memory on each [database connection].
** The first argument is the
** size of each lookaside buffer slot and the second is the number of
** slots allocated to each database connection.)^  ^(SQLITE_CONFIG_LOOKASIDE
** sets the <i>default</i> lookaside size. The [SQLITE_DBCONFIG_LOOKASIDE]
** option to [sqlite3_db_config()] can be used to change the lookaside
** configuration on individual connections.)^  </dd>
**
** [[SQLITE_CONFIG_PCACHE2]] <dt>SQLITE_CONFIG_PCACHE2</dt>
** <dd> ^(The SQLITE_CONFIG_PCACHE2 option takes a single argument which is
** a pointer to an [sqlite3_pcache_methods2] object. This object specifies
** the interface to a custom page cache implementation.)^  
** ^SQLite makes a copy of the [sqlite3_pcache_methods2] object.</dd>
**
** [[SQLITE_CONFIG_GETPCACHE2]] <dt>SQLITE_CONFIG_GETPCACHE2</dt>
** <dd> ^(The SQLITE_CONFIG_GETPCACHE2 option takes a single argument which
** is a pointer to an [sqlite3_pcache_methods2] object. SQLite copies of
** the current page cache implementation into that object.)^  </dd>
**
** [[SQLITE_CONFIG_LOG]] <dt>SQLITE_CONFIG_LOG</dt>
** <dd> The SQLITE_CONFIG_LOG option is used to configure the SQLite
** global [error log].
** ^(The SQLITE_CONFIG_LOG option takes two arguments: a pointer to a
** function with a call signature of void(*)(void*,int,const char*),
** and a pointer to void. ^If the function pointer is not NULL, it is
** invoked by [sqlite3_log()]) to process each logging event. ^If the
** function pointer is NULL, the [sqlite3_log()] interface becomes a no-op.
** ^(The void pointer that is the second argument to SQLITE_CONFIG_LOG is
** passed through as the first parameter to the application-defined logger
** whenever that function is invoked. ^The second parameter to
** the logger function is a copy of the first parameter to the corresponding
** [sqlite3_log()] call and is intended to be a [result code] or an
** [extended result code]. ^The third parameter passed to the logger is
** log message after formatting via [sqlite3_snprintf()].
** The SQLite logging interface is not reentrant; the logger function
** supplied by the application must not invoke any SQLite interface.
** In a multi-threaded application, the application-defined logger
** function must be threadsafe. </dd>
**
** [[SQLITE_CONFIG_URI]] <dt>SQLITE_CONFIG_URI</dt>
** <dd> ^(The SQLITE_CONFIG_URI option takes a single argument of type int.  
** If non-zero, then URI handling is globally enabled. If the parameter is zero,
then URI handling is globally disabled.)^ If URI handling is globally enabled, all filenames passed to [sqlite3_open()], [sqlite3_open_v2()], [sqlite3_open16()] or specified as part of [ATTACH] commands are interpreted as URIs, regardless of whether or not the [SQLITE_OPEN_URI] flag is set when the database connection is opened. If it is globally disabled, filenames are only interpreted as URIs if the SQLITE_OPEN_URI flag is set when the database connection is opened. (By default, URI handling is globally disabled. The default value may be changed by compiling with the [SQLITE_USE_URI] symbol defined.)^  

```
**[[SQLITE_CONFIG_COVERING_INDEX_SCAN]]**<dt>SQLITE_CONFIG_COVERING_INDEX_SCAN
**<dd>^The SQLITE_CONFIG_COVERING_INDEX_SCAN option takes a single integer argument which is interpreted as a boolean in order to enable or disable the use of covering indices for full table scans in the query optimizer.
**^The default setting is determined by the [SQLITE_ALLOW_COVERING_INDEX_SCAN] compile-time option, or is "on" if that compile-time option is omitted.
**The ability to disable the use of covering indices for full table scans is because some incorrectly coded legacy applications might malfunction when the optimization is enabled. Providing the ability to disable the optimization allows the older, buggy application code to work without change even with newer versions of SQLite.
**
**[[SQLITE_CONFIG_PCACHE]] [[SQLITE_CONFIG_GETPCACHE]]
**<dt>SQLITE_CONFIG_PCACHE and SQLITE_CONFIG_GETPCACHE
**<dd>These options are obsolete and should not be used by new code. They are retained for backwards compatibility but are now no-ops.
**</dd>
**
**[[SQLITE_CONFIG_SQLLOG]]
**<dt>SQLITE_CONFIG_SQLLOG
**<dd>This option is only available if sqlite is compiled with the [SQLITE_ENABLE_SQLLOG] pre-processor macro defined. The first argument should be a pointer to a function of type void(*)(void*,sqlite3*,const char*, int). The second should be of type (void*). The callback is invoked by the library in three separate circumstances, identified by the value passed as the fourth parameter. If the fourth parameter is 0, then the database connection passed as the second argument has just been opened. The third argument points to a buffer containing the name of the main database file. If the fourth parameter is 1, then the SQL statement that the third parameter points to has just been executed. Or, if the fourth parameter is 2, then the connection being passed as the second parameter is being closed. The third parameter is passed NULL In this case. An example of using this configuration option can be seen in the "test_sqllog.c" source file in the canonical SQLite source tree.</dd>
**
**[[SQLITE_CONFIG_MMAP_SIZE]]
```
**<dt>SQLITE_CONFIG_MMAP_SIZE**
**<dd>** `SQLITE_CONFIG_MMAP_SIZE` takes two 64-bit integer (sqlite3_int64) values that are the default mmap size limit (the default setting for [PRAGMA mmap_size]) and the maximum allowed mmap size limit. The default setting can be overridden by each database connection using either the [PRAGMA mmap_size] command, or by using the [SQLITE_FCNTL_MMAP_SIZE] file control. The maximum allowed mmap size will be silently truncated if necessary so that it does not exceed the compile-time maximum mmap size set by the [SQLITE_MAX_MMAP_SIZE] compile-time option. If either argument to this option is negative, then that argument is changed to its compile-time default.

**<dt>SQLITE_CONFIG_WIN32_HEAPSIZE**
**<dd>** The SQLITE_CONFIG_WIN32_HEAPSIZE option is only available if SQLite is compiled for Windows with the [SQLITE_WIN32_MALLOC] pre-processor macro defined. SQLITE_CONFIG_WIN32_HEAPSIZE takes a 32-bit unsigned integer value that specifies the maximum size of the created heap.

**<dt>SQLITE_CONFIG_PCACHE_HDRSZ**
**<dd>** The SQLITE_CONFIG_PCACHE_HDRSZ option takes a single parameter which is a pointer to an integer and writes into that integer the number of extra bytes per page required for each page in [SQLITE_CONFIG_PAGECACHE]. The amount of extra space required can change depending on the compiler, target platform, and SQLite version.

**<dt>SQLITE_CONFIG_PMASZ**
**<dd>** The SQLITE_CONFIG_PMASZ option takes a single parameter which is an unsigned integer and sets the "Minimum PMA Size" for the multithreaded sorter to that integer. The default minimum PMA Size is set by the [SQLITE_SORTER_PMASZ] compile-time option. New threads are launched to help with sort operations when multithreaded sorting is enabled (using the [PRAGMA threads] command) and the amount of content to be sorted exceeds the page size times the minimum of the [PRAGMA cache_size] setting and this value.

*/

Found in path(s):
*/opt/cola/permits/103215794_1646171445.15/0/sqlite-amalgamation-201507162017-zip/sqlite3.h

1.2493 spring-boot-starter-actuator
2.2.11.RELEASE
1.2493.1 Available under license:
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<name>Apache License, Version 2.0</name>

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1.2494 telnet 0.17-66.el7
1.2494.1 Available under license:
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1.2495 visual-studio-runtime 12.00.21005.1
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The original unzip source code has been extensively modified and almost entirely rewritten (changes include random zipfile access rather than sequential; replacement of unimplode() with explode(); replacement of old unshrink() with new (unrelated) unshrink(); replacement of output routines; addition of inflate(), wildcards, filename-mapping, text translation, ..., etc.). As far as we can tell, only the core code of the unreduce method remained substantially
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71150.2731@compuserve.com]:

"He says that he thought that whoever contacted him understood that
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His primary concern is that it remain freely distributable, he said."

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The decompression core code for the deflate method (inflate.[ch], explode.c) was originally written by Mark Adler who submitted it as public domain code.

1.2505 jboss-ejb-api-3-2-spec 1.0.1.Final

1.2506 hawtbuf 1.11

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* /opt/cola/permits/1000773954_1646171575.37/0/hawtbuf-1-11-sources-jar/org/fusesource/hawtbuf/LongCodec.java
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* /opt/cola/permits/1000773954_1646171575.37/0/hawtbuf-1-11-sources-jar/org/fusesource/hawtbuf/VarSignedLongCodec.java
* /opt/cola/permits/1000773954_1646171575.37/0/hawtbuf-1-11-sources-jar/org/fusesource/hawtbuf/DataByteArrayOutputStream.java
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* /opt/cola/permits/1000773954_1646171575.37/0/hawtbuf-1-11-sources-jar/org/fusesource/hawtbuf/AsciiBufferCodec.java
1.2507 hibernate-validator 6.0.13.Final

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1.2508 transport 6.4.3

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1.2509 jersey-entity-filtering 2.27

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1.2510 libxml 2.9.10-3.el7_7.0atomix1

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1.2512 gvfs 1.36.2-5.el7_9

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".
A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.
Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

   a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

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The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

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b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

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* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/Remapper.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/Remapper.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/Remapper.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/RemappingFieldAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/RemappingSignatureAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/Remapper.java
jar/org/objectweb/asm/optimizer/ClassOptimizer.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/commons/TryCatchBlockSorter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/ClassReader.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asmp/asm/optimizer/Constant.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/MethodInsnNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/commons/RemappingMethodAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/InsnNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/util/CheckFieldAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/util/ASMifier.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/util/Printer.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/FieldNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/util/CheckAnnotationAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/signature/SignatureWriter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/Frame.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/Label.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/commons/LocalVariablesSorter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/util/TraceClassVisitor.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/analysis/LookupSwitchInsnNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/ByteVector.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/optimizer/NameMapping.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-
jar/org/objectweb/asm/tree/analysis/BasicVerifier.java
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* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/Handler.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/tree/AnnotationNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/optimizer/ConstantPool.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/tree/analysis/Interpreter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/SerialVersionUIDAdder.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/tree/LocalVariableNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/Attribute.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/tree/LdcInsnNode.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/FieldWriter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/util/TraceFieldVisitor.java
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/**
 * Creates a new AnalyzerAdapter. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * AnalyzerAdapter(int, String, int, String, String, MethodVisitor)
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see Opcodes).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see Type).
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 */

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/**
 * Creates a new JSRInliner. <i>Subclasses must not use this</i> constructor
 * instead, they must use the
 * { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>null</code> for none).
 * @param access
 * the method's access flags (see { @link Opcodes}). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 * @param name
 * the method's name.
* @param desc
*   the method's descriptor (see [link Type]).
* @param signature
*   the method’s signature. May be <tt>null</tt>.
* @param exceptions
*   the internal names of the method's exception classes (see
*   [link Type#getInternalName() getInternalName()]). May be
*   <tt>null</tt>.
* /

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* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
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* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/xml/SAXClassAdapter.java
* /opt/cola/permits/1135985768_1613646771.95/0/asm-4-1-sources-1-jar/org/objectweb/asm/xml/ASMContentHandler.java

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*/
/**
 * Creates a new [GeneratorAdapter]. <i>Subclasses must not use this constructor</i>. Instead, they must use the
 * [GeneratorAdapter(int, MethodVisitor, int, String, String)]
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see [Opcodes]).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see [Type]).
 */

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/**
 * Constructs a new [@link Textifier]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [@link #Textifier(int)]
 * version.
 */

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/**
* XSLT-driven View that allows for response context to be rendered as the
* result of an XSLT transformation.
* *
* <p>The XSLT Source object is supplied as a parameter in the model and then
* { @link #locateSource detected} during response rendering. Users can either specify
* a specific entry in the model via the { @link #setSourceKey sourceKey} property or
* have Spring locate the Source object. This class also provides basic conversion
* of objects into Source implementations. See { @link #getSourceTypes() here}
* for more details.
*
* <p>All model parameters are passed to the XSLT Transformer as parameters.
* In addition the user can configure { @link #setOutputProperties output properties}
* to be passed to the Transformer.
*
* @author Rob Harrop
* @author Juergen Hoeller
* @since 2.0
*/

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* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
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jar/org/springframework/web/servlet/theme/AbstractThemeResolver.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
jar/org/springframework/web/servlet/view/AbstractTemplateViewResolver.java
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* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/tags/form/RadioButtonTag.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/handler/SimpleServletHandlerAdapter.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/handler/AbstractHtmlElementTag.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/handler/AbstractHandlerMapping.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/handler/AbstractServletContextHandler.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/mvc/ParameterizableViewController.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/mvc/multiaction/PropertiesMethodNameResolver.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/mvc/resolve/AbstractDefaultViewController.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/mvc/resolve/AbstractDefaultRedirectContext.java

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  jar/org/springframework/web/servlet/mvc/condition/ProducesRequestCondition.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/view/xml/MarshallingView.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestMethodArgumentResolver.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/mvc/ServletForwardingController.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerMapping.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/view/AbstractView.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/mvc/condition/PatternsRequestCondition.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/config/AnnotationDrivenBeanDefinitionParser.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurationSupport.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingInfo.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/mvc/condition/RequestConditionHolder.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurer.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/mvc/condition/RequestCondition.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/FlashMap.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/ServletWrappingController.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/handler/AbstractHandlerMethodMapping.java
  */opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/servlet/mvc/condition/CompositeRequestCondition.java

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  jar/org/springframework/web/mvc/annotation/ServletRequestDataBinderFactory.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
  jar/org/springframework/web/mvc/condition/AbstractRequestCondition.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-
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* A contract for inspecting and potentially modifying request data values such
* as URL query parameters or form field values before they are rendered by a
* view or before a redirect.
* *
* <p>Implementations may use this contract for example as part of a solution
* to provide data integrity, confidentiality, protection against cross-site
* request forgery (CSRF), and others or for other tasks such as automatically
* adding a hidden field to all forms and URLs.
* *
* <p>View technologies that support this contract can obtain an instance to
* delegate to via {@link RequestContext#getRequestDataValueProcessor()}. 
* *
* @author Rossen Stoyanchev
* @since 3.1
*/
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* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/support/RequestDataValueProcessor.java

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* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/view/velocity/VelocityToolboxView.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/handler/DispatcherServletWebRequest.java

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* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/view/tiles2/SpringLocaleResolver.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/view/tiles2/TilesViewResolver.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerViewResolver.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/view/feed/AbstractRssFeedView.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/mvc/annotation/ModelAndViewResolver.java
* /opt/cola/permits/1148132020_1646350107.18/0/spring-webmvc-4-0-2-release-sources-3-jar/org/springframework/web/servlet/support/RequestContext.java

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1.2517 perks 1.0.0

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1.2518 python-backports-ssl-match-hostname 3.5.0.1-1.ph3

1.2519 javax-inject 2.4.0-b34
### Makefile

#### BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)

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#### Commands to generate dependency files

```
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)
```

#### Flags for position independent code

```
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC
```

#### Additional flags when building libraries and with threads

```
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =
```

#### Compiler switch to embed a runtime search path

```
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,
```

#### Compiler switch to embed a library name

```
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))
```

#### Shared library options

```
LD_SOOPTIONS= -Wl,-Bs symbolic
```

#### Shared object suffix

```
SO = so
```

#### Non-shared intermediate object suffix

```
STATIC_O = ao
```

#### Compilation rules

```
%.$(STATIC_O): $(sccd)/%.c
$(COMPILc) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(sccd)/%.c
$(COMPILE.c) $(DINAMICCPPFLAGS) $(DINAMICCFLAGS) -o $@ $<
```

```
%.$(STATIC_O): $(sccd)/%.cpp
$(COMPILc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(sccd)/%.cpp
```

---

**Open Source Used In Data Center Network Manager 11.11.5(4) 24551**
## Dependency rules
%:.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed \"s/$(\%\$\n)\.o\[ :\]*/\1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@' \\
%:.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed \"s/$(\%\$\n)\.o\[ :\]*/\1.o $@ : /g\" > $@; \
[ -s $@ ] || rm -f $@' \\
## Versioned libraries rules
%.%.$(SO).%.$(SO_TARGET_VERSION_MAJOR): %.%.$(SO).%.$(SO_TARGET_VERSION)
$RM) $@ && ln -s ${<F} $@
%.%.$(SO): %.%.$(SO).%.$(SO_TARGET_VERSION_MAJOR)
$RM) $@ && ln -s ${*F}.%.$(SO).%.$(SO_TARGET_VERSION) $@
## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -WL,-Bsymbotic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

---

1.2521 infinispan-commons 9.3.1.Final

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1.2523 zookeeper 3.4.12
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1.2524 resteasy-jax-rs 3.0.14.Final
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* /opt/cola/permits/1110677251_1606843436.23/0/resteasy-jaxrs-3-0-14-final-sources-1-jar/org/jboss/resteasy/test/TestPortProvider.java

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/**
 * Encodes and decodes to and from Base64 notation.
 * Example:
 * <p>
 * String encoded = Base64.encode( myByteArray );
 * byte[] myByteArray = Base64.decode( encoded );
 * </p>
 * <p>The <tt>options</tt> parameter, which appears in a few places, is used to pass
 * several pieces of information to the encoder. In the "higher level" methods such as
 * encodeBytes( bytes, options ) the options parameter can be used to indicate such
 * things as first gzipping the bytes before encoding them, not inserting linefeeds,
 * and encoding using the URL-safe and Ordered dialects.</p>
 * <p>Note, according to <a href="http://www.faqs.org/rfcs/rfc3548.html">RFC3548</a>,
 * Section 2.1, implementations should not add line feeds unless explicitly told
 * to do so. I've got Base64 set to this behavior now, although earlier versions
 * broke lines by default.</p>
 * <p>The constants defined in Base64 can be OR-ed together to combine options, so you
 * might make a call like this:</p>
 * <code>
 * String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DO_BREAK_LINES );
 * </code>
 * <p>to compress the data before encoding it and then making the output have newline characters.</p>
 * <p>Also...</p>
 * <code>
 * String encoded = Base64.encodeBytes( crazyString.getBytes() );
 * </code>
 * </p>
 * Change Log:
 * </p>
 * <ul>
 * <li>v2.3.7 - Fixed subtle bug when base 64 input stream contained the
 * value 01111111, which is an invalid base 64 character but should not
 * throw an ArrayIndexOutOfBoundsException either. Led to discovery of
 * mishandling (or potential for better handling) of other bad input
 * characters. You should now get an IOException if you try decoding
 * something that has bad characters in it.</li>
 * <li>v2.3.6 - Fixed bug when breaking lines and the final byte of the encoded
 * string ended in the last column; the buffer was not properly shrunk and
 * contained an extra (null) byte that made it into the string.</li>
 * <li>v2.3.5 - Fixed bug in {link #encodeFromFile} where estimated buffer size
 * was wrong for files of size 31, 34, and 37 bytes.</li>
 * <li>v2.3.4 - Fixed bug when working with gzipped streams whereby flushing
 * the Base64.OutputStream closed the Base64 encoding (by padding with equals
 * </ul>
* signs) too soon. Also added an option to suppress the automatic decoding
* of gzipped streams. Also added experimental support for specifying a
* class loader when using the
* \{@link decodeToObject(java.lang.String, int, java.lang.ClassLoader)}
* method.\</li>
* \<li>v2.3.3 - Changed default char encoding to US-ASCII which reduces the internal Java
* footprint with its CharEncoders and so forth. Fixed some javadocs that were
* inconsistent. Imported removes and specified things like java.io.IOException
* explicitly inline.\</li>
* \<li>v2.3.2 - Reduced memory footprint! Finally refined the "guessing" of how big the
* final encoded data will be so that the code doesn't have to create two output
* arrays: an oversized initial one and then a final, exact-sized one. Big win
* when using the \{@link #encodeBytesToBytes(byte[])\} family of methods (and not
* using the gzip options which uses a different mechanism with streams and stuff).\</li>
* \<li>v2.3.1 - Added \{@link #encodeBytesToBytes(byte[], int, int, int)\} and some
* similar helper methods to be more efficient with memory by not returning a
* String but just a byte array.\</li>
* \<li>v2.3 - This is not a drop-in replacement! This is two years of comments
* and bug fixes queued up and finally executed. Thanks to everyone who sent
* me stuff, and I'm sorry I wasn't able to distribute your fixes to everyone else.
* Much bad coding was cleaned up including throwing exceptions where necessary
* instead of returning null values or something similar. Here are some changes
* that may affect you:
* \</ul>
* \<ul>
* \<li>Does not break lines, by default. This is to keep in compliance with
* and bug fixes queued up and finally executed. Thanks to everyone who sent
* me stuff, and I'm sorry I wasn't able to distribute your fixes to everyone else.
* Much bad coding was cleaned up including throwing exceptions where necessary
* instead of returning null values or something similar. Here are some changes
* that may affect you:
* \</ul>
* \<ul>
* \<li>Does not break lines, by default. This is to keep in compliance with
* \a href="http://www.faqs.org/rfcs/rfc3548.html">RFC3548</a>.\</li>
* \<li>Throws exceptions instead of returning null values.\</li>
* (especially those that may permit the GZIP option) use IO streams, there
* is a possibility of an java.io.IOException being thrown. After some discussion and
* thought, I've changed the behavior of the methods to throw java.io.IOExceptions
* rather than return null if ever there's an error. I think this is more
* appropriate, though it will require some changes to your code. Sorry,
* it should have been done this way to begin with.\</li>
* \<li>Removed all references to System.out, System.err, and the like.\</li>
* Shame on me. All I can say is sorry they were ever there.\</li>
* \<li>Throws NullPointerExceptions and IllegalArgumentExceptions as needed
* such as when passed arrays are null or offsets are invalid.\</li>
* \<li>Cleaned up as much javadoc as I could to avoid any javadoc warnings.
* This was especially annoying before for people who were thorough in their
* own projects and then had gobs of javadoc warnings on this file.\</li>
* \</ul>
* \<ul>
* \<li>Fixed bug using URL_SAFE and ORDERED encodings. Fixed bug
* when using very small files (\<&lt; 40 bytes).\</li>
* \<li>Added some helper methods for encoding/decoding directly from
* one file to the next. Also added a main() method to support command line
* encoding/decoding from one file to the next. Also added these Base64 dialects:
* \</ol>
* \<ol>
* \<li>The default is RFC3548 format.\</li>
Calling Base64.setFormat(Base64.BASE64_FORMAT.URLSAFE_FORMAT) generates URL and file name friendly format as described in Section 4 of RFC3548.

http://www.faqs.org/rfcs/rfc3548.html

Calling Base64.setFormat(Base64.BASE64_FORMAT.ORDERED_FORMAT) generates URL and file name friendly format that preserves lexical ordering as described in http://www.faqs.org/qa/rfc-1940.html

Special thanks to Jim Kellerman at http://www.powerset.com/ for contributing the new Base64 dialects.

v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading and writing to and from files.

v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).

v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.

v2.0 - I got rid of methods that used booleans to set options.

v1.5.1 - Fixed bug when decompressing and decoding to a byte[].

v1.5 - Output stream passes on flush() command but doesn't do anything itself.

This helps when using GZIP streams.

v1.4 - Added helper methods to read/write files.

v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.

v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.

v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.

v1.3.3 - Fixed I/O streams which were totally messed up.

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Please visit http://iharder.net/base64 periodically to check for updates or to contribute improvements.

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@author Robert Harder
```
* @author rob@iharder.net
* @version 2.3.7
*/

Found in path(s):
* /opt/cola/permits/1110677251_1606843436.23/0/resteasy-jaxrs-3-0-14-final-sources-1-
  jar/org/jboss/resteasy/util/Base64.java
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/**
* Any exception thrown by a MessageBodyWriter chain that is not an instance of a WriterException is caught
* internally
* by the Resteasy runtime and wrapped with an instance of WriterException.
*
* If you want to have special exception handling for exceptions thrown by MessageBodyWriters and their
* interceptors, then write an exception
* mapper for WriterException.
*
* Also, you may extend this class and throw instances of it from your MessageBodyWriters (and interceptors)
*
* @author <a href="mailto:bill@burkecentral.com">Bill Burke</a>
* @version $Revision: 1 $
*/

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* /opt/cola/permits/1110677251_1606843436.23/0/resteasy-jaxrs-3-0-14-final-sources-1-
  jar/org/jboss/resteasy/spi/WriterException.java
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/**
* Any exception thrown by a MessageBodyReader chain that is not an instance of a ReaderException is caught
* internally
* by the Resteasy runtime and wrapped with an instance of ReaderException.
*
* If you want to have special exception handling for exceptions thrown by MessageBodyReaders, then write an
* exception
* mapper for ReaderException.
*
* Also, you may extend this class and throw instances of it from your MessageBodyReaders (and interceptors)
*
* @author <a href="mailto:bill@burkecentral.com">Bill Burke</a>
* @version $Revision: 1 $
*/

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* /opt/cola/permits/1110677251_1606843436.23/0/resteasy-jaxrs-3-0-14-final-sources-1-
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```
1.2525 caffeine 2.6.2

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  jar/com/github/benmanes/caffeine/cache/stats/StatsCounter.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
  jar/com/github/benmanes/caffeine/cache/Cache.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
  jar/com/github/benmanes/caffeine/cache/stats/ConcurrentStatsCounter.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
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* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
  jar/com/github/benmanes/caffeine/cache/Ticker.java
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* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
  jar/com/github/benmanes/caffeine/cache/UnboundedLocalCache.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
  jar/com/github/benmanes/caffeine/cache/LinkedDeque.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
  jar/com/github/benmanes/caffeine/cache/Caffeine.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
  jar/com/github/benmanes/caffeine/cache/stats/DisabledStatsCounter.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
  jar/com/github/benmanes/caffeine/cache/RemovalListener.java
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* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-jar/com/github/benmanes/caffeine/cache/CaffeineSpec.java
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* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-jar/com/github/benmanes/caffeine/cache/WSWR.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-jar/com/github/benmanes/caffeine/cache/WISMWA.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-jar/com/github/benmanes/caffeine/cache/SSLWR.java
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* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-jar/com/github/benmanes/caffeine/cache/WSMS.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-jar/com/github/benmanes/caffeine/cache/SSLMWA.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-jar/com/github/benmanes/caffeine/cache/PDWMW.java
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* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-jar/com/github/benmanes/caffeine/cache/SIMWR.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-jar/com/github/benmanes/caffeine/cache/WILMSAR.java
jar/com/github/benmanes/caffeine/cache/SILSAWR.java
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* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
jar/com/github/benmanes/caffeine/cache/SSA.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
jar/com/github/benmanes/caffeine/cache/PWAWR.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
jar/com/github/benmanes/caffeine/cache/WSSW.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
jar/com/github/benmanes/caffeine/cache/SISMSAWR.java
* /opt/cola/permits/1000542072_1646171481.02/0/caffeine-2-6-2-sources-
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1.2526 httpcomponents-client 4.5.2

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- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
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*/
* /opt/cola/permits/1110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1-
jar/io/netty/handler/codec/Headers.java
*/
* /opt/cola/permits/1110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1-
jar/io/netty/handler/codec/EmptyHeaders.java
*/
* /opt/cola/permits/1110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1-
jar/io/netty/handler/codec/DefaultHeaders.java
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jar/io/netty/handler/codec/compression/Lz4XXHash32.java
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/*
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 */

/**
 * Enumeration of supported Base64 dialects.
 */

/*
 * The internal lookup tables in this class has been derived from
 * <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public
 * Domain Base64 Encoder/Decoder</a>.
 */

Found in path(s):
* /opt/cola/permits/1110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1-
  jar/io/netty/handler/codec/base64/Base64Dialect.java

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A decoder that splits the received ByteBufs dynamically by the
value of the length field in the message. It is particularly useful when you
decode a binary message which has an integer header field that represents the
length of the message body or the whole message.

LengthFieldBasedFrameDecoder has many configuration parameters so
that it can decode any message with a length field, which is often seen in
proprietary client-server protocols. Here are some example that will give
you the basic idea on which option does what.
* The value of the length field in this example is \texttt{12 (0x0C)} which
* represents the length of "HELLO, WORLD". By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field. Therefore, it can be decoded with the simplistic parameter
* combination.
* \begin{verbatim}
* \texttt{lengthFieldOffset} = \texttt{0}
* \texttt{lengthFieldLength} = \texttt{2}
* \texttt{lengthAdjustment} = 0
* \texttt{initialBytesToStrip} = 0 (= do not strip header)
* \end{verbatim}
* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)
* \begin{verbatim}
* | Length | Actual Content | Length | Actual Content |
* | 0x000C | "HELLO, WORLD" | 0x000C | "HELLO, WORLD" |
* \end{verbatim}
* \end{verbatim}
* \begin{verbatim}
* \texttt{initialBytesToStrip} = 2 (= the length of the Length field)
* \end{verbatim}
* BEFORE DECODE (14 bytes) AFTER DECODE (12 bytes)
* \begin{verbatim}
* | Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |
* \end{verbatim}
* \end{verbatim}
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples. However, in some protocols, the
* length field represents the length of the whole message, including the
* message header. In such a case, we specify a non-zero
Because the length value in this example message is always greater than the body length by 2, we specify -2 as compensation.

* BEFORE DECODE (14 bytes) AFTER DECODE (14 bytes)

<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>

BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)

<table>
<thead>
<tr>
<th>Header 1</th>
<th>Length</th>
<th>Actual Content</th>
<th>Header 1</th>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0xCAFE</td>
<td>0x00000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0xCAFE</td>
<td>0x00000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>

BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)

<table>
<thead>
<tr>
<th>Header 1</th>
<th>Length</th>
<th>Actual Content</th>
<th>Header 1</th>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0xCAFE</td>
<td>0x00000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0xCAFE</td>
<td>0x00000C</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>

This is an advanced example that shows the case where there is an extra header between the length field and the message body. You have to specify a positive lengthAdjustment to so that the decoder counts the extra header into the frame length calculation.

* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)

<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>

* BEFORE DECODE (17 bytes) AFTER DECODE (17 bytes)

<table>
<thead>
<tr>
<th>Length</th>
<th>Actual Content</th>
<th>Length</th>
<th>Actual Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
<td>0x000E</td>
<td>&quot;HELLO, WORLD&quot;</td>
</tr>
</tbody>
</table>
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C | 0xCAFE  | "HELLO, WORLD" |      | 0x00000C | 0xCAFE  | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>

* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field</h3>

* This is a combination of all the examples above. There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>. We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame. If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
* 
* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +------|--------+------+----------------+      +------|----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------|--------+------+----------------+
* </pre>

* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
* strip the first header field and the length field</h3>

* Let's give another twist to the previous example. The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   = 1
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b>3</b>
* 
* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +------|--------+------+----------------+      +------|----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* +------|--------+------+----------------+
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +-------------------------------+  +-------------------------------+
* </pre>
* @see LengthFieldPrepender
*/

Found in path(s):
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jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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/**
 * Utility class for {@link ByteBuf} that encodes and decodes to and from
 * <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
 * <p>
 * The encoding and decoding algorithm in this class has been derived from
 * <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
 * Base64 Encoder/Decoder</a>.
 */

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* /opt/cola/permits/1110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1.jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java

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* /opt/cola/permits/110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1.jar/io.netty.handler.codec/protobuf/ProtobufDecoder.java

* /opt/cola/permits/111067482_1606843873.61/0/netty-codec-4-1-39-final-sources-1.jar/..
jar/io/netty/handler/codecs/compression/FastLzFrameDecoder.java
* /opt/cola/permits/1110674842_1606843873.61/0/netty-codec-4-1-39-final-sources-1-jar/io/netty/handler/codecs/compression/Lz4Constants.java

1.2533 kubernetes-apimachinery 0.17.7
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```
Summary: The client for the Trivial File Transfer Protocol (TFTP).
Name: tftp
Version: @@VERSION@@
Release: 1
License: BSD
Group: Applications/Internet
Source0: http://www.kernel.org/pub/software/network/tftp/tftp-hpa-%{version}.tar.gz
BuildRequires: tcp_wrappers-devel
BuildRoot: %{_tmppath}/%{name}-root

description
The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp package provides the user...
interface for TFTP, which allows users to transfer files to and from a remote machine. This program and TFTP provide very little security, and should not be enabled unless it is expressly needed.

%package server
Group: System Environment/Daemons
Summary: The server for the Trivial File Transfer Protocol (TFTP).
Requires: xinetd

description server
The Trivial File Transfer Protocol (TFTP) is normally used only for booting diskless workstations. The tftp-server package provides the server for TFTP, which allows users to transfer files to and from a remote machine. TFTP provides very little security, and should not be enabled unless it is expressly needed. The TFTP server is run from /etc/xinetd.d/tftp, and is disabled by default on Red Hat Linux systems.

%prep
%setup -q -n tftp-hpa-%{version}

%build

%install
rm -rf ${RPM_BUILD_ROOT}
mkdir -p ${RPM_BUILD_ROOT}_%{_bindir}
mkdir -p ${RPM_BUILD_ROOT}_%{_mandir}/man{1,8}
mkdir -p ${RPM_BUILD_ROOT}_%{_sbindir}
make INSTALLROOT=${RPM_BUILD_ROOT} \
   SBINDIR=%{_sbindir} MANDIR=%{_mandir} \
   install
install -m755 -d ${RPM_BUILD_ROOT}_%{_sysconfdir}/xinetd.d/ $RPM_BUILD_ROOT)/tftpboot
install -m644 tftp-xinetd ${RPM_BUILD_ROOT}_%{_sysconfdir}/xinetd.d/tftp

%post server
/sbin/service xinetd reload > /dev/null 2>&1 || :

%postun server
if [ $1 = 0 ]; then
   /sbin/service xinetd reload > /dev/null 2>&1 || :
fi

%clean
rm -rf ${RPM_BUILD_ROOT}
%files
%defattr(-,root,root)
%{_bindir}/tftp
%{_mandir}/man1/*

%files server
%defattr(-,root,root)
%config(noreplace) %{_sysconfdir}/xinetd.d/tftp
%dir /tftpboot
%{_sbindir}/in.tftpd
%{_mandir}/man8/*

%changelog
* Tue Sep 14 2004 H. Peter Anvin <hpa@zytor.com>
  - removed completely broken "Malta" patch.
  - integrated into build machinery so rpm -ta works.

* Fri Feb 13 2004 Elliot Lee <sopwith@redhat.com>
  - rebuilt

* Wed Jun 04 2003 Elliot Lee <sopwith@redhat.com>
  - rebuilt

* Fri Apr 11 2003 Elliot Lee <sopwith@redhat.com>
  - 0.33
  - Add /tftpboot directory (#88204)

* Mon Feb 24 2003 Elliot Lee <sopwith@redhat.com>
  - rebuilt

* Sun Feb 23 2003 Tim Powers <timp@redhat.com>
  - add BuildPreReq on tcp_wrappers

* Wed Jan 22 2003 Tim Powers <timp@redhat.com>
  - rebuilt

* Mon Nov 11 2002 Elliot Lee <sopwith@redhat.com> 0.32-1
  - Update to 0.32

* Wed Oct 23 2002 Elliot Lee <sopwith@redhat.com> 0.30-1
  - Fix #55789
  - Update to 0.30

* Thu Jun 27 2002 Elliot Lee <sopwith@redhat.com>
  - Try applying HJ's patch from #65476

* Fri Jun 21 2002 Tim Powers <timp@redhat.com>
  - automated rebuild
* Mon Jun 17 2002 Elliot Lee <sopwith@redhat.com>
- Update to 0.29

* Thu May 23 2002 Tim Powers <timp@redhat.com>
- automated rebuild

* Wed Jan 09 2002 Tim Powers <timp@redhat.com>
- automated rebuild

* Tue Dec 18 2001 Elliot Lee <sopwith@redhat.com> 0.17-15
- Add patch4: netkit-tftp-0.17-defaultport.patch for bug #57562
- Update to tftp-hpa-0.28 (bug #56131)
- Remove include/arpa/tftp.h to fix #57259
- Add resource limits in tftp-xinetd (#56722)

* Sun Jun 24 2001 Elliot Lee <sopwith@redhat.com>
- Bump release + rebuild.

* Tue Jun 12 2001 Helge Deller <hdeller@redhat.de> (0.17-13)
- updated tftp-hpa source to tftp-hpa-0.17
- tweaked specfile with different defines for tftp-netkit and tftp-hpa version
- use hpa's tftpd.8 man page instead of the netkits one

* Mon May 07 2001 Helge Deller <hdeller@redhat.de>
- rebuilt in 7.1.x

* Wed Apr 18 2001 Helge Deller <hdeller@redhat.de>
- fix tftp client's put problems (#29529)
- update to tftp-hpa-0.16

* Wed Apr 4 2001 Jakub Jelinek <jakub@redhat.com>
- don't let configure to guess compiler, it can pick up egcs

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- changed "wait" in xinetd file to "yes" (hpa-tftpd forks and exits) (#26467)
- fixed hpa-tftpd to handle files greater than 32MB (#23725)
- added "-l" flag to hpa-tftpd for file-logging (#26467)
- added description for "-l" to the man-page

* Thu Feb 08 2001 Helge Deller <hdeller@redhat.de>
- updated tftp client to 0.17 stable (#19640),
- drop dependency on xinetd for tftp client (#25051),

* Wed Jan 17 2001 Jeff Johnson <jbj@redhat.com>
- xinetd shouldn't wait on tftp (which forks) (#23923).

* Sat Jan 6 2001 Jeff Johnson <jbj@redhat.com>
- fix to permit tftp put's (#18128).
- startup as root with chroot to /tftpboot with early reversion to nobody is preferable to starting as nobody w/o ability to chroot.
- %%post is needed by server, not client. Add %%postun for erasure as well.

* Wed Aug 23 2000 Nalin Dahyabhai <nalin@redhat.com>
  - default to being disabled

* Thu Aug 17 2000 Jeff Johnson <jbj@redhat.com>
  - correct group.

* Tue Jul 25 2000 Nalin Dahyabhai <nalin@redhat.com>
  - change user from root to nobody

* Sat Jul 22 2000 Jeff Johnson <jbj@redhat.com>
  - update to tftp-hpa-0.14 (#14003).
  - add server_args (#14003).
  - remove -D_BSD_SOURCE (#14003).

* Fri Jul 21 2000 Nalin Dahyabhai <nalin@redhat.com>
  - cook up an xinetd config file for tftpd

* Wed Jul 12 2000 Prospector <bugzilla@redhat.com>
  - automatic rebuild

* Sun Jun 18 2000 Jeff Johnson <jbj@redhat.com>
  - FHS packaging.
  - update to 0.17.

* Fri May  5 2000 Matt Wilson <msw@redhat.com>
  - use _BSD_SOURCE for hpa's tftpd so we get BSD signal semantics.

* Fri Feb 11 2000 Bill Nottingham <notting@redhat.com>
  - fix description

* Wed Feb  9 2000 Jeff Johnson <jbj@redhat.com>
  - compress man pages (again).

* Wed Feb 02 2000 Cristian Gafton <gafton@redhat.com>
  - man pages are compressed
  - fix description and summary

* Tue Jan  4 2000 Bill Nottingham <notting@redhat.com>
  - split client and server

* Tue Dec 21 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.16.
* Sat Aug 28 1999 Jeff Johnson <jbj@redhat.com>
  - update to 0.15.

* Wed Apr 7 1999 Jeff Johnson <jbj@redhat.com>
  - tftpd should truncate file when overwriting (#412)

* Sun Mar 21 1999 Cristian Gafton <gafton@redhat.com>
  - auto rebuild in the new build environment (release 22)

* Mon Mar 15 1999 Jeff Johnson <jbj@redhat.com>
  - compile for 6.0.

* Fri Aug 7 1998 Jeff Johnson <jbj@redhat.com>
  - build root

* Mon Apr 27 1998 Prospector System <bugs@redhat.com>
  - translations modified for de, fr, tr

* Mon Sep 22 1997 Erik Troan <ewt@redhat.com>
  - added check for getpwnam() failure

* Tue Jul 15 1997 Erik Troan <ewt@redhat.com>
  - initial build

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* /opt/cola/permits/1156126921_1629934918.37/0/tftp-hpa-b9708e22014e03c9fa35ff7ced20e46194c39dc6-tar-gz/tftpd/recvfrom.h
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gz/common/tftpsubs.h
* /opt/cola/permits/1156126921_1629934918.37/0/tftp-hpa-b9708e22014e03c9fa35ff7ced20e46194c39dc6-targ-
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  gz/common/tftpsubs.c
* /opt/cola/permits/1156126921_1629934918.37/0/tftp-hpa-b9708e22014e03c9fa35ff7ced20e46194c39dc6-targ-
  gz/tftp/main.c
* /opt/cola/permits/1156126921_1629934918.37/0/tftp-hpa-b9708e22014e03c9fa35ff7ced20e46194c39dc6-targ-
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1.2566 jackson-databind 2.10.5

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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END OF TERMS AND CONDITIONS

^L

How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
This package was debianized by Jean Pierre LeJacq <jplejacq@quoininc.com> on Wed, 25 Feb 1998. Martin Pitt <martin@piware.de> was the package's maintainer up to version 2.7.19-1. The current maintainer is Jan Dittberner <jandd@debian.org>.

It was downloaded from http://sourceforge.net/projects/cracklib

Copyright (c) 1993 Alec Muffett <alecm@crypto.dircon.co.uk>,
Copyright (c) 2005-2009 Nathan Neulinger <nneul@umr.edu>,
Copyright (c) 2008-2009 Jan Dittberner <jan@dittberner.info>

Modifications: Added cronjob, configuration file, and man pages.

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Copyright information:

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett. Cracklib's license was changed from the GPL to the LGPL after consensus of all previous developers in October 2008, effective with release 2.8.15 released on 2009-11-19. See the email discussion below for both license changes.

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EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected in released code until Nov 2009 - slow release cycle...)
----------

Discussion thread from mailing list archive, with approval from everyone actively involved or holding original licensing rights included.

[Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16
Attachments: Message as HTML

looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries unde r=20
GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
=2Dmike

Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
I understand that, and you're welcome to bring it up with Alec directly and see if he wants to relicense his code as LGPL..., but at this point, it was enough to just get it consistent and documented as to what it was
released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

-- Nathan

Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:15 PM
> To: cracklib-devel@li...
> Subject: [Cracklib-devel] cracklib license
>
> looks like 2.8.11 is out and marked as "GPL-2" ... releasing libraries under GPL-2 is not desirable at all ... this is why the LGPL-2.1 exists
> -mike

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:33

Attachments: Message as HTML
On Monday 01 October 2007, Neulinger, Nathan wrote:
> I understand that, and you're welcome to bring it up with Alec directly
> and see if he wants to relicense his code as LGPL... but at this point,
> it was enough to just get it consistent and documented as to what it was released under. This wasn't actually a license change, just a clarification of the licensing that was already in place.

the original license (before moving to sourceforge -- aka, 2.7) was not=20
GPL-2 ... it was a modified artistic license ... i didnt notice the license=20
change until it was mentioned in the latest notes.

unlike the old license, GPL-2 prevents people from using cracklib unless the=20
eir applications are also GPL-2 which imo is just wrong. it isnt the place of a=20
library to dictact to application writes what license they should be using.=20
thus LGPL-2.1 enters to fill this void.
=2Dmike
Re: [Cracklib-devel] cracklib license
From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:46
Seems like the ideal thing here would be for you and the other distro
maintainers to get together with Alec in a conversation and come to a
decision as to what licensing scheme y'all want. I haven't really done
much other than cleaning up the packaging and patches and a small bit of
additional code, so whatever licensing y'all come up with is fine by me.

-- Nathan
=20
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Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

> -----Original Message-----
> From: cracklib-devel-bounces@li...
> [mailto:cracklib-devel-bounces@li...] On Behalf Of
> Mike Frysinger
> Sent: Monday, October 01, 2007 8:33 PM
> To: Neulinger, Nathan
> Cc: cracklib-devel@li...; Alec Muffett
> Subject: Re: [Cracklib-devel] cracklib license
>
> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
> > directly
> > > and see if he wants to relicense his code as LGPL... but at this
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> > > place of a
> > > library to dictact to application writes what license they should
> > > be using.
thus LGPL-2.1 enters to fill this void.

> -mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL....

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.
I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be linked with any code, not just GPL...

My apologies for not chiming in in anything resembling a reasonable timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately, GPLv2 with the option of using the library under a later version of the GPL would permit applications which were released under version 3 of the GPL to use the library, too, which would be sufficient for the packages which are included in Fedora. FWIW, I'd personally lean toward LGPL.
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> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
>
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

yes. go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?
> >
> > yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

-----------

BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
-----------

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.
The below email references nneul@umr.edu address, as that is the address that was used at the time. For any future emails regarding this, please use nneul@neulinger.org.

-------------------------------------

From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft SMTPSVC(6.0.3790.3959); Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
  by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
  by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTP id l91Gxtpr020623
  for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
  by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTP id 2C7734D311
  for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (helo=[192.168.1.3])
  by rutherford.zen.co.uk with esmtp (Exim 4.50)
  id 1ICoX-0004Qt-6L
  for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd8071010010908k1l1dac0afplf2dd471059ff9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
  <EC90713277D2BE41B71100CD74E235CEF44F38@UMR-CMAIL1.umr.edu>
  <1b1b3fd80710010908k1l1dac0afplf2dd471059ff9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21
Any chance you could write me a self-contained email stating clearly
that the license is being changed to GPL, so I could include that
email
in the repository and clean up the repository/tarballs? I have all the
original discussion, but something succinct and self contained
would be
ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

---------
EFFECTIVE OCT 2008, LICENSE IS BEING CHANGED TO LGPL-2.1 (though not reflected
in released code until Nov 2009 - slow release cycle...)
---------

Discussion thread from mailing list archive, with approval from everyone actively
involved or holding original licensing rights included.

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From: Mike Frysinger <vapier@ge...> - 2007-10-02 01:16

Attachments: Message as HTML
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=2Dmike

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From: Neulinger, Nathan <nneul@um...> - 2007-10-02 01:18
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Nathan Neulinger EMail: nneul@um...
University of Missouri - Rolla Phone: (573) 341-6679
UMR Information Technology Fax: (573) 341-4216

----Original Message----
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[mailto:cracklib-devel-bounces@li...] On Behalf Of
Mike Frysinger
Sent: Monday, October 01, 2007 8:33 PM
To: Neulinger, Nathan
Cc: cracklib-devel@li...; Alec Muffett
Subject: Re: [Cracklib-devel] cracklib license

> On Monday 01 October 2007, Neulinger, Nathan wrote:
> > I understand that, and you're welcome to bring it up with Alec
directly
> > and see if he wants to relicense his code as LGPL... but at this
> > point,
> > > it was enough to just get it consistent and documented as to what
> > it was
> > > released under. This wasn't actually a license change, just a
> > > clarification of the licensing that was already in place.
> >=20
> > the original license (before moving to sourceforge -- aka, 2.7) was
> > not
> > GPL-2 ... it was a modified artistic license ... i didnt notice the
> > license
> > change until it was mentioned in the latest notes.
> >=20
> > unlike the old license, GPL-2 prevents people from using cracklib
> > unless their
> > applications are also GPL-2 which imo is just wrong. it isn't the
> > place of a
> > library to dictate to application writes what license they should
> > be using.
> > thus LGPL-2.1 enters to fill this void.
> > -mike
Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2007-10-02 08:57
> Seems like the ideal thing here would be for you and the other distro
> maintainers to get together with Alec in a conversation and come to a
> decision as to what licensing scheme y'all want. I haven't really done
> much other than cleaning up the packaging and patches and a small
> bit of
> additional code, so whatever licensing y'all come up with is fine
> by me.

I am sympathetic. Guys, what do you reckon?

What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL....

-a

Re: [Cracklib-devel] cracklib license
From: Devin Reade <gdr@gn...> - 2007-10-02 15:04
I would like to see it under LGPL as well. I think it is in everyone's
best interests to have as secure systems as possible, and I think tainting
it via GPL will just make it less likely that the library gets used, and
will not usually cause companies/developers to GPL the dependent code
(where it is not already GPL).

I like GPL, I use it when I can, but I don't think that it's the correct
license in this situation.

Devin
--
If it's sinful, it's more fun.

Re: [Cracklib-devel] cracklib license
From: Nalin Dahyabhai <nalin@re...> - 2008-01-28 16:32
On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
> > Seems like the ideal thing here would be for you and the other distro
> > maintainers to get together with Alec in a conversation and come to a
> > decision as to what licensing scheme y'all want. I haven't really done
> > much other than cleaning up the packaging and patches and a small
> > bit of
> > additional code, so whatever licensing y'all come up with is fine
> > by me.
> >
> > I am sympathetic. Guys, what do you reckon?
What I am hearing so far is that LGPL makes sense, since it can be
linked with any code, not just GPL....

My apologies for not chiming in in anything resembling a reasonable
timeframe.

I'd also suggest the LGPL, for the reason you noted above. Alternately,
GPLv2 with the option of using the library under a later version of the
GPL would permit applications which were released under version 3 of the
GPL to use the library, too, which would be sufficient for the packages
which are included in Fedora. FWIW, I'd personally lean toward LGPL.

In any case, I thank you both for working on sorting this out.

Cheers,

Nalin

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-05 21:27

Attachments: Message as HTML
On Monday 28 January 2008, Nalin Dahyabhai wrote:
> On Tue, Oct 02, 2007 at 09:57:31AM +0100, Alec Muffett wrote:
>   Seems like the ideal thing here would be for you and the other distro
>   maintainers to get together with Alec in a conversation and come to a
>   decision as to what licensing scheme y'all want. I haven't really done
>   much other than cleaning up the packaging and patches and a small
>   bit of
>   additional code, so whatever licensing y'all come up with is fine
>   by me.
> > I am sympathetic. Guys, what do you reckon?
> >
> > What I am hearing so far is that LGPL makes sense, since it can be
> > linked with any code, not just GPL....
> >
> > My apologies for not chiming in in anything resembling a reasonable
timeframe.
> >
> > I'd also suggest the LGPL, for the reason you noted above. Alternately,
> > GPLv2 with the option of using the library under a later version of the
> > GPL would permit applications which were released under version 3 of the
> > GPL to use the library, too, which would be sufficient for the packages
> > which are included in Fedora. FWIW, I'd personally lean toward LGPL.
> In any case, I thank you both for working on sorting this out.

looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

-mike

Re: [Cracklib-devel] cracklib license
From: Alec Muffett <alecm@cr...> - 2008-10-05 23:18
>> In any case, I thank you both for working on sorting this out.
> 
> looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?

yes, go for it. thanks++

-a

Re: [Cracklib-devel] cracklib license
From: Mike Frysinger <vapier@ge...> - 2008-10-25 22:34

Attachments: Message as HTML
On Sunday 05 October 2008, Alec Muffett wrote:
> >> In any case, I thank you both for working on sorting this out.
> >
> > looks like everyone is OK with LGPL-2.1 (GNU Lesser license), so can we make the change now?
> 
> yes. go for it. thanks++

Nathan Neulinger is the only one who can actually make said change ...

-mike

--------
BELOW IS ORIGINAL LICENSING DISCUSSION RE CHANGING TO GPL from Artistic.
--------

CrackLib was originally licensed with a variant of the Artistic license. In the interests of wider acceptance and more modern licensing, it was switched with the original author's blessing to GPL v2.

This approval was carried out in email discussions in 2005, and has been reconfirmed as of 2007-10-01 with the following email from Alec Muffett.

The below email references nneul@umr.edu address, as that is the address
that was used at the time. For any future emails regarding this, please
use nneul@neulinger.org.

From alecm@crypticide.com Mon Oct  1 12:26:03 2007
Received: from umr-exproto2.cc.umr.edu ([131.151.0.192]) by UMR-CMAIL1.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959);
 Mon, 1 Oct 2007 12:26:03 -0500
Received: from scansrv2.srv.mst.edu ([131.151.1.114]) by umr-exproto2.cc.umr.edu with Microsoft
SMTPSVC(6.0.3790.3959);
 Mon, 1 Oct 2007 12:26:02 -0500
Received: (qmail 8022 invoked from network); 1 Oct 2007 16:59:55 -0000
Received: from smtp1.srv.mst.edu (131.151.1.43)
 by scanin-ipvs.cc.umr.edu with SMTP; 1 Oct 2007 16:59:55 -0000
Received: from spunkymail-mx8.g.dreamhost.com (mx1.spunky.mail.dreamhost.com [208.97.132.47])
 by smtp1.srv.mst.edu (8.13.1/8.13.1) with ESMTPI id 191Gxptr020623
 for <nneul@umr.edu>; Mon, 1 Oct 2007 11:59:55 -0500
Received: from rutherford.zen.co.uk (rutherford.zen.co.uk [212.23.3.142])
 by spunkymail-mx8.g.dreamhost.com (Postfix) with ESMTPI id 2C7734D311
 for <nneul@neulinger.org>; Mon, 1 Oct 2007 09:59:50 -0700 (PDT)
Received: from [82.68.43.14] (hel=[192.168.1.3])
 by rutherford.zen.co.uk with esmtpl (Exim 4.50)
 id 11cOcX-0004Qt-6L
 for nneul@neulinger.org; Mon, 01 Oct 2007 16:59:49 +0000
Mime-Version: 1.0 (Apple Message framework v752.2)
In-Reply-To: <1b1b3fd80710010908k11dac0afp1f2dd471059f9a4@mail.gmail.com>
References: <1190922867.3457.147.camel@localhost.localdomain>
 <EC90713277D2BE41B7110CCD74E235CEF44F38@UMR-CMAIL1.umr.edu>
 <1b1b3fd80710010908k11dac0afp1f2dd471059f9a4@mail.gmail.com>
Content-Type: text/plain; charset=US-ASCII; delsp=yes; format=flowed
Message-Id: <117A1264-F6DC-4E25-B0DD-56FBFEBE6E9F@crypticide.com>
Content-Transfer-Encoding: 7bit
From: Alec Muffett <alecm@crypticide.com>
Subject: Re: cracklib license
Date: Mon, 1 Oct 2007 17:59:46 +0100
To: Nathan Neulinger <nneul@neulinger.org>
X-Mailer: Apple Mail (2.752.2)
X-Originating-Rutherford-IP: [82.68.43.14]
Return-Path: alecm@crypticide.com
X-OriginalArrivalTime: 01 Oct 2007 17:26:03.0008 (UTC) FILETIME=[2420C000:01C80450]
Status: RO
Content-Length: 585
Lines: 21

>
Any chance you could write me a self-contained email stating clearly that the license is being changed to GPL, so I could include that email in the repository and clean up the repository/tarballs? I have all the original discussion, but something succinct and self contained would be ideal.

The license for my code in the Cracklib distribution is henceforth GPL.

Happy now? :-)

-a

1.2576 elasticsearch 6.8.5

1.2576.1 Available under license :

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   trivial database library
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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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1.2583 wildfly-microprofile-opentracing-smallrye 14.0.1.Final

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1.2584 tabulate 0.8.9

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try:
    from setuptools import setup
except ImportError:
    from distutils.core import setup
import os.path

def getversion(fname):
    
    """Get the __version__ reading the file: works both in Python 2.X and 3.X,
    whereas direct importing would break in Python 3.X with a syntax error"
    for line in open(fname):
        if line.startswith('__version__= '):
            return eval(line[13:])
    raise NameError('Missing __version__ in decorator.py')

VERSION = getversion(
    os.path.join(os.path.dirname(__file__), '__file__'), 'src/decorator.py'))

if __name__ == '__main__':
    setup(name='decorator',
```
version=VERSION,
description='Better living through Python with decorators',
long_description=open('README.txt').read(),
author='Michele Simionato',
author_email='michele.simionato@gmail.com',
url='http://pypi.python.org/pypi/decorator',
license="BSD License",
package_dir = {'': 'src'},
py_modules = ['decorator'],
keywords="decorators generic utility",
platforms=['All'],
classifiers=['Development Status :: 5 - Production/Stable',
            'Intended Audience :: Developers',
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            'Operating System :: OS Independent',
            'Programming Language :: Python',
            'Programming Language :: Python :: 3',
            'Topic :: Software Development :: Libraries',
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use_2to3=True,
zip_safe=False)

Found in path(s):
* /opt/cola/permits/1154644470_1618870926.16/0/decorator-3-4-0-1-tar-gz/decorator-3.4.0/setup.py

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Decorator module
=================

:Author: Michele Simionato
:E-mail: michele.simionato@gmail.com
:Requires: Python 2.4+
:Download page: http://pypi.python.org/pypi/decorator
:Installation: `easy_install decorator`
:License: BSD license

Installation
------------

If you are lazy, just perform

$ easy_install decorator

which will install just the module on your system. Notice that Python 3 requires the easy_install version of the distribute_project.
If you prefer to install the full distribution from source, including the documentation, download the tarball, unpack it and run

$ python setup.py install

in the main directory, possibly as superuser.

.. _tarball: http://pypi.python.org/pypi/decorator
.. _distribute: http://packages.python.org/distribute/

Testing
--------

For Python 2.5, 2.6, 2.7 run

$ python documentation.py

for Python 3.X run

$ python documentation3.py

You will see a few innocuous errors with Python 2.5, because some inner details such as the introduction of the ArgSpec namedtuple and Thread.__repr__ changed. You may safely ignore them.

You cannot run the tests in Python 2.4, since there is a test using the with statement, but the decorator module is expected to work anyway (it has been used in production with Python 2.4 for years). My plan is to keep supporting all Python versions >= 2.4 in the core module, but I will keep the documentation and the tests updated only for the latest Python versions in both the 2.X and 3.X branches.

Finally, notice that you may run into trouble if in your system there is an older version of the decorator module; in such a case remove the old version.

Documentation
--------------

There are various versions of the documentation:

- `HTML version (Python 2)`_
- `PDF version (Python 2)`_

- `HTML version (Python 3)`_
- `PDF version (Python 3)`_

Repository
-----------

The project is hosted on GoogleCode as a Mercurial repository. You can look at the source here:

http://code.google.com/p/micheles/source/browse/#hg%2Fdecorator

Found in path(s):
* /opt/cola/permits/1154644470_1618870926.16/0/decorator-3-4-0-1-tar-gz/decorator-3.4.0/README.txt

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Metadata-Version: 1.1
Name: decorator
Version: 3.4.0
Summary: Better living through Python with decorators
Home-page: http://pypi.python.org/pypi/decorator
Author: Michele Simionato
Author-email: michele.simionato@gmail.com
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Description: Decorator module

Installation
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If you are lazy, just perform

$ easy_install decorator

which will install just the module on your system. Notice that Python 3 requires the easy_install version of the distribute_ project.

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in the main directory, possibly as superuser.

.. _tarball: http://pypi.python.org/pypi/decorator
.. _distribute: http://packages.python.org/distribute/

Testing
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$ python documentation3.py

You will see a few innocuous errors with Python 2.5, because some inner details such as the introduction of the ArgSpec namedtuple and Thread.__repr__.changed. You may safely ignore them.

You cannot run the tests in Python 2.4, since there is a test using the with statement, but the decorator module is expected to work anyway (it has been used in production with Python 2.4 for years). My plan is to keep supporting all Python versions >= 2.4 in the core module, but I will keep the documentation and the tests updated only for the latest Python versions in both the 2.X and 3.X branches.

Finally, notice that you may run into trouble if in your system there is an older version of the decorator module; in such a case remove the old version.

Documentation
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There are various versions of the documentation:

- `HTML version (Python 2)`_
- `PDF version (Python 2)`_

- `HTML version (Python 3)`_
- `PDF version (Python 3)`_

Repository

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The project is hosted on GoogleCode as a Mercurial repository. You can look at the source here:

http://code.google.com/p/micheles/source/browse/#hg%2Fdecorator

Keywords: decorators generic utility
Platform: All
Classifier: Development Status :: 5 - Production/Stable
Classifier: Intended Audience :: Developers
Classifier: License :: OSI Approved :: BSD License
Classifier: Natural Language :: English
Classifier: Operating System :: OS Independent
Classifier: Programming Language :: Python
Classifier: Programming Language :: Python :: 3
Classifier: Topic :: Software Development :: Libraries
Classifier: Topic :: Utilities

Found in path(s):
* /opt/cola/permits/1154644470_1618870926.16/0/decorator-3-4-0-1-tar-gz/decorator-3.4.0/src/decorator.egg-info/PKG-INFO
* /opt/cola/permits/1154644470_1618870926.16/0/decorator-3-4-0-1-tar-gz/decorator-3.4.0/PKG-INFO
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1.2589 log4j-api 2.17.1
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1.2592 hibernate-entitymanager 3.6.10.Final

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1.2594 spring-expression 4.0.2.RELEASE

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))
## Shared library options

LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix

SO = so

## Non-shared intermediate object suffix

STATIC_O = ao

## Compilation rules

%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<

%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<

%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules

%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $<' \
| sed \"s/(\$*).o: :/\1.o $@ : /g\" > $@; \\ 
| -s $@ ] || rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $<' \
| sed \"s/(\$*).o: :/\1.o $@ : /g\" > $@; \\ 
| -s $@ ] || rm -f $@'

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$<

%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$<

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'

```java
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =
```

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/**
 * Constructs a new [@link Textifier]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the [@link #Textifier(int)]
 * version.
 *
 * @throws IllegalStateException
 */
```
* If a subclass calls this constructor.
*/

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/**
 * Constructs a new [ClassNode](#ClassNode). \(<i/>\)Subclasses must not use this
 * constructor\(<i/>\). Instead, they must use the [ClassNode(int)]
 * version.
 *
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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*/
/**
 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * {@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)}
 * version.
 *
 * @param typeRef
 *    a reference to the annotated type. See {@link TypeReference}.
 * @param typePath
 *    the path to the annotated type argument, wildcard bound, array
 *    element type, or static inner type within 'typeRef'. May be
 *    <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 *    the first instructions corresponding to the continuous ranges
 *    that make the scope of this local variable (inclusive).
 * @param end
 *    the last instructions corresponding to the continuous ranges
 *    that make the scope of this local variable (exclusive). This
 *    array must have the same size as the 'start' array.
 * @param index
 *    the local variable's index in each range. This array must have
 *    the same size as the 'start' array.
 * @param desc
 *    the class descriptor of the annotation class.
 */

Found in path(s):
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
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* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/TypeReference.java
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/TypePath.java

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/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [ {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}]
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see {@link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type}).
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

Found in path(s):
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-
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/**
* Creates a new JSRInliner. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the
* { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
* version.
*
* @param mv
* the <code>MethodVisitor</code> to send the resulting inlined
* method code to (use <code>null</code> for none).
* @param access
* the method's access flags (see { @link Opcodes}). This
* parameter also indicates if the method is synthetic and/or
* deprecated.
* @param name
* the method's name.
* @param desc
* the method's descriptor (see { @link Type}).
* @param signature
* the method's signature. May be <tt>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* { @link Type#getInternalName()} getInternalName()). May be
* <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/
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* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/optimizer/shrink-annotations.properties
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/optimizer/shrink-frames.properties
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/optimizer/shrink.properties
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/optimizer/shrink-writer.properties
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/optimizer/shrink-resize.properties

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/**
 * Creates a new [GeneratorAdapter]. <i>Subclasses must not use this
* constructor. Instead, they must use the
* [...@link GeneratorAdapter(int, MethodVisitor, int, String, String)]]
* version.
 *
* @param mv
* the method visitor to which this adapter delegates calls.
* @param access
* the method's access flags (see [...@link Opcodes]]).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see [...@link Type Type]]).
* @throws IllegalStateException
* If a subclass calls this constructor.
* /

Found in path(s):
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-
* jar/org/objectweb/asm/commons/GeneratorAdapter.java
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* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/xml/Processor.java
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* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
* /opt/cola/permits/1136404780_1613763524.85/0/asm-tree-5-0-4-sources-5-jar/org/objectweb/asm/xml/SAXFieldAdapter.java

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* /opt/cola/permits/1000772246_1646171509.45/0/asm-debug-all-5-1-sources-
jar/org/objectweb/asm/tree/analysis/SmallSet.java
* /opt/cola/permits/1000772246_1646171509.45/0/asm-debug-all-5-1-sources-
jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /opt/cola/permits/1000772246_1646171509.45/0/asm-debug-all-5-1-sources-
jar/org/objectweb/asm/MethodWriter.java
```
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*/
/**
 * Constructs a new [@link LocalVariableAnnotationNode]. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * [@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)]
 * version.
 *
 * @param typeRef
 *    a reference to the annotated type. See [@link TypeReference].
 * @param typePath
 *    the path to the annotated type argument, wildcard bound, array
 *    element type, or static inner type within 'typeRef'. May be
 *    <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 *    the fist instructions corresponding to the continuous ranges
 *    that make the scope of this local variable (inclusive).
 * @param end
 *    the last instructions corresponding to the continuous ranges
 *    that make the scope of this local variable (exclusive). This
 *    array must have the same size as the 'start' array.
 * @param index
 *    the local variable's index in each range. This array must have
 *    the same size as the 'start' array.
 * @param desc
 *    the class descriptor of the annotation class.
 */

Found in path(s):
* /opt/cola/permits/1000772246_1646171509.45/0/asm-debug-all-5-1-sources-
  jar/org/objectweb/asm/tree/LocalVariableAnnotationNode.java
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*/
/**
 * Constructs a new {@link ClassNode}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #ClassNode(int)}
 * version.
 *
 * @throws IllegalStateException
 *          If a subclass calls this constructor.
 */

Found in path(s):
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/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [@link #GeneratorAdapter(int, MethodVisitor, int, String, String)]
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see [@link Opcodes]).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see [@link Type Type]).
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

Found in path(s):
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 */

/**
 * Creates a new AnalyzerAdapter. Subclasses must not use this
 * constructor. Instead, they must use the
 * AnalyzerAdapter(int, String, int, String, String, MethodVisitor)
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see @link Opcodes).
 */
* @param name
  * the method's name.
* @param desc
  * the method's descriptor (see {@link Type}).
* @param mv
  * the method visitor to which this adapter delegates calls. May be <tt>null</tt>.
* @throws IllegalStateException
  * If a subclass calls this constructor.
*/

Found in path(s):
* /opt/cola/permits/1000772246_1646171509.45/0/asm-debug-all-5-1-sources.jar/org/objectweb/asm/commons/AnalyzerAdapter.java
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* /opt/cola/permits/1000772246_1646171509.45/0/asm-debug-all-5-1-sources-
jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
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jar/org/objectweb/asm/xml/ASMContentHandler.java
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jar/org/objectweb/asm/xml/Processor.java
* /opt/cola/permits/1000772246_1646171509.45/0/asm-debug-all-5-1-sources-
jar/org/objectweb/asm/xml/SAXCodeAdapter.java
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jar/org/objectweb/asm/xml/SAXAdapter.java
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/**
* Constructs a new [@link Textifier]. &lt;i&gt;Subclasses must not use this
* constructor&lt;/i&gt;. Instead, they must use the [@link #Textifier(int)]
* version.
/*
 * @throws IllegalStateException
 *     If a subclass calls this constructor.
 */

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/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 *    the <code>MethodVisitor</code> to send the resulting inlined
 *    method code to (use <code>null</code> for none).
 */
* @param access
* the method's access flags (see [@link Opcodes]). This
* parameter also indicates if the method is synthetic and/or
* deprecated.
* @param name
* the method's name.
* @param desc
* the method's descriptor (see [@link Type]).
* @param signature
* the method's signature. May be <tt>null</tt>.
* @param exceptions
* the internal names of the method's exception classes (see
* [@link Type#getInternalName() getInternalName]). May be
* <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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util/unlink.py
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backport frop python3 Lib/test/support.py

1.2610 gobject-introspection 1.56.1-1.el7

1.2610.1 Available under license:

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There is also some MIT code in giscanner/. In general where applicable files should have headers denoting their license status; if they do not, please file a bug at https://gitlab.gnome.org/GNOME/gobject-introspection/issues.

1.2611 dynamic.jasper-core-fonts 2.0

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1.2612 libjpeg-turbo 1.2.90 8.el7

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README for release 6b of 27-Mar-1998
==========================================

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This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge’ Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION ROADMAP
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This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:
libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.
OVERVIEW
=========

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdipgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltconfig, ltmain.sh). Another support script, install-sh, is copyright by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

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REFERENCES

We highly recommend reading one or more of these references before trying to understand the inards of the JPEG software.
The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...


The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 2: Compliance testing" and has document numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.
The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314

A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS
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The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to
Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body

send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/. Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS

Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation.
We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO
=====

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.
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com.fasterxml.jackson.dataformat.protobuf.ProtobufFactory

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* /opt/cola/permits/1000738076_1646205635.63/0/jackson-dataformats-binary-jackson-dataformats-binary-2-8-11-

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com.fasterxml.jackson.dataformat.smile.SmileFactory

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## Overview

This is a multi-module umbrella project for [Jackson](../../../jackson) standard binary dataformat backends.

Currently included are:

* [Avro](avro/)
* [CBOR](cbor/)
* [Protobuf](protobuf/)
* [Smile](smile/)

## License

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## Status


## More

See [Wiki](../../wiki) for more information (javadocs).

Found in path(s):


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**1.2614 artemis-selector 1.1.0.wildfly-017**

**1.2614.1 Available under license :**

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1.2615 tomcat-embed-websocket 9.0.14

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/AttributesProxy.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/JAXPValidatorComponent.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/JAXPValidationMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/validation/DOMDocumentHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/validation/DatatypeMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/traversers/SchemaContentHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xpointer/XPointerErrorHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xpointer/XPointerHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSDecimal.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSName.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/datatype/XMLGregorianCalendarImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/StreamValidatorHelper.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/DOMValidatorHelper.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/Util.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/LocatorProxy.java

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/ValidatorHelper.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/TeeXMLDocumentFilterImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/WeakReferenceXMLSchema.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/ReadOnlyGrammarPool.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/UnparsedEntityHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/validation/SimpleXMLSchema.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/BalancedDTDGrammar.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/jaxp/UnparsedEntityHandler.java

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jar/org/apache/xerces/parsers/XMLDocumentParser.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/XIncludeParserConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/XSComplexTypeDecl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/SubstitutionGroupHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/dv/xs/QNameDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/dv/xs/SchemaDVFactoryImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xinclude/ObjectFactory.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/SchemaGrammar.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/traversers/XSDAbstractTraverser.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/SyntaxErrorImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/dv/xs/SchemaGrammar.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
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*/
/**
 * used to check the 3 constraints against each complex type
 * (should be each model group):
 * Unique Particle Attribution, Particle Derivation (Restriction),
 * Element Declarations Consistent.
 */

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/io/UTF8Reader.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xinclude/XInclude11TextReader.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xinclude/XIncludeHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xinclude/XIncludeMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xinclude/MultipleScopeNamespaceSupport.java

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  jar/org/apache/xerces/dom/DOMMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/xni/grammars/XMLDTDDescription.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/xinclude/SecuritySupport.java
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  jar/org/apache/xml/serialize/SecuritySupport.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/html/dom/SecuritySupport.java
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  jar/org/apache/xerces/impl/dv/SecuritySupport.java
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  jar/org/apache/xerces/impl/dv/SecuritySupport.java
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  jar/org/apache/xerces/dom3/as/ASNamedObjectMap.java
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  jar/org/apache/xerces/dom3/as/ASAttributeDeclaration.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/dom3/as/DOMImplementationAS.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/dom3/as/DocumentAS.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
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  jar/org/apache/xerces/dom3/as/NodeEditAS.java
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  jar/org/apache/xerces/dom3/as/DOMASBuilder.java
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jar/org/apache/xerces/xni/XMLDocumentHandler.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xni/parser/XMLComponentManager.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xni/parser/XMLComponent.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/io/UCSReader.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/XML11NamespaceBinder.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xni/XMLAttributes.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/io/ASCIIReader.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/jaxp/JAXPConstants.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/parsers/DOMASBuilderImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/util/IntStack.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xni/grammars/XMLGrammarLoader.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/xni/grammars/XMLGrammarDescription.java

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/NamespaceContext.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/RevalidationHandler.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDContentModelFilter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/ValidationContext.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/IntegratedParserConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/SymbolHash.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/IMIDREFDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/IDREFDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLDTDContentModelFilter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/ValidationContext.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xpath/XPathException.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/IntegratedParserConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/IDREFDV.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/opti/DefaultNode.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DOMXSImplementationSourceImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/DTDDVFactory.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/StringDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/InvalidDatatypeValueException.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xni/parser/XMLPullParserConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/opti/NamedNodeMapImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/UnionDV.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dtd/XML11NSDTDValidator.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/dom/DocumentFragmentImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/models/XSAllCM.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xml/serialize/XHTMLSerializer.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLDocumentFragmentScannerImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/XMLScanner.java
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jar/org/apache/xerces/dom/ParentNode.java
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jar/org/apache/xerces/dom/DeferredDocumentImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSWildcardDecl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLRefreshElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLCardElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLTimerElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLDListElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLBRElementImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLLabelElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLDivElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLHtmlElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLAreaElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/html/dom/HTMLBodyElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLDocumentImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLAnchorElementImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLFieldsetElementImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/wml/dom/WMLFieldsetElementImpl.java

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
jar/org/apache/xerces/impl/xs/util/XSNamedMap4Types.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/dv/xs/AnyAtomicDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/ExternalSubsetResolver.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/XMLEntityDescription.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/dv/xs/PrecisionDecimalDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/XX/XXAnnotationInfo.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/XX/XXEntityDescription.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/io/MalformedByteSequenceException.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/dv/util/ByteListImpl.java
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  jar/org/apache/xerces/parsers/XML11Configurable.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/parsers/XX/XXConfigurable.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/dom/AttrNSImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/impl/xs/XSGroupDecl.java
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*/
/** *
* DOM Level 3 LS CR - Experimental.
* Create a new `<code>LSParser</code>`. The newly constructed parser may then be configured by means of its `<code>DOMConfiguration</code>` object, and used to parse documents by means of its `<code>parse</code>` method.
* @param mode The `<code>mode</code>` argument is either `<code>MODE_SYNCHRONOUS</code>` or `<code>MODE_ASYNCHRONOUS</code>`, if `<code>mode</code>` is `<code>MODE_SYNCHRONOUS</code>` then the `<code>LSParser</code>` that is created will operate in synchronous mode, if it’s `<code>MODE_ASYNCHRONOUS</code>` then the `<code>LSParser</code>` that is created will operate in asynchronous mode.
* @param schemaType An absolute URI representing the type of the schema language used during the load of a `<code>Document</code>` using the newly created `<code>LSParser</code>`. Note that no lexical checking is done on the absolute URI. In order to create a `<code>LSParser</code>` for any kind of schema types (i.e. the `<code>LSParser</code>` will be free to use any schema found), use the value `<null>`.
* @return The newly created `<code>LSParser</code>` object. This `<code>LSParser</code>` is either synchronous or asynchronous depending on the value of the `<code>mode</code>` argument.
* @return The newly created `<code>LSParser</code>` object. This `<code>LSParser</code>` is either synchronous or asynchronous depending on the value of the `<code>mode</code>` argument.

```
<code>Note:</code> For W3C XML Schema [a href='http://www.w3.org/TR/2001/REC-xmlschema-1-20010502/']XML Schema Part 1[/a]
    , applications must use the value
    `<code>http://www.w3.org/2001/XMLSchema</code>`.
    For XML DTD [a href='http://www.w3.org/TR/2000/REC-xml-20001006']XML 1.0[/a],
    applications must use the value
    `<code>http://www.w3.org/TR/TR-REC-xml</code>`.
    Other Schema languages are outside the scope of the W3C and therefore should recommend an
    absolute URI in order to use this method.
```
* @return The newly created `<code>LSParser</code>` object. This `<code>LSParser</code>` is either synchronous or asynchronous depending on the value of the `<code>mode</code>` argument.
* By default, the newly created `<code>LSParser</code>` does not contain a `<code>DOMErrorHandler</code>`, i.e. the value of the "<a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-handler'>error-handler</a>" configuration parameter is `<code>null</code>`. However, implementations may provide a default error handler at creation time. In that case, the initial value of the `<code>error-handler</code>` configuration parameter on the new created `<code>LSParser</code>` contains a reference to the default error handler.
* @exception DOMException
* NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is not supported.
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/impl/xs/traversers/XSDAbstractIDConstraintTraverser.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/impl/xs/opti/TextImpl.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources.jar/org/apache/xerces/impl/dv/SchemaDVFactory.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/parsers/XML11DTDConfiguration.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSDouble.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/DayTimeDurationDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/util/XMLCatalogResolver.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/ByteList.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/xs/datatypes/XSDatetime.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/YearDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/MonthDayDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/DateTimeDV.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-jar/org/apache/xerces/impl/dv/xs/DayDV.java

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jar/org/apache/xerces/impl/dv/xs/MonthDV.java
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jar/org/apache/xerces/xx/XXLoader.java
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jar/org/apache/xerces/xx/XXObject.java
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jar/org/apache/xerces/impl/xx/util/XXGrammarPool.java
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jar/org/apache/xerces/xx/XSException.java
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jar/org/apache/xerces/xx/ElementPSVI.java
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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/dv/dtd/ENTITYDatatypeValidator.java

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* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/dom/NotationImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/dtd/XMLEntityDecl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/msg/XMLMessageFormatter.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/dtd/XMLElementDecl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/ASDOMImplementationImpl.java
* /opt/cola/permits/1124919501_1611197727.99/0/xercesimpl-2-8-0-sources-
  jar/org/apache/xerces/impl/dv/dtd/ENTITYDatatypeValidator.java
1.2620 jbosswebsocketapi 1.1.2.Final

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* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-jar/org/springframework/transaction/jta/SpringJtaSynchronizationAdapter.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-jar/org/springframework/jca/cci/object/MappingRecordOperation.java
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* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-jar/org/springframework/transaction/TransactionUsageException.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-jar/org/springframework/jca/context/BootstrapContextAwareProcessor.java
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* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2.jar/org/springframework/transaction/interceptor/DelegatingTransactionAttribute.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2.jar/org/springframework/transaction/support/DefaultTransactionDefinition.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2.jar/org/springframework/transaction/transaction/TransactionSynchronizationUtils.java
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  jar/org/springframework/jca/work/SimpleTaskWorkManager.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-
  jar/org/springframework/jca/ccicore/ConnectionCallback.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-
  jar/org/springframework/dao/TransientDataAccessResourceException.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-
  jar/org/springframework/transaction/NoTransactionException.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-
  jar/org/springframework/transaction/IllegalTransactionStateException.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-
  jar/org/springframework/jca/ccicore/connection/ConnectionSpecConnectionFactoryAdapter.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-
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* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-
  jar/org/springframework/jca/support/ResourceAdapterFactoryBean.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-
  jar/org/springframework/transaction/interceptor/RuleBasedTransactionAttribute.java
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4-0-2-release-sources-2-
  jar/org/springframework/transaction/interceptor/DefaultTransactionAttribute.java
jar/org/springframework/transaction/jta/WebLogicJtaTransactionManager.java
*/
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/transaction/annotation/AbstractTransactionManagementConfiguration.java
*/
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/jca/endpoint/GenericMessageEndpointFactory.java
*/
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/transaction/interceptor/TransactionProxyFactoryBean.java
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* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/transaction/support/TransactionSynchronizationManager.java
*/
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*/
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/transaction/interceptor/RollbackRuleAttribute.java
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* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/dao/annotation/PersistenceExceptionTranslationPostProcessor.java
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* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/transaction/interceptor/TransactionInterceptor.java
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*/
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/transaction/interceptor/RollbackRuleAttribute.java
*/
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/dao/annotation/PersistenceExceptionTranslationPostProcessor.java
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* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/transaction/interceptor/TransactionInterceptor.java
*/
* /opt/cola/permits/1148131623_1646350018.55/0/spring-tx-4.0-2-release-sources-2-jar/org/springframework/transaction/interceptor/TransactionStatus.java

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- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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 */

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/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {

    }
}
return description;
}

public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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import java.io.IOException;
import java.io.InputStream;

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 * Marker interface for OutputStreams that can directly support
 * copying from an input stream.  OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */

public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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* /opt/cola/permits/1265207865_1643914651.22/0/wildfly-elytron-x500-1-11-2-final-sources-jar/org/wildfly/security/x500/TrustedAuthority.java
* /opt/cola/permits/1265207865_1643914651.22/0/wildfly-elytron-x500-1-11-2-final-sources-jar/org/wildfly/security/x500/GeneralName.java
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2.1.8.RELEASE

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Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.
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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-
jar/org/springframework/web/server/NotAcceptableStatusException.java
* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-
jar/org/springframework/web/context/support/WebApplicationContextUtils.java

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# This file maps Internet media types to unique file extension(s).
# Although created for httpd, this file is used by many software systems
# and has been placed in the public domain for unlimited redistribution.
#
# The table below contains both registered and (common) unregistered types.
# A type that has no unique extension can be ignored -- they are listed
# here to guide configurations toward known types and to make it easier to
# identify "new" types. File extensions are also commonly used to indicate
# content languages and encodings, so choose them carefully.
#
# Internet media types should be registered as described in RFC 4288.
# The registry is at <http://www.iana.org/assignments/media-types/>.
#
# This file was retrieved from
#
# MIME type (lowercased):Extensions
# ================================================================
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
application/davmount+xml
davmount
# application/dca-rft
dapplication/dcd
# application/dcc
dapplication/dialog-info+xml
dapplication/dicom
dapplication/dii
dapplication/dit
dapplication/dns
dapplication/docbook+xml
dbook
# application/dskpp+xml
dapplication/dssc+der
dssc
dapplication/dssc+xml	xdssc
# application/dvcs
dapplication/ecmascript+ecma
# application/edi-consent
dapplication/edi-x12
dapplication/edifact
# application/efi
dapplication/emergencycalldata.comment+xml
dapplication/emergencycalldata.deviceinfo+xml
dapplication/emergencycalldata.providerinfo+xml
dapplication/emergencycalldata.serviceinfo+xml
dapplication/emergencycalldata.subscriberinfo+xml
dapplication/emma+xml	emma
# application/emotionml+xml
# application/encaprtp
# application/epp+xml
dapplication/epub+zip	epub
# application/eshop
dapplication/example
dapplication/exi
dapplication/fastinfoset
dapplication/fastsoap
dapplication/fdt+xml
dapplication/fits
# application/font-sfnt
dapplication/font-tdprf
application/font-woff
# application/framework-attributes+xml
# application/geo+json
dapplication/gml+xml
gml
dapplication/gpx+xml
gpx
dapplication/gxf
gxf
# application/gzip
dapplication/h224
# application/held+xml
# application/http
application/oda
# application/odx
application/oebps-package+xml
application/ogg
application/omdoc+xml
application/onenote					onetoc onetoc2 onetmp onepkg
application/oxps
# application/p2p-overlay+xml
# application/parityfec
application/patch-ops-error+xml
application/pdf
# application/pdx
application/pgp-encrypted
# application/pgp-keys
application/pgp-signature
application/pics-rules
# application/pidf+xml
# application/pidf-diff+xml
application/pkcs10
# application/pkcs12
application/pkcs7-mime
application/pkcs7-signature
application/pkix-attr-cert
application/pkix-cert
application/pkix-crl
application/pkix-pkipath
application/pkixcmp
application/pls+xml
# application/poc-settings+xml
application/postscript
# application/ppsp-tracker+json
# application/problem+json
# application/problem+xml
# application/provenance+xml
# application/prs.alvestrand.titrax-sheet
application/prs.cww
# application/prs.hpub+zip
# application/prs.nprend
# application/prs.plucker
# application/prs.rdf-xml-crypt
# application/prs.xsf+xml
application/pskc+xml
# application/qsig
# application/raptorfec
# application/rdap+json
application/rdf+xml
application/reginfo+xml
# application/vnd.3gpp.state-and-event-info+xml
# application/vnd.3gpp.ussd+xml
# application/vnd.3gpp2.bcmcsinfo+xml
# application/vnd.3gpp2.sms
application/vnd.3gpp2.tcap
tcap
# application/vnd.3lightssoftware.imagescal
application/vnd.3m.post-it-notes	pwn
application/vnd.accpac.simply.aso
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application/vnd.accpac.simply.imp
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application/vnd.acucobol
acu
application/vnd.acucorp
atc
application/vnd.adobe.air-application-installer-package+zipair
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application/vnd.adobe.fxp fxp fxpl
# application/vnd.adobe.partial-upload
application/vnd.adobe.xdp+xmlxdp
application/vnd.adobe.xfdf	xfdf
# application/vnd.aether.imp
# application/vnd.ah-barcode
application/vnd.ahead.spaceahead
application/vnd.airzip.filesecure.azfazf
application/vnd.airzip.filesecure.azsazs
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# application/vnd.amazon.mobi8-ebook
application/vnd.americandynamics.accacc
application/vnd.amiga.amiami
# application/vnd.amundsen.maze+xml
application/vnd.android.package-archiveapk
# application/vnd.anki
application/vnd.anser-web-certificate-issue-initiationcii
application/vnd.anser-web-funds-transfer-initiationfti
application/vnd.antix.game-componentatx
# application/vnd.apache.thrift.binary
# application/vnd.apache.thrift.compact
# application/vnd.apache.thrift.json
# application/vnd.api+json
application/vnd.apple.installer+xmlmpkg
application/vnd.apple.mpegurlm3u8
# application/vnd.arista.swi
application/vnd.aristanetworks.swiswi
# application/vnd.artsquare
application/vnd.astraea-software.iotaota
application/vnd.audiographaep
# application/vnd.autopackage
# application/vnd.avistar+xml
# application/vnd.balsamiq.bmml+xml
# application/vnd.balsamiq.bmpr
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application/vnd.innsors.igmigm
application/vnd.intercon.formnetxpw xpx
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application/vnd.isac.fcsfcs
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# application/vnd.japannet-directory-service
# application/vnd.japannet-jpnstore-wakeup
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application/vnd.kde.kchartchrt
application/vnd.kde.kformulakfo
application/vnd.kde.kivioflw
application/vnd.kde.kontourkon
application/vnd.kde.kpresenterkpr kpt
application/vnd.kde.kspreadkpr kpt
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application/vnd.kinarkne knp
application/vnd.koanspkp skd skt skm
application/vnd.kodak-descriptor
application/vnd.las.laslxml
# application/vnd.liberty-request+xml
# audio/tone
# audio/uemclip
# audio/ulpfec
# audio/vdvi
# audio/vmr-wb
# audio/vnd.3gpp.iufp
# audio/vnd.4sb
# audio/vnd.audiokoz
# audio/vnd.celp
# audio/vnd.cisco.nse
# audio/vnd.cmles.radio-events
# audio/vnd.cns.anp1
# audio/vnd.cns.inf1
audio/vnd.dece.audiouva uvva
audio/vnd.digital-winseol
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# audio/vnd.dolby.heaac.1
# audio/vnd.dolby.heaac.2
# audio/vnd.dolby.mlp
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audio/vnd.nuera.ecelp7470
audio/vnd.nuera.ecelp9600
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# audio/vnd.qcelp
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audio/vnd.riprip
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# audio/vorbis
# audio/vorbis-config
audio/webmweba
audio/x-aacaac
audio/x-aiff aiff aifc
video/3gpp3gp
# video/3gpp-tt
video/3gpp23g2
# video/bmpeeg
# video/bt666
# video/cellb
# video/dv
# video/encaprtp
# video/example
video/h261h261
video/h263h263
# video/h263-1998
# video/h263-2000
video/h264h264
# video/h264-rcdo
# video/h264-svc
# video/h265
# video/iso.segment
video/jpegjpgv
# video/jpeg2000
video/jpjmjpgm
video/mj2mj2mjp2
# video/mp1s
# video/mp2p
# video/mp2t
video/mp4mp4m4vmpg4
# video/mp4v-es
video/mpegmpgmpgpempemvempemv
# video/mpeg4-generic
# video/mpv
# video/nv
video/oggogv
# video/parityfec
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# video/raptorfec
# video/raw
# video/rtp-enc-aescm128
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# video/vnd.iptvforum.1dparityfec-2005
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video/x-f4vf4v
video/x-flifli
video/x-flvf4v
video/x-m4vm4v
video/x-matroskamkv mk3d mks
video/x-mng
video/x-ms-asf asx
video/x-ms-vobvob
video/x-ms-wmwm
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  jar/org/springframework/http/codec/xml/Jaxb2XmlEncoder.java
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/**
 * Return the web session for the current request. Always guaranteed  to
 * return an instance either matching to the session id requested by the
 * client, or with a new session id either because the client did not
 * specify one or because the underlying session had expired. Use of this
 * method does not automatically create a session. See {@link WebSession}
 * for more details.
 */

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* /opt/cola/permits/1110675621_1606843703.05/0/spring-web-5-0-8-release-sources-1-
  jar/org/springframework/web/server/ServerWebExchange.java
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  jar/org/springframework/web/bind/support/SessionStatus.java
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  jar/org/springframework/http/converter/protobuf/ExtensionRegistryInitializer.java
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1.2647 atk 2.28.1 1.el7

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1.2655 typing-extensions 4.1.1

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1-jar/org/springframework/web/servlet/mvc/method/annotation/StreamingResponseBody.java
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 * @author Rossen Stoyanchev
 * @since 3.1
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* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/MatrixVariableMethodArgumentResolver.java
* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/mvc/method/RequestMappingInfo.java
* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurer.java
* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/view/TemplateView.java
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jar/org/springframework/web/servlet/theme/ThemeChangeInterceptor.java
* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1-
jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java
* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1-
jar/org/springframework/web/servlet/tags/form/HiddenInputTag.java

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/**
* XSLT-driven View that allows for response context to be rendered as the
* result of an XSLT transformation.
*
* <p>The XSLT Source object is supplied as a parameter in the model and then
* ![locateSource detected] during response rendering. Users can either specify
* a specific entry in the model via the ![setSourceKey sourceKey] property or
* have Spring locate the Source object. This class also provides basic conversion
* of objects into Source implementations. See ![getSourceTypes] here
* for more details.
*
All model parameters are passed to the XSLT Transformer as parameters.
In addition the user can configure [@link #setOutputProperties output properties]
to be passed to the Transformer.

@authors Rob Harrop
@authors Juergen Hoeller
@since 2.0
*/

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*/opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/view/InternalResourceViewResolver.java
*/opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/JsonViewResponseBodyAdvice.java
*/opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/config/CorsBeanDefinitionParser.java
*/opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/RequestAttributeMethodArgumentResolver.java
*/opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/mvc/method/annotation/UriComponentsBuilderMethodArgumentResolver.java
*/opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/view/script/ScriptTemplateViewResolver.java
*/opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1.jar/org/springframework/web/servlet/handler/SimpleServletPostProcessor.java
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  jar/org/springframework/web/servlet/tags/form/PasswordInputTag.java
* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1-
  jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMappingJacksonResponseBodyAdvice.java
* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1-
  jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1-
  jar/org/springframework/web/servlet/FlashMapManager.java
* /opt/cola/permits/1148132029_1646350097.43/0/spring-webmvc-5-1-4-release-sources-1-
  jar/org/springframework/web/servlet/support/SessionFlashMapManager.java

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David Gibson <david@gibson.dropbear.id.au>
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-- Wolfgang Denk

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1.2662 asm 5.0.4

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  jar/org/objectweb/asm/signature/package.html
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/xml/Processor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/xml/SAXFieldAdapter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/xml/ASMContentHandler.java
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*/
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * { @link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 * 
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>null</code> for none).
 * @param access
 * the method's access flags (see { @link Opcodes}). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see { @link Type}).
 * @param signature
 * the method's signature. May be <tt>null</tt>.
 * @param exceptions
 * the internal names of the method's excepts classes (see
 * { @link Type#getName()}). May be
 * <tt>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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 */
/**
 * Creates a new [@link GeneratorAdapter]. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [@link #GeneratorAdapter(int, MethodVisitor, int, String, String)]
 */
* version.
* 
* @param mv
*    the method visitor to which this adapter delegates calls.
* @param access
*    the method's access flags (see {@link Opcodes}).
* @param name
*    the method's name.
* @param desc
*    the method's descriptor (see {@link Type Type}).
* @throws IllegalStateException
*    If a subclass calls this constructor.
*/

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/**
 * Constructs a new [@link Textifier]. <i>Subclasses must not use this constructor</i>. Instead, they must use the [@link Textifier(int)] version.
 * @throws IllegalStateException
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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*/
/**
* Constructs a new [@link ClassNode]. <i>Subclasses must not use this constructor</i>. Instead, they must use the [@link ClassNode(int)] version.
* @throws IllegalStateException
*/
    * If a subclass calls this constructor.
    */

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/**
* Constructs a new [@link LocalVariableAnnotationNode]. <i>Subclasses must
* not use this constructor</i>. Instead, they must use the
* {[@link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)]
* version.
* *
* @param typeRef
*    a reference to the annotated type. See {[@link TypeReference].
* @param typePath
*    the path to the annotated type argument, wildcard bound, array
*    element type, or static inner type within 'typeRef'. May be
*    <tt>null</tt> if the annotation targets 'typeRef' as a whole.
* @param start
* the first instructions corresponding to the continuous ranges
* that make the scope of this local variable (inclusive).
* @param end
* the last instructions corresponding to the continuous ranges
* that make the scope of this local variable (exclusive). This
* array must have the same size as the 'start' array.
* @param index
* the local variable's index in each range. This array must have
* the same size as the 'start' array.
* @param desc
* the class descriptor of the annotation class.
*/

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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TypeAnnotationNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Handle.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/ClassOptimizer.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/Frame.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InvokeDynamicInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/AnalyzerException.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/TypeInsnNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/RemappingAnnotationAdapter.java
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/FieldVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Context.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/TraceMethodVisitor.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/MethodConstantsCollector.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/Handler.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/TreeMethodNode.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/InsnList.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/FieldConstantsCollector.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/MethodWriter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/tree/analysis/BasicInterpreter.java
* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/signature/SignatureWriter.java
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*/opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/util/ASMifiable.java

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/**
 * Creates a new {@link AnalyzerAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * [ @link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor) }
 * version.
 *
 * @param owner
 * the owner's class name.
 * @param access
 * the method's access flags (see [ @link Opcodes ]).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see [ @link Type Type ]).
 * @param mv
 * the method visitor to which this adapter delegates calls. May
 * be <tt>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/shrink-frames.properties
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* /opt/cola/permits/1135863767_1613617914.89/0/asm-5-0-4-sources-6-jar/org/objectweb/asm/optimizer/shrink.properties
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When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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L. Peter Deutsch
ghost@aladdin.com

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Version 2.1, February 1999

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In other cases, permission to use a particular library in non-free
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   (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
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root function must still compute square roots.)

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This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.
If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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1.2666 netty-codec 4.1.34.Final

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 */

#include <glibmm/object.h>
#include <giomm/cancellable.h>
#include <giomm/asyncresult.h>
namespace Gio
{

/** An object representing the permission to perform a certain action.
*
* A Permission represents the status of the caller's permission to
* perform a certain action.
*
* You can query if the action is currently allowed and if it is
* possible to acquire the permission so that the action will be allowed
* in the future.
*
* There is also an API to actually acquire the permission and one to
* release it.
*
* As an example, a Permission might represent the ability for the
* user to write to a Settings object. This Permission object could
* then be used to decide if it is appropriate to show a "Click here to
* unlock" button in a dialog and to provide the mechanism to invoke
* when that button is clicked.
*
* @newin{2,42}
*/
class Permission : public Glib::Object
{
  /**
   * An object representing the permission to perform a certain action.
   *
   * A Permission represents the status of the caller's permission to
   * perform a certain action.
   *
   * You can query if the action is currently allowed and if it is
   * possible to acquire the permission so that the action will be allowed
   * in the future.
   *
   * There is also an API to actually acquire the permission and one to
   * release it.
   *
   * As an example, a Permission might represent the ability for the
   * user to write to a Settings object. This Permission object could
   * then be used to decide if it is appropriate to show a "Click here to
   * unlock" button in a dialog and to provide the mechanism to invoke
   * when that button is clicked.
   *
   * @newin{2,42}
   */

  public:

  _WRAP_METHOD(bool acquire(const Glib::RefPtr<Cancellable>& cancellable{?}), g_permission_acquire, errthrow)
  _WRAP_METHOD(void acquire_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>& cancellable{?}), g_permission_acquire_async, slot_name slot, slot_callback SignalProxy_async_callback)
  _WRAP_METHOD(bool acquire_finish(const Glib::RefPtr<AsyncResult>& result), g_permission_acquire_finish, errthrow)

  _WRAP_METHOD(bool release(const Glib::RefPtr<Cancellable>& cancellable{?}), g_permission_release, errthrow)
  _WRAP_METHOD(void release_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>& cancellable{?}), g_permission_release_async, slot_name slot, slot_callback SignalProxy_async_callback)
  _WRAP_METHOD(bool release_finish(const Glib::RefPtr<AsyncResult>& result), g_permission_release_finish, errthrow)

};
errthrow)

   _WRAP_METHOD(bool get_allowed() const, g_permission_get_allowed)
   _WRAP_METHOD(bool get_can_acquire() const, g_permission_get_can_acquire)
   _WRAP_METHOD(bool get_can_release() const, g_permission_get_can_release)

   _WRAP_PROPERTY("allowed", bool)
   _WRAP_PROPERTY("can_acquire", bool)
   _WRAP_PROPERTY("can_release", bool)

protected:

   _CTOR_DEFAULT

   // A copy is needed for vfuncs, i.e. Glib::wrap($3, true)
   #m4 _CONVERSION(`GAsyncResult*`, `const Glib::RefPtr<AsyncResult>&`, `Glib::wrap($3, true)' )
   #m4 _CONVERSION(`GCancellable*`, `const Glib::RefPtr<Cancellable>&`, `Glib::wrap($3, true)' )

   _WRAP_VFUNC(bool acquire(const Glib::RefPtr<Cancellable>& cancellable), acquire, errthrow)
   _WRAP_VFUNC(void acquire_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>&
                 cancellable{.}), acquire_async, slot_name slot, slot_callback SignalProxy_async_callback)
   _WRAP_VFUNC(bool acquire_finish(const Glib::RefPtr<AsyncResult>& result), acquire_finish, errthrow)

   _WRAP_VFUNC(bool release(const Glib::RefPtr<Cancellable>& cancellable), release, errthrow)
   _WRAP_VFUNC(void release_async(const SlotAsyncReady& slot{callback}, const Glib::RefPtr<Cancellable>&
                 cancellable{.}), release_async, slot_name slot, slot_callback SignalProxy_async_callback)
   _WRAP_VFUNC(bool release_finish(const Glib::RefPtr<AsyncResult>& result), release_finish, errthrow)

   // You should never call this function except from a Gio::Permission implementation.
   _WRAP_METHOD(void impl_update(bool allowed, bool can_acquire, bool can_release),
                 g_permission_impl_update)
   
} // namespace Gio

// Generated by gmmproc 2.54.1 -- DO NOT MODIFY!
#define _GIOMM_PERMISSION_H

#include <glibmm/ustring.h>
#include <sigc++/sigc++.h>

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```
#include <glibmm/object.h>
#include <giomm/cancellable.h>
#include <giomm/asyncresult.h>

#ifndef DOXYGEN_SHOULD_SKIP_THIS
using GPermission = struct _GPermission;
using GPermissionClass = struct _GPermissionClass;
#endif /* DOXYGEN_SHOULD_SKIP_THIS */

#ifndef DOXYGEN_SHOULD_SKIP_THIS
namespace Gio
{
class Permission_Class;
}
#endif //DOXYGEN_SHOULD_SKIP_THIS

namespace Gio
{

/** An object representing the permission to perform a certain action.
* A Permission represents the status of the caller's permission to
* perform a certain action.
* You can query if the action is currently allowed and if it is
* possible to acquire the permission so that the action will be allowed
* in the future.
* There is also an API to actually acquire the permission and one to
* release it.
* As an example, a Permission might represent the ability for the
* user to write to a Settings object. This Permission object could
* then be used to decide if it is appropriate to show a "Click here to
* unlock" button in a dialog and to provide the mechanism to invoke
* when that button is clicked.
* @newin{2,42}
*/
```
class Permission : public Glib::Object 
{

#ifdef DOXYGEN_SHOULD_SKIP_THIS

public:
using CppObjectType = Permission;
using CppClassType = Permission_Class;
using BaseObjectType = GPermission;
using BaseClassType = GPermissionClass;

// noncopyable
Permission(const Permission&) = delete;
Permission& operator=(const Permission&) = delete;

private:  friend class Permission_Class;
static CppClassType permission_class_; 

protected:
explicit Permission(const Glib::ConstructParams& construct_params);
explicit Permission(GPermission* castitem);

#endif /* DOXYGEN_SHOULD_SKIP_THIS */

public:

Permission(Permission&& src) noexcept;
Permission& operator=(Permission&& src) noexcept;
~Permission() noexcept override;

/** Get the GType for this class, for use with the underlying GObject type system.
**/ 
static GType get_type() G_GNUC_CONST;

#ifndef DOXYGEN_SHOULD_SKIP_THIS
static GType get_base_type() G_GNUC_CONST;
#endif

static GType get_base_type() G_GNUC_CONST;
#endif

//Provides access to the underlying C GObject.
GPermission* gobj() { return reinterpret_cast<GPermission*>(gobject_); }

//Provides access to the underlying C GObject.
const GPermission* gobj() const { return reinterpret_cast<const GPermission*>(gobject_); }
// Provides access to the underlying C instance. The caller is responsible for unrefing it. Use when directly setting fields in structs.
GPermission* gobj_copy();

private:

public:

/** Attempts to acquire the permission represented by @a permission.
 * 
 * The precise method by which this happens depends on the permission
 * and the underlying authentication mechanism. A simple example is
 * that a dialog may appear asking the user to enter their password.
 * 
 * You should check with g_permission_get_can_acquire() before calling
 * this function.
 * 
 * If the permission is acquired then <tt>true</tt> is returned. Otherwise,
 * <tt>false</tt> is returned and @a error is set appropriately.
 * 
 * This call is blocking, likely for a very long time (in the case that
 * user interaction is required). See g_permission_acquire_async() for
 * the non-blocking version.
 * 
 * @newin{2,26}
 * 
 * @param cancellable A Cancellable, or <tt>nullptr</tt>.
 * @return <tt>true</tt> if the permission was successfully acquired.
 * 
 * @throws Glib::Error
 */
 bool acquire(const Glib::RefPtr<Cancellable>& cancellable);

/// A acquire() convenience overload.
bool acquire();

/** Attempts to acquire the permission represented by @a permission.
 * 
 * This is the first half of the asynchronous version of
 * g_permission_acquire().
 * 
 * @newin{2,26}
 * 
 * @param cancellable A Cancellable, or <tt>nullptr</tt>.
 * @param slot The SlotAsyncReady to call when done.
 */
*/
void acquire_async(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// A acquire_async() convenience overload.
void acquire_async(const SlotAsyncReady& slot);

/** Collects the result of attempting to acquire the permission
* represented by @a permission.
*
* This is the second half of the asynchronous version of
* g_permission_acquire().
*
* @newin{2,26}
*
* @param result The AsyncResult given to the SlotAsyncReady.
* @return <tt>true</tt> if the permission was successfully acquired.
* @throws Glib::Error
*/
bool acquire_finish(const Glib::RefPtr<AsyncResult>& result);

/** Attempts to release the permission represented by @a permission.
*
* The precise method by which this happens depends on the permission
* and the underlying authentication mechanism. In most cases the
* permission will be dropped immediately without further action.
*
* You should check with g_permission_get_can_release() before calling
* this function.
*
* If the permission is released then <tt>true</tt> is returned. Otherwise,
* <tt>false</tt> is returned and @a error is set appropriately.
*
* This call is blocking, likely for a very long time (in the case that
* user interaction is required). See g_permission_release_async() for
* the non-blocking version.
*
* @newin{2,26}
*
* @param cancellable A Cancellable, or <tt>nullptr</tt>.
* @return <tt>true</tt> if the permission was successfully released.
* @throws Glib::Error
*/
bool release(const Glib::RefPtr<Cancellable>& cancellable);

/// A release() convenience overload.

---

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bool release();

/** Attempts to release the permission represented by @a permission.

* This is the first half of the asynchronous version of
* g_permission_release().
*
* @newin{2,26}
*
* @param cancellable A Cancellable, or <tt>nullptr</tt>.
* @param slot The SlotAsyncReady to call when done.
*/
void release_async(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// A release_async() convenience overload.
void release_async(const SlotAsyncReady& slot);

/** Collects the result of attempting to release the permission
represented by @a permission.

* This is the second half of the asynchronous version of
* g_permission_release().
*
* @newin{2,26}
*
* @param result TheAsyncResult given to the SlotAsyncReady.
* @return <tt>true</tt> if the permission was successfully released.
*
* @throws Glib::Error
*/
bool release_finish(const Glib::RefPtr<AsyncResult>& result);

/** Gets the value of the 'allowed' property. This property is <tt>true</tt> if
* the caller currently has permission to perform the action that
* @a permission represents the permission to perform.
*
* @newin{2,26}
*
* @return The value of the 'allowed' property.
*/
bool get_allowed() const;

/** Gets the value of the 'can-acquire' property. This property is <tt>true</tt> if
* it is generally possible to acquire the permission by calling
* g_permission_acquire().
*
* @newin{2,26}
*
bool get_can_acquire() const;

bool get_can_release() const;

Glib::PropertyProxy_ReadOnly< bool > property_allowed() const;

Glib::PropertyProxy_ReadOnly< bool > property_can_acquire() const;

Glib::PropertyProxy_ReadOnly< bool > property_can_release() const;
protected:

Permission();

// A copy is needed for vfuncs, i.e. Glib::wrap($3, true)

/// @throws Glib::Error.
virtual bool acquire_vfunc(const Glib::RefPtr<Cancellable>& cancellable);

virtual void acquire_async_vfunc(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// @throws Glib::Error.
virtual bool acquire_finish_vfunc(const Glib::RefPtr<AsyncResult>& result);

/// @throws Glib::Error.
virtual bool release_vfunc(const Glib::RefPtr<Cancellable>& cancellable);

virtual void release_async_vfunc(const SlotAsyncReady& slot, const Glib::RefPtr<Cancellable>& cancellable);

/// @throws Glib::Error.
virtual bool release_finish_vfunc(const Glib::RefPtr<AsyncResult>& result);

// You should never call this function except from a Gio::Permission implementation.

/** This function is called by the Permission implementation to update
 * the properties of the permission. You should never call this
 * function except from a Permission implementation.
 * 
 * GObject notify signals are generated, as appropriate.
 * 
 * @newin{2,26}
 * 
 * @param allowed The new value for the 'allowed' property.
 * @param can_acquire The new value for the 'can-acquire' property.
 * @param can_release The new value for the 'can-release' property.
 * */
void impl_update(bool allowed, bool can_acquire, bool can_release);

public:

//C++ methods used to invoke GTK+ virtual functions:

protected:
//GTK+ Virtual Functions (override these to change behaviour):

//Default Signal Handlers::

};

} // namespace Gio

namespace Glib
{
/** A Glib::wrap() method for this object.
 * 
 * @param object The C instance.
 * @param take_copy False if the result should take ownership of the C instance. True if it should take a new copy or ref.
 * @param result A C++ instance that wraps this C instance.
 * @param relates Gio::Permission
 * /
 * Glib::RefPtr<Gio::Permission> wrap(GPermission* object, bool take_copy = false);
}

#endif /* _GIOMM_PERMISSION_H */

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1.2671 jnp-client 4.2.2.GA

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  Version 2.1, February 1999

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* Written by Marek Michalkiewicz <marekm@i17linuxb.ists.pwr.wroc.pl>, public domain.

1.2686 flask-wtf 0.14.3

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1.2688 device-mapper-multipath 0.4.9-135.el7_9
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/context/support/ServletContextPropertySource.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/http_converter/feed/AtomFeedHttpMessageConverter.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/http_server/ServerHttpAsyncRequestControl.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/http_client/ClientHttpRequest.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/context/ConfigurableWebApplicationContext.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/context/support/ServletConfigPropertySource.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/context/support/ConfigurableWebApplicationContext.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/context/support/ServletContextPropertySource.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/context/ConfigurableWebApplicationContext.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/context/support/ConfigurableWebApplicationContext.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/context/ConfigurableWebApplicationContext.java
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
  jar/org/springframework/web/bind/support/SessionStatus.java
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
  jar/org/springframework/web/multipart/MultipartHttpServletRequest.java
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/annotation/RequestScope.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/server/MediaTypeNotSupportedStatusException.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/http/ReactiveHttpInputMessage.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/cors/CorsConfigurationSource.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/request/async/AsyncRequestTimeoutException.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/server/WebRequestHandler.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/http/client/ClientHttpRequestExecution.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/annotation/SessionScope.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/server/session/WebSessionManager.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/bind/annotation/GetMapping.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/support/ServletContextResourcePatternResolver.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/http/converter/json/SpringHandlerInstantiator.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/WebApplicationContext.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/server/WebExceptionHandler.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/multipart/support/MissingServletRequestPartException.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/accept/MediaTypeFileExtensionResolver.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/server/NotAcceptableStatusException.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/bind/annotation/CookieValue.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/bind/annotation/RequestAttribute.java
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Found in path(s):
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/filter/CorsFilter.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/bind/support/WebBindingInitializer.java
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# This file maps Internet media types to unique file extension(s).
# Although created for httpd, this file is used by many software systems
# and has been placed in the public domain for unlimited redistribution.
#
# The table below contains both registered and (common) unregistered types.
# A type that has no unique extension can be ignored -- they are listed
# here to guide configurations toward known types and to make it easier to
# identify "new" types. File extensions are also commonly used to indicate
# content languages and encodings, so choose them carefully.
#
# Internet media types should be registered as described in RFC 4288.
# The registry is at <https://www.iana.org/assignments/media-types/>.
#
# This file was retrieved from
#
# MIME type (lowercased)Extensions
# ============================================
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
application/andrew-insetez
# application/applefile
application/applixwareaw
# application/atf
# application/atfx
application/atom+xml
application/atomcat+xml
# application/atomdeleted+xml
# application/atomicmail
application/atomsvc+xml
# application/atxml
# application/auth-policy+xml
# application/bacnet-xdd+xml
# application/batch-smtp
# application/beep+xml
# application/calendar+json
# application/calendar+xml
# application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
application/ccxml+xml
# application/cdfx+xml
application/cdm-capabilitycdmia
application/cdm-containercdmic
application/cdm-domaincdmid
application/cdm-objectcdmio
application/cdm-queuecdmiq
# application/cdni
# application/cea
# application/cea-2018+xml
# application/cellml+xml
# application/cfw
# application/cms
# application/cnrp+xml
<table>
<thead>
<tr>
<th>MIME Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td># application/coap-group+json</td>
<td></td>
</tr>
<tr>
<td># application/commonground</td>
<td></td>
</tr>
<tr>
<td># application/conference-info+xml</td>
<td></td>
</tr>
<tr>
<td># application/cpl+xml</td>
<td></td>
</tr>
<tr>
<td># application/csrattrs</td>
<td></td>
</tr>
<tr>
<td># application/csta+xml</td>
<td></td>
</tr>
<tr>
<td># application/csvm+xml</td>
<td></td>
</tr>
<tr>
<td>application/cu-seemecu</td>
<td>cu</td>
</tr>
<tr>
<td># application/cybercash</td>
<td></td>
</tr>
<tr>
<td># application/dash+xml</td>
<td></td>
</tr>
<tr>
<td># application/dashdelta</td>
<td></td>
</tr>
<tr>
<td>application/davmount+xml</td>
<td>xmldavmount</td>
</tr>
<tr>
<td># application/dca-rft</td>
<td></td>
</tr>
<tr>
<td># application/dcd</td>
<td></td>
</tr>
<tr>
<td># application/dec-dx</td>
<td></td>
</tr>
<tr>
<td># application/dialog-info+xml</td>
<td></td>
</tr>
<tr>
<td># application/dicom</td>
<td></td>
</tr>
<tr>
<td># application/dii</td>
<td></td>
</tr>
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<td># application/dit</td>
<td></td>
</tr>
<tr>
<td># application/dns</td>
<td></td>
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<tr>
<td>application/docbook+xml</td>
<td>dbk</td>
</tr>
<tr>
<td># application/dskpp+xml</td>
<td></td>
</tr>
<tr>
<td>application/dssc+der</td>
<td>dssc</td>
</tr>
<tr>
<td>application/dssc+xml</td>
<td>xdssc</td>
</tr>
<tr>
<td># application/dvcs</td>
<td></td>
</tr>
<tr>
<td>application/emascriptecma</td>
<td></td>
</tr>
<tr>
<td># application/edi-consent</td>
<td></td>
</tr>
<tr>
<td># application/edi-x12</td>
<td></td>
</tr>
<tr>
<td># application/edifact</td>
<td></td>
</tr>
<tr>
<td># application/efi</td>
<td></td>
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<tr>
<td># application/emergencycalldata.comment+xml</td>
<td></td>
</tr>
<tr>
<td># application/emergencycalldata.deviceinfo+xml</td>
<td></td>
</tr>
<tr>
<td># application/emergencycalldata.providerinfo+xml</td>
<td></td>
</tr>
<tr>
<td># application/emergencycalldata.serviceinfo+xml</td>
<td></td>
</tr>
<tr>
<td># application/emergencycalldata.subscriberinfo+xml</td>
<td></td>
</tr>
<tr>
<td>application/emma+xml</td>
<td>emma</td>
</tr>
<tr>
<td># application/emotionml+xml</td>
<td></td>
</tr>
<tr>
<td># application/encaprtp</td>
<td></td>
</tr>
<tr>
<td># application/epp+xml</td>
<td></td>
</tr>
<tr>
<td>application/epub+zipepub</td>
<td></td>
</tr>
<tr>
<td># application/eshop</td>
<td></td>
</tr>
<tr>
<td># application/example</td>
<td></td>
</tr>
<tr>
<td>application/exiexi</td>
<td></td>
</tr>
<tr>
<td># application/fastinfoset</td>
<td></td>
</tr>
<tr>
<td># application/fastsoap</td>
<td></td>
</tr>
<tr>
<td># application/fdt+xml</td>
<td></td>
</tr>
<tr>
<td># application/fits</td>
<td></td>
</tr>
</tbody>
</table>
# application/load-control+xml
application/lost+xmllostxml
# application/lostsync+xml
# application/lxf
application/mac-binhex40hqx
application/mac-compactprocpt
# application/macwriteii
application/mads+xmlmads
application/marcramrc
application/marxml+xmlxmlmrcx
application/mathematica nxuan
application/mathml+xmlxmlmathml
# application/mathml-content+xml
# application/mathml-presentation+xml
# application/mbms-associated-procedure-description+xml
# application/mbms-deregister+xml
# application/mbms-envelope+xml
# application/mbms-msk+xml
# application/mbms-msk-response+xml
# application/mbms-protection-description+xml
# application/mbms-reception-report+xml
# application/mbms-register+xml
# application/mbms-register-response+xml
# application/mbms-schedule+xml
# application/mbms-user-service-description+xml
application/mbox
# application/media-policy-dataset+xml
# application/media_control+xml
application/mediaservercontrol+xmlxmlmscml
# application/merge-patch+json
application/metalink+xmlxmlmetalink
application/metalink4+xmlxmlmeta4
application/mets+xmlxmlmets
# application/mf4
# application/mikey
application/mods+xmlxmlmods
# application/moss-keys
# application/moss-signature
# application/mosskey-data
# application/mosskey-request
application/mp21+xmlmp21
application/mp4+xmlmp4s
# application/mpeg4-generic
# application/mpeg4-iod
# application/mpeg4-iod-xmt
# application/mrb-consumer+xml
# application/mrb-publish+xml
# application/msc-ivr+xml
# application/msc-mixer+xml
application/msword doc
application/mxf
# application/nasdata
# application/news-checkgroups
# application/news-groupinfo
# application/news-transmission
# application/nlsml+xml
# application/nss
# application/ocsp-request
# application/ocsp-response
application/octet-stream bin dms lrf mar so dist distz pkg bpk dump elc deploy
application/oda oda
# application/odx
application/oebps-package+xml opf
application/ogg ogx
application/omdoc+xml odoc
application/onenote onetoc onetoc2 onetmp onepkg
application/oxps oxps
# application/p2p-overlay+xml
# application/parityfec
application/patch-ops-error+xml xer
application/pdf pdf
# application/pdx
application/pgp-encrypted pgp
# application/pgp-keys
application/pgp-signature asc sig
application/pics-rules prf
# application/pidf+xml
# application/pidf-diff+xml
application/pkcs10 p10
# application/pkcs12
application/pkcs7-mimep7m p7c
application/pkcs7-signaturep7s
application/pkcs8p8
application/pkix-attr-certac
application/pkix-certcer
application/pkix-crlcrl
application/pkix-pkipathpki
application/pkixmpkki
application/pls+xml pls
# application/poc-settings+xml
application/postscriptai eps ps
# application/ppsp-tracker+json
# application/problem+json
# application/problem+xml
# application/provenance+xml
# application/prs.alvestrand.titrax-sheet
# application/smgl-open-catalog
application/shf+xml
# application/sieve
# application/simple-filter+xml
# application/simple-message-summary
# application/simpleymbolcontainer
# application/slate
# application/smil
application/smil+xml
application/smpte336m
# application/soap+fastinfoset
# application/soap+xml
application/sparql-query
application/sparql-results+xml
# application/spirits-event+xml
# application/sql
application/srgsgram
application/srgs+xml
application/sru+xml
application/ssdl+xml
application/ssml+xml
# application/tamp-apex-update
# application/tamp-apex-update-confirm
# application/tamp-community-update
# application/tamp-community-update-confirm
# application/tamp-error
# application/tamp-sequence-adjust
# application/tamp-sequence-adjust-confirm
# application/tamp-status-query
# application/tamp-status-response
# application/tamp-update
# application/tamp-update-confirm
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application/thraud+xml
# application/timestamp-query
# application/timestamp-reply
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# application/tve-trigger
# application/ulpfec
# application/urc-grpsheet+xml
# application/urc-ressheet+xml
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# application/urc-uisocketdesc+xml
# application/vcard+json
# application/vcard+xml
# application/vemmi
# application/vividence.scriptfile
# application/vnd.api+json
application/vnd.apple.installer+xml
application/vnd.apple.mpegurl.m3u8
# application/vnd.arastra.swi
application/vnd.aristanetworks.swi
# application/vnd.artsquare
application/vnd.astraea-software.iota
application/vnd.audiographd
# application/vnd.autopackage
# application/vnd.avistar+xml
# application/vnd.balsamiq.bmml+xml
# application/vnd.balsamiq.bmpr
# application/vnd.bekitzur-stech+xml
# application/vnd.biopax.rdf+xml
application/vnd.blueice.multipass
# application/vnd.bluetooth.ep.oob
# application/vnd.bluetooth.le.oob
application/vnd.bmi
application/vnd.businessobjects
# application/vnd.cab-jscript
# application/vnd.canon-cpdl
# application/vnd.canon-lips
# application/vnd.cendio.thinlinc.clientconf
# application/vnd.century-systems.tcp_stream
application/vnd.chemdraw+xml
# application/vnd.chess-pgn
application/vnd.chipnuts.karaoke-mmd
application/vnd.cinderella
# application/vnd.cirpack.isdn-ext
# application/vnd.citationstyles.style+xml
application/vnd.claymore
application/vnd.cloanto.rp9
application/vnd.clonk.c4group
application/vnd.cluetrust.cartomobile-config
application/vnd.cosmocaller
application/vnd.crick.clicker
application/vnd.crick.clicker.keyboard
application/vnd.crick.clicker.palette
# application/vnd.coffeescript
# application/vnd.collection+json
# application/vnd.collection.doc+json
# application/vnd.collection.next+json
# application/vnd.comicbook+zip
# application/vnd.commerce-battelle
application/vnd.commonsccsp
application/vnd.contact.cmsg
# application/vnd.coreos.ignition+json
application/vnd.cosmocaller
application/vnd.crick.clicker
application/vnd.crick.clicker.keyboard
application/vnd.crick.clicker.palette
# application/whoispp-response
application/widgetwgt
application/winhlphlp
# application/wita
# application/wordperfect5.1
application/wsd+xml\napplication/xmlwsdl
application/wspolicy+xml\napplication/x-7z-compressed7z
application/x-abiwordabw
application/x-ace-compressedace
# application/x-amf
application/x-apple-diskimagedmg
application/x-authorware-binaab x32 u32 vox
application/x-authorware-mapaaam
application/x-authorware-segaas
application/x-bcpiobcpio
application/x-bittorrenttorrent
application/x-blrbblib blorb
application/x-bzipbz
application/x-bzips2z2 boz
application/x-cbrchr cba cht cbr cb7
application/x-cdlinkvcd
application/x-efss-pressedefcfs
application/x-chatchat
application/x-chess-pngpngn
# application/x-compress
application/x-conferencencse
application/x-cpiocpio
application/x-cshcsh
application/x-debian-packagedeb udeb
application/x-dgc-compresseddgc
application/x-directordir dcr dxr est cct cxt w3d fgd swa
application/x-doomwad
application/x-dtbncx+xml\napplication/xmlncx
application/x-dtbook+xml\nxml\napplication/x-dtbrsource+xm\nres
application/x-dvidvi
application/x-envoyevy
application/x-evaeva
application/x-font-bdf\nbf
# application/x-font-dos
# application/x-font-framemaker
application/x-font-ghostscriptgsf
# application/x-font-libgrx
application/x-font-linux-psf\npsf
application/x-font-ototof\napplication/x-font-pcfpcf
application/x-font-snf\nsnf
# application/x-font-speedo
# application/x-font-sunos-news
application/x-font-ttf ttc
application/x-font-type1 pfa pfb pfm afm
# application/x-font-vfont
application/x-freearc arc
application/x-futuresplash spl
application/x-gca-compressed gca
application/x-glu xulx
application/x-gnumeric gnumeric
application/x-gramps-xml gramps
application/x-gtar gtar
# application/x-gzip
application/x-hdf hdf
application/x-install-instructions install
application/x-iso9660-image iso
application/x-java-jnlp-file jnlp
application/x-latex latex
application/x-lzh-compressed lzh lha
application/x-miemie
application/x-mobipocket-ebook mobi
application/x-ms-application application
application/x-ms-shortcutlnk
application/x-ms-wmd wmd
application/x-ms-wmz wmz
application/x-xbap xbap
application/x-mssql server
application/x-msschedule scd
application/x-msterminal trm
application/x-mswrite wri
application/x-msschedule scd
application/x-netcdf nc cdf
application/x-nzb nzb
application/x-pkcs12 p12 pfx
application/x-pkcs7-certificate spc
application/x-pkcs7-certreqresp
application/x-rar-compressed
application/x-shane
application/x-xnxs
application/x-shar shar
application/x-shockwave-flash swf
application/yang
application/yin+xml
application/zip
# application/zlib
# application/ld-interleaved-parityfec
# application/32kadpcm
# audio/3gpp
# audio/3gpp2
# audio/ac3
audio/adpcm
# audio/amr
# audio/amr-wb
# audio/amr-wb+
# audio/aptx
# audio/asc
# audio/atrac-advanced-lossless
# audio/atrac-x
# audio/atrac3
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# audio/bv16
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
  jar/org/springframework/http/mime.types
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  jar/org/springframework/web/client/ResourceAccessException.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
  jar/org/springframework/web/HttpMediaTypeNotAcceptableException.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
  jar/org/springframework/web/jsf/DelegatingPhaseListenerMulticaster.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
  jar/org/springframework/web/bind/MissingServletRequestParameterException.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
  jar/org/springframework/web/context/ContextCleanupListener.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
  jar/org/springframework/web/context/ConfigurableWebEnvironment.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
  jar/org/springframework/web/jsf/DecoratingNavigationHandler.java
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/http/server/reactive/TomcatHttpHandlerAdapter.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
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jar/org/springframework/http/server/reactive/AbstractListenerServerHttpResponse.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
jar/org/springframework/http/client/reactive/ClientHttpRequestDecorator.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
jar/org/springframework/http/codec/support/DefaultClientCodecConfigurer.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
jar/org/springframework/web/context/support/GenericWebApplicationContext.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
jar/org/springframework/http/codec/ServerSentEventHttpMessageReader.java

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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-
jar/org/springframework/http/codec/ServerSentEventHttpMessageReader.java
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/util/UriComponentsBuilder.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/http/codec/json/Jackson2CodecSupport.java
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 */

/**
 * Return the web session for the current request. Always guaranteed to return an instance either matching to the session id requested by the client, or with a new session id either because the client did not specify one or because the underlying session had expired. Use of this method does not automatically create a session. See {@link WebSession} for more details.
 */

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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/http/client/AbstractClientHttpRequestFactoryWrapper.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/bind/annotation/RequestMethod.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/http/converter/HttpMessageConversionException.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/request/DestructionCallbackBindingListener.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/context/request/RequestContextListener.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/bind/support/SpringWebConstraintValidatorFactory.java
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/server/WebFilterChain.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/cors/CorsUtils.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1-jar/org/springframework/web/filter/OncePerRequestFilter.java

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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/http/client/support/InterceptingHttpAccessor.java
* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/multipart/support/RequestPartServletServerHttpRequest.java
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/http/codec/xml/JaxbContextContainer.java
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/server/context/MethodArgumentNotValidException.java
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* /opt/cola/permits/1136662309_1613850100.41/0/spring-web-5-1-6-release-sources-1.jar/org/springframework/web/multipart/support/StringMultipartFileEditor.java
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1.2700 certifi 2018.4.16

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c-a-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities (CA). These were automatically extracted from Mozilla's root certificates file (certdata.txt). This file can be found in the mozilla source tree:

It contains the certificates in PEM format and therefore can be directly used with curl / libcurl / php_curl, or with an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.2701 byte-buddy 1.9.16

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1Nnet/bytebuddy/asm/Advice$ArgumentHandler$ForInstrumentedMethod$Default$CopyingFnet/bytebuddy/asm/Advice$ArgumentHandler$ForInstrumentedMethod$DefaultAdvice.java5Lnet/bytebuddy/build/HashCodeAndEqualsPlugin$Enhance+(net/bytebuddy/asm/Advice$ArgumentHandler$ForInstrumentedMethod$DefaultAdvice;instrumentedMethod4Lnet/bytebuddy/description/method/MethodDescription;exitType/Lnet/bytebuddy/description/type/TypeDefinitio

namedTypesVLjava/util/TreeMap<Ljava/lang/String;Lnet/bytebuddy/description/type/TypeDefinition>;>=:Lnet/bytebuddy/description/type/TypeDefinition;>:Ljava/util/TreeMap;enterTypeargument(I)I01/2="$%

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1.2702 wildfly-weld-ejb 14.0.1.Final

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*/
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }
}
/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */

public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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```

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 */
import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;

}

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<head>
<meta name="generator" content="HTML Tidy, see www.w3.org" />
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<link rel="stylesheet" type="text/css" href="/StyleSheets/base.css" />
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1.2710 lucene 7.7.2

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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
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  jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/ssl/OpenSslX509TrustManager.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/ssl/OpenSslSession.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/flush/package-info.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
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* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/ssl/PemValue.java
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  jar/io/netty/handler/ssl/Java8SslUtils.java
* /opt/cola/permits/1104729481_1604648810.18/0/netty-handler-4-1-53-final-sources-
  jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
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</pre>
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Ext headers  GL/glestonh   Khronos
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1.2716 kerberos 1.15.1

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cmd/krb5/slave/kpropd_rpc.c
lib/gss_mechs/mech_krb5/et/kdb5_err.c
lib/gss_mechs/mech_spnego/mach/gssapiP_spnego.h
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lib/gssapi/mechglue/g_acquire_cred.c
lib/gssapi/mechglue/g_canon_name.c
lib/gssapi/mechglue/g_compare_name.c
lib/gssapi/mechglue/g_context_time.c
lib/gssapi/mechglue/g_delete_sec_context.c
lib/gssapi/mechglue/g_dsp_name.c
lib/gssapi/mechglue/g_dsp_status.c
lib/gssapi/mechglue/g_dup_name.c
lib/gssapi/mechglue/g_exp_sec_context.c
lib/gssapi/mechglue/g_export_name.c
lib/gssapi/mechglue/g_glue.c
lib/gssapi/mechglue/g_imp_name.c
lib/gssapi/mechglue/g_imp_sec_context.c
lib/gssapi/mechglue/g_init_sec_context.c
lib/gssapi/mechglue/g_initialize.c
lib/gssapi/mechglue/g_inquire_context.c
lib/gssapi/mechglue/g_inquire_cred.c
lib/gssapi/mechglue/g_inquire_names.c
lib/gssapi/mechglue/g_process_context.c
lib/gssapi/mechglue/g_rel_buffer.c
lib/gssapi/mechglue/g_rel_cred.c
lib/gssapi/mechglue/g_rel_name.c
lib/gssapi/mechglue/g_rel_oid_set.c
lib/gssapi/mechglue/g_seal.c
lib/gssapi/mechglue/g_sign.c
lib/gssapi/mechglue/g_store_cred.c
lib/gssapi/mechglue/g_unseal.c
lib/gssapi/mechglue/g_userok.c
lib/gssapi/mechglue/g_utils.c
lib/gssapi/mechglue/g_verify.c
lib/gssapi/mechglue/gssd_pname_to_uid.c
lib/gssapi/mechglue/mglueP.h
lib/gssapi/mechglue/oid_ops.c
lib/gssapi/spnego/gssapiP_spnego.h
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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/auth/callback/ExtendedChoiceCallback.java
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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/auth/callback/SocketAddressCallback.java
* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/auth/callback/ParameterCallback.java
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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/auth/callback/ExtendedCallback.java
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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/auth/server/RealmInfo.java
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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1.11.2-final-sources-jar/org/wildfly/security/auth/server/callback/EvidenceDecodePrincipalCallback.java
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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1.11.2-final-sources-jar/org/wildfly/security/auth/server/event/SecurityRealmUnavailableEvent.java
* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1.11.2-final-sources-jar/org/wildfly/security/auth/server/event/Rfc5424SyslogEvent.java

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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/authz/Roles.java  
* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/auth/callback/IdentityCredentialCallback.java  
* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/credential/source/CredentialSource.java  
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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/auth/callback/MechanismInformationCallback.java  
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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/authz/AddPrefixRoles.java
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* /opt/cola/permits/1265208075_1643886440.88/0/wildfly-elytron-auth-server-1-11-2-final-sources-jar/org/wildfly/security/authz/AddSuffixRoles.java

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/**
 * <p>Returns a {@link PermissionVerifier} with all the permissions associated with the given information.
 * </p>
 * <p>Once returned, client code can use the {@link PermissionVerifier#implies(Permission}) to check if a given
 * permission is granted or not</p>
 * <p>to the given principal. Implementors must make sure that the returned collection is immutable.</p>
 * <p>@param permissionMappable the object to which permissions can be mapped (must not be { @code null})
 * @param roles a set of effective roles after all role mapping was applied by security domain (may be { @code
 * null})</p>
 * <p>@return a permission verifier (not { @code null})</p>
 */

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  jar/com/google/auto/common/AnnotationMirrors.java
* /opt/cola/permits/1261933227_1643332019.7/0/auto-common-0-4-sources-
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  jar/com/google/auto/common/MoreTypes.java
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  jar/com/google/auto/common/SuperficialValidation.java
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1.2724 image-size 1.2.0

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1.2725 markupsafe 2.1.0

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Metadata-Version: 2.1
Name: MarkupSafe
Version: 2.1.0
Summary: Safely add untrusted strings to HTML/XML markup.
Home-page: https://palletsprojects.com/p/markupsafe/
Author: Armin Ronacher
Author-email: armin.ronacher@active-4.com
Maintainer: Pallets
Maintainer-email: contact@palletsprojects.com
MarkupSafe

=======

MarkupSafe implements a text object that escapes characters so it is safe to use in HTML and XML. Characters that have special meanings are replaced so that they display as the actual characters. This mitigates injection attacks, meaning untrusted user input can safely be displayed on a page.

Installing

--------

Install and update using `pip`:

.. code-block:: text

    pip install -U MarkupSafe


Examples

-------

.. code-block:: python
>>> from markupsafe import Markup, escape

>>> # escape replaces special characters and wraps in Markup
>>> escape("&lt;script&gt;alert(document.cookie);&lt;/script&gt;")
Markup('&lt;script&gt;alert(document.cookie);&lt;/script&gt;')

>>> # wrap in Markup to mark text "safe" and prevent escaping
>>> Markup("&lt;strong&gt;Hello&lt;/strong&gt;")
Markup('&lt;strong&gt;hello&lt;/strong&gt;')

>>> escape(Markup("&lt;strong&gt;Hello&lt;/strong&gt;"))
Markup('&lt;strong&gt;hello&lt;/strong&gt;')

>>> # Markup is a str subclass
>>> # methods and operators escape their arguments
>>> template = Markup("Hello &lt;em&gt;{name}&lt;/em&gt;")
>>> template.format(name="World")
Markup('Hello &lt;em&gt;World&lt;/em&gt;')

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-----

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- Documentation: https://markupsafe.palletsprojects.com/
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- PyPI Releases: https://pypi.org/project/MarkupSafe/
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[metadata]
name = MarkupSafe
version = attr: markupsafe.__version__
url = https://palletsprojects.com/p/markupsafe/
project_urls =
  Donate = https://palletsprojects.com/donate
  Documentation = https://markupsafe.palletsprojects.com/
  Changes = https://markupsafe.palletsprojects.com/changes/
  Source Code = https://github.com/pallets/markupsafe/
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author = Armin Ronacher
author_email = armin.ronacher@active-4.com
maintainer = Pallets
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long_description_content_type = text/x-rst
classifiers =
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  Intended Audience :: Developers
  License :: OSI Approved :: BSD License
  Operating System :: OS Independent
  Programming Language :: Python
  Topic :: Internet :: WWW/HTTP :: Dynamic Content
  Topic :: Text Processing :: Markup :: HTML

[options]
packages = find:
  package_dir = = src
  include_package_data = True
  python_requires = >= 3.7

[options.packages.find]
where = src

[tool:pytest]
testpaths = tests
filterwarnings =
  error

[coverage:run]
branch = True
source =
markupsafe
tests

[coverage:paths]
source =
src
*/site-packages

[flake8]
select = B, E, F, W, B9, ISC
ignore =
E203
E501
E722
W503
max-line-length = 80

[mypy]
files = src/markupsafe
python_version = 3.7
show_error_codes = True
disallow_subclassing_any = True
disallow_untyped_calls = True
disallow_untyped_defs = True
disallow_incomplete_defs = True
no_implicit_optional = True
local_partial_types = True
no_implicit_reexport = True
strict_equality = True
warn_redundant_casts = True
warn_unused_configs = True
warn_unused_ignores = True
warn_return_any = True
warn_unreachable = True

[egg_info]
tag_build =
tag_date = 0

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1.2726 python-requests 2.25.1
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1.2727 weld-probe-core 3.0.5.Final

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<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<title>Weld Probe HTML Client - List of Dependencies and Licenses</title>

<style type="text/css">
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    border-collapse: collapse;
  }  
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  }
</style>

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 * As of 2010/06/11, this method is identical to the (package private) hash
 * method in OpenJDK 7's java.util.HashMap class.
 */

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* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
  jar/org/apache/commons/codec/package.html
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
  jar/org/apache/commons/codec/overview.html
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  jar/org/apache/commons/codec/digest/DigestUtils.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
  jar/org/apache/commons/codec/net/URLCodec.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
  jar/org/apache/commons/codec/Encoder.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
  jar/org/apache/commons/codec/net/StringEncodings.java
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  jar/org/apache/commons/codec/net/QCodec.java
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* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
  jar/org/apache/commons/codec/language/RefinedSoundex.java
* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-
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* /opt/cola/permits/1135953634_1613641193.46/0/commons-codec-1-3-sources-1-

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## -*-makefile-*-

## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD)
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))
## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<
%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \n| sed \"s/(\$*)\(.*\)o\[.\]\[ -s \$[ ]\]\[ -f \$[ ]\]\n > \$@;\" | rm -f \$@'
%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \n| sed \"s/(\$*)\(.*\)o\[.\]\[ -s \$[ ]\]\[ -f \$[ ]\]\n > \$@;\" | rm -f \$@'

## Versioned libraries rules
%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ & & ln -s {$F} $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ & & ln -s {*F}.$(SO).$(SO).$(SO_TARGET_VERSION) $@

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Julian Seward, jseward@bzip.org
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DRuntime: Runtime Library for the D Programming Language

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Version 3.1, 31 March 2009

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1.2740 e2fsprogs 1.42.9 16.el7

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Index: tdbsa/tdb.c

--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)

-   Unix SMB/CIFS implementation.
+   trivial database library - standalone version

-   trivial database library - private includes
-
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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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This is the Debian GNU/Linux prepackaged version of the static EXT2 file system consistency checker (e2fsck.static). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>.

Sources were obtained from http://sourceforge.net/projects/e2fsprogs

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This package was put together by Yann Dirson <dirson@debian.org>, from sources obtained from a mirror of:
tsx-11.mit.edu:/pub/linux/packages/ext2fs/

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# This is a Makefile stub which handles the creation of BSD shared libraries.

# In order to use this stub, the following makefile variables must be defined.

# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)

all:: image
real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic
image::$(BSD_LIB)

$(BSD_LIB): $(OBJS)
(cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS) $(OBJS))
$(MV) pic/$(BSD_LIB) .
$(RM) -f ../$(BSD_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'"/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
@$(INSTALL_PROGRAM) $(BSD_LIB) 
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB) 
@-$(LDCONFIG)
install-strip: install

install-shlibs-strip: install-shlibs

uninstall-shlibs uninstall::
$(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$(RM) -rf pic
$(RM) -f $(BSD_LIB)
$(RM) -f ../$(BSD_LIB)

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Theodore Ts'o
23-June-2007

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table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
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That's all there is to it!
This is the Debian GNU/Linux prepackaged version of the EXT2 file system utilities (e2fsck, mke2fs, etc.). The EXT2 utilities were written by Theodore Ts'o <tytso@mit.edu> and Remy Card <card@masi.ibp.fr>. 

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*/
/**
 * Creates a new JSRInliner. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #JSRInlinerAdapter(int, MethodVisitor, int, String, String, String, String[])}
 * version.
 *
 * @param mv
 * the <code>MethodVisitor</code> to send the resulting inlined
 * method code to (use <code>null</code> for none).
 * @param access
 * the method's access flags (see {@link Opcodes}). This
 * parameter also indicates if the method is synthetic and/or
 * deprecated.
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type}).
 * @param signature
 * the method's signature. May be <tt>null</tt>.
 * @param exceptions
 * the internal names of the method's exception classes (see
 * @link Type#getName() getName()). May be
 * <tt>null</tt>.
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

Found in path(s):
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-
jar/org/objectweb/asm/commons/JSRInlinerAdapter.java
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/**
 * Creates a new {@link GeneratorAdapter}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the
 * {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
 * version.
 *
 * @param mv
 * the method visitor to which this adapter delegates calls.
 * @param access
 * the method's access flags (see {@link Opcodes}).
 * @param name
 * the method's name.
 * @param desc
 * the method's descriptor (see {@link Type}).
 * @throws IllegalStateException
 * If a subclass calls this constructor.
 */

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*
/**
 * Constructs a new {@link Textifier}. <i>Subclasses must not use this
 * constructor</i>. Instead, they must use the {@link #Textifier(int)}
 * version.
 * @throws IllegalStateException
 *    If a subclass calls this constructor.
 */
/**
 * Constructs a new [ @link ClassNode]. Subclasses must not use this
 * constructor. Instead, they must use the [ @link #ClassNode(int)]
 * version.
 *
 * @throws IllegalStateException
 *         If a subclass calls this constructor.
 */

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/**
 * Constructs a new {@link LocalVariableAnnotationNode}. <i>Subclasses must not use this constructor</i>. Instead, they must use the
 * { @link #LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String) } version.
 *
 * @param typeRef
 * a reference to the annotated type. See { @link TypeReference}.  
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * <tt>null</tt> if the annotation targets 'typeRef' as a whole.
 * @param start
 * the fist instructions corresponding to the continuous ranges
 * that make the scope of this local variable (inclusive).
 * @param end
 * the last instructions corresponding to the continuous ranges
 * that make the scope of this local variable (exclusive). This
 * array must have the same size as the 'start' array.
 * @param index
 * the local variable's index in each range. This array must have
 * the same size as the 'start' array.
 * @param desc
 * the class descriptor of the annotation class.
 */

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  jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java
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  jar/org/objectweb/asm/xml/SAXFieldAdapter.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-
  jar/org/objectweb/asm/xml/Processor.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-
  jar/org/objectweb/asm/xml/SAXCodeAdapter.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-
  jar/org/objectweb/asm/xml/SAXClassAdapter.java
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* {@link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
* version.
*
* @param owner
* the owner's class name.
* @param access
* the method's access flags (see {@link Opcodes}).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see {@link Type}).
* @param mv
* the method visitor to which this adapter delegates calls. May
* be <tt>null</tt>.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8.jar/org/objectweb/asm/AnnotationVisitor.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8.jar/org/objectweb/asm/ByteVector.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8.jar/org/objectweb/asm/tree/FrameNode.java
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* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8.jar/org/objectweb/asm/tree/FieldNode.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8.jar/org/objectweb/asm/tree/InnerClassNode.java
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* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8.jar/org/objectweb/asm/commons/CodeSizeEvaluator.java
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* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-jar/org/objectweb/asm/tree/analysis/BasicValue.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-jar/org/objectweb/asm/tree/VarInsnNode.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-jar/org/objectweb/asm/tree/TableSwitchInsnNode.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-jar/org/objectweb/asm/tree/JumpInsnNode.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-jar/org/objectweb/asm/tree/analysis/SourceValue.java
* /opt/cola/permits/1145063382_1631418106.09/0/asm-5-0-4-sources-8-jar/org/objectweb/asm/tree/FieldVisitor.java
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* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/util/ThreadHints.java

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jar/com/lmax/disruptor/EventReleaser.java
* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/EventReleaseAware.java

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jar/com/lmax/disruptor/AggregateEventHandler.java
* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/EventFactory.java
* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/SequenceReportingEventHandler.java
* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-
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jar/com/lmax/disruptor/IgnoreExceptionHandler.java
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* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/BatchEventProcessor.java
* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-
jar/com/lmax/disruptor/dsl/ExceptionHandlerSetting.java
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* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/InsufficientCapacityException.java
* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/Cursored.java
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* /opt/cola/permits/1005594541_1646171709.07/0/disruptor-3-4-2-sources-jar/com/lmax/disruptor/SequenceGroups.java
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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free
libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.
1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.
However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.
8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

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10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

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through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.
You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

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[This is the first released version of the Lesser GPL.  It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for the program authors to satisfy, and the program distributors to convey, to the end users--these are what make the library "free for all".
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For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
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there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.

Finally, software patents pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
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libraries into non-free programs.

When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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++++++++++++++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffb5d) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog.
targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using
patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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## 1.2762 eventlet 0.33.0

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## 1.2763 rsync 3.1.2 10.el7

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* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/CtClass.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/scopedpool/SoftValueHashMap.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/ClassLoader.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/rmi/RemoteRef.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/MethodInsn.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/Opcode.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/rmi/AppletServer.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/stackmap/TypeData.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/BadBytecode.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/BinExpr.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/rmi/AppletServer.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/Opcode.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/AccessFlag.java
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jar/javassist/tools/web/Webserver.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/stackmap/BasicBlock.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/StackMapTable.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/ClassFile.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/CannotCompileException.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/SyntheticAttribute.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/JvstCodeGen.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/AssignExpr.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/CtNewMethod.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/reflect/Compiler.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/ClassClassPath.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/ByteStream.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/ASTList.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/util/proxy/MethodHandler.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/FieldInfo.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/NewExpr.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/convert/Transformer.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/stackmap/TypeTag.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/InstructionPrinter.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/scopedpool/ScopedClassPoolRepository.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/CtBehavior.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/expr/Cast.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/analysis/Subroutine.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/ConstPool.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/TypedBlock.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/stackmap/TypedBlock.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/TypedBlock.java

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* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/ByteArray.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/analysis/Type.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/ast/Pair.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/compiler/KeywordTable.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/stackmap/MapMaker.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/ClassFileWriter.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/expr/ExprEditor.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/rmi/RemoteException.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/convert/TransformBefore.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/CtClassType.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/expr/Expr.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/tools/reflect/ClassMetaobject.java

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* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0.javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/FloatMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /opt/cola/permits/1135902035_1613627706.92/0/javassist-3-21-0-ga-sources-5-
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1.2772 aesh-readline 1.10

1.2773 hornetq-client 2.3.0.CR1

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1.2775 apache-log4j 1.2.17

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version = 3.0.1
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project_urls =
  Documentation = https://wtforms.readthedocs.io/
  Code = https://github.com/wtforms/wtforms
  Issue Tracker = https://github.com/wtforms/wtforms/issues
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maintainer_email = davidism@gmail.com
description = Form validation and rendering for Python web development.
long_description = file: README.rst
long_description_content_type = text/x-rst
classifiers =
    Development Status :: 5 - Production/Stable
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    Intended Audience :: Developers
    License :: OSI Approved :: BSD License
    Operating System :: OS Independent
    Programming Language :: Python
    Topic :: Internet :: WWW/HTTP :: Dynamic Content

[options]
packages = find:
    package_dir = = src
    include_package_data = true
    python_requires = >= 3.7
    setup_requires = Babel >= 2.6.0
    install_requires = MarkupSafe

[options.packages.find]
where = src

[options.extras_require]
email = email_validator

[extract_messages]
copyright_holder = WTForms Team
input_paths = src/wtforms
output_file = src/wtforms/locale/wtforms.pot

[init_catalog]
input_file = src/wtforms/locale/wtforms.pot
output_dir = src/wtforms/locale/
domain = wtforms

[update_catalog]
input_file = src/wtforms/locale/wtforms.pot
output_dir = src/wtforms/locale/
domain = wtforms
update-header-comment = true
no-fuzzy-matching = true
ignore-obsolete = true

[compile_catalog]
directory = src/wtforms/locale/
domain = wtforms
statistics = true

[tool:pytest]
testpaths = tests
filterwarnings = error

[coverage:run]
branch = true
source = wtforms

[coverage:paths]
source =
src .tox/*/site-packages

[coverage:report]
exclude_lines =
pragma: no cover
except ImportError:

[flake8]
select = B, E, F, W, B9, ISC
ignore =
E203
E501
E722
W503
max-line-length = 80
per-file-ignores =
**/__init__.py: F401, F403

[egg_info]
tag_build =
tag_date = 0

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Metadata-Version: 2.1
Name: WTForms
Version: 3.0.1
Summary: Form validation and rendering for Python web development.
Home-page: https://wtforms.readthedocs.io/
Maintainer: WTForms
WTForms
========

WTForms is a flexible forms validation and rendering library for Python web development. It can work with whatever web framework and template engine you choose. It supports data validation, CSRF protection, internationalization (I18N), and more. There are various community libraries that provide closer integration with popular frameworks.

Installation
-------------

Install and update using pip:

.. code-block:: text

    pip install -U WTForms

Third-Party Library Integrations
--------------------------------

WTForms is designed to work with any web framework and template engine. There are a number of community-provided libraries that make integrating with frameworks even better.

- `Flask-WTF` integrates with the Flask framework. It can automatically load data from the request, uses Flask-Babel to translate based on user-selected locale, provides full-application
CSRF, and more.
- `WTForms-Alchemy` provides rich support for generating forms from
  SQLAlchemy models, including an expanded set of fields and
  validators.
- `WTForms-SQLAlchemy` provides ORM-backed fields and form generation
  from SQLAlchemy models.
- `WTForms-AppEngine` provides ORM-backed fields and form generation
  from AppEnding db/ndb schema
- `WTForms-Django` provides ORM-backed fields and form generation
  from Django models, as well as integration with Django's I18N
  support.
- `Starlette-WTF` integrates with Starlette and the FastAPI
  framework, based on the features of Flask-WTF.

.. _Flask-WTF: https://flask-wtf.readthedocs.io/
.. _WTForms-Alchemy: https://wtforms-alchemy.readthedocs.io/
.. _WTForms-SQLAlchemy: https://github.com/wtforms/wtforms-sqlalchemy
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/**
* Constructs a new [@link Textifier]. <i>Subclasses must not use this
* constructor</i>. Instead, they must use the [@link Textifier(int)]
* version.
* @throws IllegalStateException
* If a subclass calls this constructor.
*/

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/***
* Creates a new [@link AnalyzerAdapter]. <i>Subclasses must not use this
* constructor.</i>. Instead, they must use the
* { @link #AnalyzerAdapter(int, String, int, String, String, MethodVisitor)}
* version.
*
* @param owner
*     the owner's class name.
* @param access
*     the method's access flags (see { @link Opcodes}).
* @param name
*     the method's name.
* @param desc
*     the method's descriptor (see { @link Type Type}).
* @param mv
*     the method visitor to which this adapter delegates calls. May
*     be <tt>null</tt>.
* @throws IllegalStateException
*     If a subclass calls this constructor.
*/

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*/
/**
 * Constructs a new LocalVariableAnnotationNode. <i>Subclasses must
 * not use this constructor</i>. Instead, they must use the
 * LocalVariableAnnotationNode(int, TypePath, LabelNode[], LabelNode[], int[], String)
 * version.
 *
 * @param typeRef
 * a reference to the annotated type. See TypeReference.
 *
 * @param typePath
 * the path to the annotated type argument, wildcard bound, array
 * element type, or static inner type within 'typeRef'. May be
 * null if the annotation targets 'typeRef' as a whole.
 *
 * @param start
 * the fist instructions corresponding to the continuous ranges
 * that make the scope of this local variable (inclusive).
 *
 * @param end
 * the last instructions corresponding to the continuous ranges
 * that make the scope of this local variable (exclusive). This
 * array must have the same size as the 'start' array.
 *
 * @param index
 * the local variable's index in each range. This array must have
 * the same size as the 'start' array.
* @param desc
*      the class descriptor of the annotation class.
* /

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  jar/org/objectweb/asm/util/ASMifiable.java
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/**
* Constructs a new [ClassNode](#ClassNode). <i>Subclasses must not use this
* constructor</i>. Instead, they must use the [ClassNode(int)]
* version.
* @throws IllegalStateException
*         If a subclass calls this constructor.
*/

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  jar/org/objectweb/asm/optimizer/shrink-frames.properties
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  jar/org/objectweb/asm/optimizer/shrink-annotations.properties
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*/

/**
 * Creates a new JSRInliner. <i>Subclasses must not use this constructor</i>. Instead, they must use the
 * [JSRInlinerAdapter(int, MethodVisitor, int, String, String, String[], String[])]
 * version.
 *
 * @param mv
 *            the <code>MethodVisitor</code> to send the resulting inlined
 *            method code to (use <code>null</code> for none).
 * @param access
 *            the method's access flags (see [Opcodes]). This
 *            parameter also indicates if the method is synthetic and/or
 *            deprecated.
 * @param name
 *            the method's name.
 * @param desc
 *            the method's descriptor (see [Type]).
 * @param signature
 *            the method's signature. May be <tt>null</tt>.
 * @param exceptions
 *            the internal names of the method's exception classes (see
 *            [Type#getName()]). May be <tt>null</tt>.
 * @throws IllegalStateException
 *            If a subclass calls this constructor.
 */

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*/
/****
* Creates a new {@link GeneratorAdapter}. ©Subclasses must not use this
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* {@link #GeneratorAdapter(int, MethodVisitor, int, String, String)}
* version.
* *
* @param mv
* the method visitor to which this adapter delegates calls.
* @param access
* the method's access flags (see {@link Opcodes}).
* @param name
* the method's name.
* @param desc
* the method's descriptor (see {@link Type Type}).
* @throws IllegalStateException
* If a subclass calls this constructor.
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AUTHOR

David H. Munro wrote Yorick and Gist. Berkeley Yacc (byacc) generated the Yorick parser. The routines in Math are from LAPACK and FFTPACK; MathC contains C translations by David H. Munro. The algorithms for Yorick's random number generator and several special functions in Yorick/include were taken from Numerical Recipes by Press, et. al., although the Yorick implementations are unrelated to those in Numerical Recipes. A small amount of code in Gist was adapted from the X11R4 release, copyright M.I.T. -- the complete copyright notice may be found in the (unused) file Gist/host.c.

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1.2791 jboss-ejb-api 1.0.2.Final

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com.fasterxml.jackson.dataformat.smile.SmileFactory

Found in path(s):
* /opt/cola/permits/1000808141_1646171509.52/0/jackson-dataformat-smile-2-8-11-sources-jar/META-INF/services/com.fasterxml.jackson.core.JsonFactory

1.2793 libxslt 1.1.28-6.el7

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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/util/proxy/ProxyFactory.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/util/proxy/ProxyObjectOutputStream.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/analysis/FramePrinter.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/rmi/ObjectImporter.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/CodeGen.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/reflect/Compiler.java
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jar/javassist/tools/reflect/CannotInvokeException.java
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jar/javassist/bytecode/stackmap/TypeData.java
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* /opt/cola/permits/110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-
jar/javassist/SerialVersionUID.java
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jar/javassist/tools/proxy/SerializedProxy.java
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jar/javassist/bytecode/annotation/AnnotationImpl.java
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jar/javassist/compiler/DeprecatedAttribute.java
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jar/javassist/bytecode/Mnemonic.java
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jar/javassist/compiler/ast/CondExpr.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/TypeChecker.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/StackMap.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/expr/MethodCall.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/ByteStream.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/ProceedHandler.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/reflect/CannotCreateException.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/AnnotationsAttribute.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/reflect/CannotReflectException.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/compiler/Lex.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/expr/Handler.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/LongVector.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/reflect/CannotReflectException.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/Compiler/Lex.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/expr/Handler.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/tools/reflect/CannotReflectException.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/LongVector.java

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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/MemberValue.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/ClassMemberValue.java
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* /opt/cola/permits/1110677174_1606843766.77/0/javassist-3-18-1-ga-sources-3-jar/javassist/bytecode/annotation/ByteMemberValue.java

1.2795 resteasy-jax-rs 3.6.1.Final
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/**
 * Encodes and decodes to and from Base64 notation.
 * Homepage: http://iharder.net/base64.
 * Example:
 * String encoded = Base64.encode( myByteArray );
 * byte[] myByteArray = Base64.decode( encoded );
 * The <tt>options</tt> parameter, which appears in a few places, is used to pass
 * several pieces of information to the encoder. In the "higher level" methods such as
 * encodeBytes( bytes, options ) the options parameter can be used to indicate such
 * things as first gzipping the bytes before encoding them, not inserting linefeeds,
 * and encoding using the URL-safe and Ordered dialects.
 * Note, according to RFC3548, Section 2.1, implementations should not add line feeds unless explicitly told
 * to do so. I've got Base64 set to this behavior now, although earlier versions
 * broke lines by default.
 * The constants defined in Base64 can be OR-ed together to combine options, so you
 * might make a call like this:
 * String encoded = Base64.encodeBytes( mybytes, Base64.GZIP | Base64.DO_BREAK_LINES );
 * to compress the data before encoding it and then making the output have newline characters.
 * Also...
 * String encoded = Base64.encodeBytes( crazyString.getBytes() );
 * Change Log:
 * v2.3.7 - Fixed subtle bug when base 64 input stream contained the
 * value 01111111, which is an invalid base 64 character but should not
 * throw an ArrayIndexOutOfBoundsException either. Led to discovery of
 * mishandling (or potential for better handling) of other bad input
 * characters. You should now get an IOException if you try decoding
 * something that has bad characters in it.
 * v2.3.6 - Fixed bug when breaking lines and the final byte of the encoded
 * string ended in the last column; the buffer was not properly shrunk and
 * contained an extra (null) byte that made it into the string.
 * v2.3.5 - Fixed bug in encodeFromFile where estimated buffer size
 * was wrong for files of size 31, 34, and 37 bytes.
 * v2.3.4 - Fixed bug when working with gzipped streams whereby flushing
 * the Base64.OutputStream closed the Base64 encoding (by padding with equals
 * signs) too soon. Also added an option to suppress the automatic decoding
 * of gzipped streams. Also added experimental support for specifying a
 * class loader when using the
 * @link #decodeToObject(java.lang.String, int, java.lang.ClassLoader)
* method.</li>
* v2.3.3 - Changed default char encoding to US-ASCII which reduces the internal Java footprint with its CharEncoders and so forth. Fixed some javadocs that were inconsistent. Removed imports and specified things like java.io.IOException explicitly inline.</li>
* v2.3.2 - Reduced memory footprint! Finally refined the "guessing" of how big the final encoded data will be so that the code doesn't have to create two output arrays: an oversized initial one and then a final, exact-sized one. Big win when using the [@link #encodeBytesToBytes(byte[])] family of methods (and not using the gzip options which uses a different mechanism with streams and stuff).</li>
* v2.3.1 - Added [@link #encodeBytesToBytes(byte[], int, int, int)] and some similar helper methods to be more efficient with memory by not returning a String but just a byte array.</li>
* v2.3 - **This is not a drop-in replacement!** This is two years of comments and bug fixes queued up and finally executed. Thanks to everyone who sent me stuff, and I'm sorry I wasn't able to distribute your fixes to everyone else. Much bad coding was cleaned up including throwing exceptions where necessary instead of returning null values or something similar. Here are some changes that may affect you:
* v2.2.1 - Fixed bug using URL_SAFE and ORDERED encodings. Fixed bug when using very small files (~< 40 bytes).</li>
* v2.2 - Added some helper methods for encoding/decoding directly from one file to the next. Also added a main() method to support command line encoding/decoding from one file to the next. Also added these Base64 dialects:
* RFC3548 format.
* Calling Base64.setFormat(Base64.BASE64_FORMAT.URLSAFE_FORMAT) generates URL and file name friendly format as described in Section 4 of RFC3548.
* http://www.faqs.org/rfcs/rfc3548.html
* Calling Base64.setFormat(Base64.BASE64_FORMAT.ORDERED_FORMAT) generates
* URL and file name friendly format that preserves lexical ordering as described
* in http://www.faqs.org/qa/rfc1940.html
* 
* Special thanks to Jim Kellerman at http://www.powerset.com/ for contributing the new Base64 dialects.
* 
* v2.1 - Cleaned up javadoc comments and unused variables and methods. Added
* some convenience methods for reading and writing to and from files.
* v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems
* with other encodings (like EBCDIC).
* v2.0.1 - Fixed an error when decoding a single byte, that is, when the
* encoded data was a single byte.
* v2.0 - I got rid of methods that used booleans to set options.
* Now everything is more consolidated and cleaner. The code now detects
* when data that's being decoded is gzip-compressed and will decompress it
* automatically. Generally things are cleaner. You'll probably have to
* change some method calls that you were making to support the new
* options format (int s that you "OR" together).
* v1.5.1 - Fixed bug when decompressing and decoding to a
* byte[] using decode( String s, boolean gzipCompressed ). This allowed encoding in the Output Stream so
* you can turn on and off the encoding if you need to embed base64
* data in an otherwise "normal" stream (like an XML file).
* v1.5 - Output stream passes on flush() command but doesn't do anything itself.
* This helps when using GZIP streams.
* Added the ability to GZip-compress objects before encoding them.
* v1.4 - Added helper methods to read/write files.
* v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
* v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream
* where last buffer being read, if not completely full, was not returned.
* v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
* v1.3.3 - Fixed I/O streams which were totally messed up.
* 
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* Please visit http://iharder.net/base64 for updates or to contribute improvements.

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/**
 * Any exception thrown by a MessageBodyWriter chain that is not an instance of a WriterException is caught internally
 * by the Resteasy runtime and wrapped with an instance of WriterException.
 *
 * If you want to have special exception handling for exceptions thrown by MessageBodyWriters and their interceptors, then write an exception
 * mapper for WriterException.
 *
 * Also, you may extend this class and throw instances of it from your MessageBodyWriters (and interceptors)
 *
 * @author <a href="mailto:bill@burkecentral.com">Bill Burke</a>
 * @version $Revision: 1$
 */

Found in path(s):
* /opt/cola/permits/1110677246_1606843651.0/0/resteasy-jaxrs-3-6-1-final-sources-2-jar/org/jboss/resteasy/spi/WriterException.java

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/**
 * Any exception thrown by a MessageBodyReader chain that is not an instance of a ReaderException is caught internally
 * by the Resteasy runtime and wrapped with an instance of ReaderException.
 *
 * If you want to have special exception handling for exceptions thrown by MessageBodyReaders, then write an exception
 * mapper for ReaderException.
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/**
 * A {@link WebApplicationContext} that can be used to bootstrap itself from a contained
 * {@link ServletWebServerFactory} bean.
 *<p>
 * This context will create, initialize and run an {@link WebServer} by searching for a
 * single {@link ServletWebServerFactory} bean within the {@link ApplicationContext}
 * itself. The {@link ServletWebServerFactory} is free to use standard Spring concepts
 * (such as dependency injection, lifecycle callbacks and property placeholder variables).
 *<p>
 * In addition, any {@link Servlet} or {@link Filter} beans defined in the context will be
 * automatically registered with the web server. In the case of a single Servlet bean, the
 * '/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
 * name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
 * always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').
 *<p>
 * For more advanced configuration, the context can instead define beans that implement
 * the {@link ServletContextInitializer} interface (most often
 * {@link ServletRegistrationBean}s and/or {@link FilterRegistrationBean}s). To prevent
 * double registration, the use of {@link ServletContextInitializer} beans will disable
 * automatic Servlet and Filter bean registration.
 *<p>
 * Although this context can be used directly, most developers should consider using the
 * {@link AnnotationConfigServletWebServerApplicationContext} or
 * {@link XmlServletWebServerApplicationContext} variants.
/*
 * @author Phillip Webb
 * @author Dave Syer
 * @see AnnotationConfigServletWebServerApplicationContext
 * @see ServletWebServerFactory
 */

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* /opt/cola/permits/1148131470_1638235388.49/0/spring-boot-2-1-2-release-sources-2-jar/org/springframework/boot/context/properties/source/IterableConfigurationPropertySource.java
* /opt/cola/permits/1148131470_1638235388.49/0/spring-boot-2-1-2-release-sources-2-jar/org/springframework/boot/context/properties/bind/BindResult.java
* /opt/cola/permits/1148131470_1638235388.49/0/spring-boot-2-1-2-release-sources-2-jar/org/springframework/boot/task/TaskExecutorBuilder.java
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* /opt/cola/permits/1148131470_1638235388.49/0/spring-boot-2-1-2-release-sources-2-jar/org/springframework/boot/diagnostics/analyzer/BeanCurrentlyInCreationFailureAnalyzer.java
* /opt/cola/permits/1148131470_1638235388.49/0/spring-boot-2-1-2-release-sources-2-jar/org/springframework/boot/diagnostics/analyzer/BindFailureAnalyzer.java
* /opt/cola/permits/1148131470_1638235388.49/0/spring-boot-2-1-2-release-sources-2-jar/org/springframework/boot/web/servlet/support/ErrorPageFilter.java
* /opt/cola/permits/1148131470_1638235388.49/0/spring-boot-2-1-2-release-sources-2-jar/org/springframework/boot/builder/ParentContextCloserApplicationListener.java
* /opt/cola/permits/1148131470_1638235388.49/0/spring-boot-2-1-2-release-sources-2-jar/org/springframework/boot/context/properties/bind/BindException.java
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1.2814 keystonauth1 4.4.0

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1.2815 wildfly-elytron-client 1.11.2.Final

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1.2817 log-rotate 3.8.6 19.el7

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jar/org/opensaml/xacml/policy/impl/AttributeValueUnmarshaller.java
**1.2831 jline-terminal-jansi 3.5.2**

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* /opt/cola/permits/1265208352_1643886636.52/0/jline-terminal-jansi-3-5-2-sources.jar/org/jline/terminal/impl/jansi/JansiSupportImpl.java
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* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/CtPrimitiveType.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/compiler/ast/FieldDecl.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/analysis/MultiArrayType.java
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<tr>
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* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/util/proxy/SerializedProxy.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/compiler/AccessorMaker.java

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* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/StringMemberValue.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/LongMemberValue.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/EnumMemberValue.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/MemberValueVisitor.java
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* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /opt/cola/permits/1136663351_1613850030.82/0/javassist-3-23-1-ga-sources-2-jar/javassist/bytecode/annotation/ClassMemberValue.java
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1.2833 libpcap 1.5.3 11.el7

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1.2834 wildfly-elytron-audit 1.11.2.Final

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<tr>
<td>Device drivers</td>
<td>src/mesa/drivers/*</td>
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Ext headers
- GL/glext.h        Khronos
- GL/glxext.h       Khronos
- GL/wglext.h       Khronos
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-----------------------------------------------

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```
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```

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--------
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converted to python May 2008
by Eli Collins

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---
The source file `passlib/crypto/des.py` contains code derived from
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modified April 2001
by Iris Van den Broeke, Daniel Deville

modified Aug 2005
by Greg Wilkins (gregw)

converted to python Jun 2009
by Eli Collins

**jBCrypt**
--------
The source file `passlib/crypto/_blowfish/base.py` contains code derived from `jBcrypt 0.2 <http://www.mindrot.org/projects/jBCrypt>`_
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* /opt/cola/permits/1135953508_1613640887.59/0/woodstox-core-5-0-3-3-jar/META-INF/maven/com.fasterxml.woodstox/woodstox-core/pom.xml

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Manifest-Version: 1.0
Bnd-LastModified: 1472011116283
Build-Jdk: 1.7.0_79
Built-By: tatu
Bundle-Description: Woodstox is a high-performance XML processor that implements Stax (JSR-173), SAX2 and Stax2 APIs
Bundle-DocURL: https://github.com/FasterXML/woodstox
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Woodstox
Bundle-SymbolicName: com.fasterxml.woodstox.woodstox-core
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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 procfs provides functions to retrieve system, kernel and process metrics from the pseudo-filesystem proc.

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Extensions for Protocol Buffers to create more go like structures.

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http://github.com/gogo/protobuf/gogoproto

Go support for Protocol Buffers - Google's data interchange format

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\[ \text{jpg } "\text{Clone me," says Dolly sheepishly.} \]

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***********************************************************************

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46. [50] Nick Sayer <mrapple@quack.kfu.com> SunOS streams modules
47. [51] Jack Sasportas <jack@innovativeinternet.com> Saved a Lot of space on the stuff in the html/pic/ subdirectory
48. [52] Ray Schnitzler <schnitz@unipress.com> Unixware V port
49. [53] Michael Shields <shields@tembel.org> USNO clock driver
50. [54] Jeff Steinman <jss@pebbles.jpl.nasa.gov> Datum PTS clock driver
51. [55] Harlan Stenn <harlan@pfcs.com> GNU automake/autoconfigure makeover, various other bits (see the ChangeLog)
52. [56] Kenneth Stone <ken@sdd.hp.com> HP-UX port
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size: 8388608, sector size: 512, PT: dos, offset: 446, id=0x8f8378c0
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Initialize empty image

```
f1c9645dbc14efddc7d8a322685f26eb bsd.img
```

Create new DOS partition table

```
57c721e38d1266c2df055067c18f2cf9 bsd.img
```

---layout---------

<table>
<thead>
<tr>
<th>ts_dev__</th>
<th>10 MB, 10485760 bytes, 20480 sectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units</td>
<td>sectors of 1 * 512 = 512 bytes</td>
</tr>
<tr>
<td>Sector size (logical/physical):</td>
<td>512 bytes / 512 bytes</td>
</tr>
<tr>
<td>I/O size (minimum/optimal):</td>
<td>512 bytes / 512 bytes</td>
</tr>
<tr>
<td>Disk label type:</td>
<td>dos</td>
</tr>
<tr>
<td>Disk identifier:</td>
<td>0x00000001</td>
</tr>
</tbody>
</table>

Create 1st primary partition

```
ada64ace122978d00d1d1c0e5ee45d26 bsd.img
```

---layout---------

<table>
<thead>
<tr>
<th>ts_dev__</th>
<th>10 MB, 10485760 bytes, 20480 sectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Units</td>
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<td>Sector size (logical/physical):</td>
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</tr>
<tr>
<td>I/O size (minimum/optimal):</td>
<td>512 bytes / 512 bytes</td>
</tr>
<tr>
<td>Disk label type:</td>
<td>dos</td>
</tr>
<tr>
<td>Disk identifier:</td>
<td>0x00000001</td>
</tr>
</tbody>
</table>

Create 2st primary partition
1bebf87248e05d6e4e62b749da65d023 bsd.img
Set 2nd partition type
2d8e8dff51a88a045db233418dd73f6e bsd.img

---layout--------
__ts_dev__: 10 MB, 10485760 bytes, 20480 sectors
Units = sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk label type: dos
Disk identifier: 0x00000001

        Device Boot Start   End    Blocks   Id  System
__ts_dev__1  2048   4095    1024   83  Linux
__ts_dev__2  4096  20479    8192  a5  FreeBSD

-------------------
Create default BSD
2e1cee529cb59c9341afe0443f196a1 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):

BSD disklabel command (m for help):
4 partitions:
#    start   end      size     fstype   [fsize bsize cpg]
c:  4096  20479    16384    unused        0     0
  d:    0  16064    16064    unused        0     0

BSD disklabel command (m for help):
Command (m for help):

-------------------

b5c121c2091b2ff26b880551feac7112 bsd.img

---layout--------

Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Command (m for help):
bsd disklabel command (m for help):
4 partitions:
#  start  end    size  fstype     [fsise bsize cpg]
a:  4096  6144  2049  4.2BSD  0  0  0
c:  4096  20479 16384    unused 0  0
d:  0  16064  16065    unused 0  0

bsd disklabel command (m for help):
command (m for help):
-------------------
changes will remain in memory only, until you decide to write them.
be careful before using the write command.

command (m for help):

bsd disklabel command (m for help):
0  unused    5  4.1bsd    9  4.4lfs  d  boot
1  swap      6  eighth edition  a  unknown e  ados
2  version 6    7  4.2bsd  b  hpfs  f  hfs
3  version 7    8  ms-dos  c  iso-9660 10  advfs
4  system v

bsd disklabel command (m for help):

1.2851 perl-srpm-macros 1 8.el7

1.2852 systemd 219-78.el7_9.5

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* the Mozilla project has been developed by David Einstein
* (Deinst@world.std.com). David and I are now
* working on parallel development tracks to help
* our respective projects (Mozilla and OpenOffice.org
* and we will maintain full affix file and dictionary
* file compatibility and work on merging our versions
* of MySpell back into a single tree. David has been
* a significant help in improving MySpell.
* 
* Special thanks also go to La'iszlo' Ne'meth
* <nemethl@gyorsposta.hu> who is the author of the
* Hungarian dictionary and who developed and contributed
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* and fixed numerous problems with the encoding
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* /opt/cola/permits/1001043329_1646171575.62/0/super-csv-2-4-0-sources-jar/org/supercsv/io/AbstractCsvWriter.java
* /opt/cola/permits/1001043329_1646171575.62/0/super-csv-2-4-0-sources-jar/org/supercsv/io/ICsvListReader.java
* /opt/cola/permits/1001043329_1646171575.62/0/super-csv-2-4-0-sources-jar/org/supercsv/cellprocessor/constraint/Unique.java
* /opt/cola/permits/1001043329_1646171575.62/0/super-csv-2-4-0-sources-jar/org/supercsv/io/ICsvBeanWriter.java
* /opt/cola/permits/1001043329_1646171575.62/0/super-csv-2-4-0-sources-jar/org/supercsv/cellprocessor/constraint/IsIncludedIn.java
* /opt/cola/permits/1001043329_1646171575.62/0/super-csv-2-4-0-sources-jar/org/supercsv/io/ICsvMapWriter.java
* /opt/cola/permits/1001043329_1646171575.62/0/super-csv-2-4-0-sources-jar/org/supercsv/encoder/CsvEncoder.java
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  jar/org/wildfly/security/sasl/SaslMechanismSelector.java
* /opt/cola/permits/1265207573_1643915531.14/0/wildfly-elytron-sasl-1-11-2-final-sources-
  jar/org/wildfly/security/sasl/SaslMechanismPredicate.java

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* /opt/cola/permits/1148130814_1646350036.62/0/msgpack-0-6-8-sources-1-jar/org/msgpack/packer/BufferPacker.java
* /opt/cola/permits/1148130814_1646350036.62/0/msgpack-0-6-8-sources-1-jar/org/msgpack/packer/BufferPacker.java
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* /opt/cola/permits/1148130814_1646350036.62/0/msgpack-0-6-8-sources-1-jar/org/msgpack/type/FloatValue.java
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* /opt/cola/permits/1148130814_1646350036.62/0/msgpack-0-6-8-sources-1-jar/org/msgpack/annotation/Beans.java
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  jar/org/apache/harmony/beans/internal/nls/Messages.java
* /opt/cola/permits/1148130814_1646350036.62/0/msgpack-0-6-8-sources-1-
  jar/org/msgpack/template/builder/beans/EventSetDescriptor.java
* /opt/cola/permits/1148130814_1646350036.62/0/msgpack-0-6-8-sources-1-
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  jar/org/msgpack/template/builder/beans/IndexedPropertyDescriptor.java
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  jar/org/apache/harmony/beans/Argument.java
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  jar/org/msgpack/template/builder/beans/SimpleBeanInfo.java
* /opt/ cola/permits/1148130814_1646350036.62/0/msgpack-0-6-8-sources-1-
  jar/org/msgpack/template/builder/beans/IntrospectionException.java
* /opt/cola/permits/1148130814_1646350036.62/0/msgpack-0-6-8-sources-1-
  jar/org/msgpack/template/builder/beans/PropertyVetoException.java
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*
* This class is ported from java.util.AbstractMap$SimpleImmutableEntry of
* https://github.com/OESF/OHA-Android-4.0.3_r1.0 (Apache License).
*/

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  jar/org/msgpack/util/android/PortedImmutableEntry.java
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Name: argparse
Version: 0.7.0
Summary: An optparse-inspired command-line parsing library
Home-page: http://argparse.python-hosting.com/
Author: Steven Bethard
Author-email: steven.bethard@gmail.com
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Description: Argparse takes the best of the optparse command-line parsing module
    and brings it new life. Argparse adds positional as well as
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Platform: UNKNOWN
Classifier: Development Status :: 3 - Alpha
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procset Adobe_CoolType_Utility_T42 1.0 0
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#
#***********************************************************************
#
# This file contains large and complex schemas obtained from open-source
# software projects. The schemas are parsed just to make sure that nothing
# breaks in the parser logic.
#
# These tests merely verify that the parse occurs without error.
# No attempt is made to verify correct operation of the resulting schema
# and statements.
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# Schema and query extracted from Skrooge.org.
#
do_test fuzz-oss1-skoogoe {
   # Schema and query extracted from Skrooge.org.
   #
   create_table parameters (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_uuid_parent
   TEXT NOT NULL DEFAULT "," t_name TEXT NOT NULL,t_value TEXT NOT NULL DEFAULT "," b_blob
   BLOB,d_lastmodifdate DATE NOT NULL DEFAULT CURRENT_TIMESTAMP,i_tmp INTEGER NOT NULL
   DEFAULT 0);
   create_table doctransaction (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT
   NOT NULL,t_mode VARCHAR(1) DEFAULT 'U' CHECK (t_mode IN ('U', 'R')),d_date DATE NOT
   NULL,t_savestep VARCHAR(1) DEFAULT 'N' CHECK (t_savestep IN ('Y', 'N')),i_parent INTEGER,
   t_refreshviews VARCHAR(1) DEFAULT 'Y' CHECK (t_refreshviews IN ('Y', 'N')));
   create_table doctransactionitem (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,rd_doctransaction_id
   INTEGER NOT NULL,i_object_id INTEGER NOT NULL,t_object_table TEXT NOT NULL,t_action VARCHAR(1)
   DEFAULT 'I' CHECK (t_action IN ('I', 'U', 'D')),t_sqlorder TEXT NOT NULL DEFAULT ");
   create_table doctransactionmsg (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,rd_doctransaction_id
   INTEGER NOT NULL,t_message TEXT NOT NULL DEFAULT "," t_popup VARCHAR(1)
   DEFAULT 'Y' CHECK (t_popup IN ('Y', 'N')));
   create_table unit (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT
   NULL,t_symbol TEXT NOT NULL DEFAULT "," t_country TEXT NOT NULL DEFAULT "," t_type VARCHAR(1)
   NOT NULL DEFAULT 'C' CHECK (t_type IN ('1', '2', 'C', 'S', 'T', 'O')),t_internet_code TEXT NOT NULL
   DEFAULT "," i_nbdecimal INT NOT NULL DEFAULT 2,rd_unit_id INTEGER NOT NULL DEFAULT 0, t_source
   TEXT NOT NULL DEFAULT ");
   create_table unitvalue (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,rd_unit_id
   INTEGER NOT NULL,d_date DATE NOT NULL,f_quantity FLOAT NOT NULL CHECK (f_quantity>0));
   create_table bank (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT
   NULL,t_bank_number TEXT NOT NULL DEFAULT "," t_icon TEXT NOT NULL DEFAULT ");
   create_table interest (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,rd_account_id
   INTEGER NOT NULL,d_date DATE NOT NULL,f_rate FLOAT NOT NULL CHECK
CREATE TABLE operation(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,i_group_id INTEGER NOT NULL DEFAULT 0,i_number INTEGER DEFAULT 0 CHECK (i_number>=0),d_date DATE NOT NULL DEFAULT '0000-00-00',rd_account_id INTEGER NOT NULL,t_mode TEXT NOT NULL DEFAULT ",r_payee_id INTEGER NOT NULL DEFAULT 0,t_comment TEXT NOT NULL DEFAULT ",rc_unit_id INTEGER NOT NULL,t_status VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_status IN ('N', 'P', 'Y')),t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')),t_imported VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_imported IN ('Y', 'N', 'P', 'T')),t_template VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_template IN ('Y', 'N')),t_import_id TEXT NOT NULL DEFAULT ",i_tmp INTEGER NOT NULL DEFAULT 0,r_recurrentoperation_id INTEGER NOT NULL DEFAULT 0);CREATE TABLE operationbalance(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,f_balance FLOAT NOT NULL DEFAULT 0,r_operation_id INTEGER NOT NULL);CREATE TABLE refund (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT NULL DEFAULT '',t_comment TEXT NOT NULL DEFAULT '',t_close VARCHAR(1) DEFAULT 'N' CHECK (t_close IN ('Y', 'N')));CREATE TABLE payee (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT NULL DEFAULT '',t_address TEXT NOT NULL DEFAULT '',t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')));CREATE TABLE suboperation(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_comment TEXT NOT NULL DEFAULT '',rd_operation_id INTEGER NOT NULL,r_category_id INTEGER DEFAULT 0,f_value FLOAT NOT NULL DEFAULT 0.0,i_tmp INTEGER NOT NULL DEFAULT 0,r_refund_id INTEGER NOT NULL DEFAULT 0,t_formula TEXT NOT NULL DEFAULT '');CREATE TABLE rule (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_description TEXT NOT NULL DEFAULT '',t_definition TEXT NOT NULL DEFAULT '',t_action_description TEXT NOT NULL DEFAULT '',t_action_definition TEXT NOT NULL DEFAULT '',t_action_type VARCHAR(1) DEFAULT 'S' CHECK (t_action_type IN ('S', 'U', 'A')),t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')));CREATE TABLE budget (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,rc_category_id INTEGER NOT NULL DEFAULT 0,t_including_subcategories TEXT NOT NULL DEFAULT 'N' CHECK (t_including_subcategories IN ('Y', 'N')));CREATE TABLE budgetcategory(id INTEGER NOT NULL DEFAULT 0,id_category INTEGER NOT NULL DEFAULT 0);CREATE TABLE budgetrule (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,rc_category_id INTEGER NOT NULL DEFAULT 0,t_category_condition TEXT NOT NULL DEFAULT 'Y' CHECK (t_category_condition IN ('Y', 'N')));
CREATE TABLE "recurrentoperation" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,d_date DATE NOT NULL DEFAULT '0000-00-00', rd_operation_id INTEGER NOT NULL,i_period_increment INTEGER NOT NULL DEFAULT 1 CHECK (i_period_increment>=0), t_period_unit TEXT NOT NULL DEFAULT 'M' CHECK (t_period_unit IN ('D', 'W', 'M', 'Y')), t_auto_write VARCHAR(1) DEFAULT 'Y' CHECK (t_auto_write IN ('Y', 'N')) , i_auto_write_days INTEGER NOT NULL DEFAULT 5 CHECK (i_auto_write_days>=0), t_warn VARCHAR(1) DEFAULT 'Y' CHECK (t_warn IN ('Y', 'N')) , i_warn_days INTEGER NOT NULL DEFAULT 5 CHECK (i_warn_days>=0), t_times VARCHAR(1) DEFAULT 'N' CHECK (t_times IN ('Y', 'N')) , i_nb_times INTEGER NOT NULL DEFAULT 1 CHECK (i_nb_times>=0));

CREATE TABLE "category" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT NULL DEFAULT '' CHECK (t_name NOT LIKE '% > %'), t_fullname TEXT, rd_category_id INT, t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')));

CREATE TABLE "account"(id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT NULL,t_number TEXT NOT NULL DEFAULT '', t_agency_number TEXT NOT NULL DEFAULT '', t_agency_address TEXT NOT NULL DEFAULT '', t_comment TEXT NOT NULL DEFAULT '', t_close VARCHAR(1) DEFAULT 'N' CHECK (t_close IN ('Y', 'N')) , t_type VARCHAR(1) NOT NULL DEFAULT 'C' CHECK (t_type IN ('C', 'D', 'A', 'I', 'L', 'W', 'O')) , t_bookmarked VARCHAR(1) NOT NULL DEFAULT 'N' CHECK (t_bookmarked IN ('Y', 'N')) , rd_bank_id INTEGER NOT NULL);

CREATE TABLE "node" (id INTEGER NOT NULL PRIMARY KEY AUTOINCREMENT,t_name TEXT NOT NULL DEFAULT '', t_fullname TEXT, t_icon TEXT DEFAULT '', f_sortorder FLOAT, t_autostart VARCHAR(1) DEFAULT 'N' CHECK (t_autostart IN ('Y', 'N')) , t_data TEXT, rd_node_id INT CONSTRAINT fk_id REFERENCES node(id) ON DELETE CASCADE);

CREATE TABLE vm_category_display_tmp(id INT, t_name TEXT, t_fullname TEXT, rd_category_id INT, t_bookmarked TEXT, i_NBOPERATIONS, f_REALCURRENTAMOUNT);

CREATE TABLE vm_budget_tmp(id INT, rc_category_id INT, t_including_subcategories TEXT, f_budgeted REAL, f_budgeted_modified REAL, f_transferred REAL, i_year INT, i_month INT, t_CATEGORY, t_PERIOD, f_CURRENTAMOUNT, t_RULES);

CREATE INDEX idx_doctransaction_parent ON doctransaction (i_parent);
CREATE INDEX idx_doctransactionitem_i_object_id ON doctransactionitem (i_object_id);
CREATE INDEX idx_doctransactionitem_t_object_table ON doctransactionitem (t_object_table);
CREATE INDEX idx_doctransactionitem_t_action ON doctransactionitem (t_action);
CREATE INDEX idx_doctransactionitem_rd_doctransaction_id ON doctransactionitem (rd_doctransaction_id);
CREATE INDEX idx_doctransactionitem_optimization ON doctransactionitem (rd_doctransaction_id, i_object_id, t_object_table, t_action, id);
CREATE INDEX idx_unit_unit_id ON unitvalue(rd_unit_id);
CREATE INDEX idx_account_bank_id ON account(rd_bank_id);
CREATE INDEX idx_account_type ON account(t_type);
CREATE INDEX idx_category_category_id ON category(rd_category_id);
CREATE INDEX idx_category_t_fullname ON category(t_fullname);
CREATE INDEX idx_operation_account_id ON operation (rd_account_id);
CREATE INDEX idx_operation_tmp1_found_transfert ON operation (rc_unit_id, d_date);
CREATE INDEX idx_operation_grouped_operation_id ON operation (i_group_id);
CREATE INDEX idx_operation_i_number ON operation (i_number);
CREATE INDEX idx_operation_i_tmp ON operation (i_tmp);
CREATE INDEX idx_operation_rd_account_id ON operation (rd_account_id);
CREATE INDEX idx_operation_rc_unit_id ON operation (rc_unit_id);
CREATE INDEX idx_operation_t_status ON operation (t_status);
CREATE INDEX idx_operation_t_import_id ON operation (t_import_id);
CREATE INDEX idx_operation_t_template ON operation (t_template);
CREATE INDEX idx_operation_d_date ON operation (d_date);
CREATE INDEX idx_operationbalance_operation_id ON operationbalance (r_operation_id);
CREATE INDEX idx_suboperation_operation_id ON suboperation (rd_operation_id);
CREATE INDEX idx_suboperation_i_tmp ON suboperation (i_tmp);
CREATE INDEX idx_suboperation_category_id ON suboperation (r_category_id);
CREATE INDEX idx_suboperation_refund_id_id ON suboperation (r_refund_id);
CREATE INDEX idx_recurrentoperation_rd_operation_id ON recurrentoperation (rd_operation_id);
CREATE INDEX idx_refund_close ON refund(t_close);
CREATE INDEX idx_interest_account_id ON interest (rd_account_id);
CREATE INDEX idx_rule_action_type ON rule(t_action_type);
CREATE INDEX idx_budget_category_id ON budget(rc_category_id);
CREATE INDEX idx_budgetcategory_id ON budgetcategory (id);
CREATE INDEX idx_budgetcategory_id_category ON budgetcategory (id_category);
CREATE UNIQUE INDEX uidx_parameters_uuid_parent_name ON parameters (t_uuid_parent, t_name);
CREATE UNIQUE INDEX uidx_node_parent_id_name ON node(t_name, rd_node_id);
CREATE UNIQUE INDEX uidx_node_fullname ON node(t_fullname);
CREATE UNIQUE INDEX uidx_unit_name ON unit(t_name);
CREATE UNIQUE INDEX uidx_unit_symbol ON unit(t_symbol);
CREATE UNIQUE INDEX uidx_unitvalue ON unitvalue (d_date, rd_unit_id);
CREATE UNIQUE INDEX uidx_bank_name ON bank(t_name);
CREATE UNIQUE INDEX uidx_account_name ON account(t_name);
CREATE UNIQUE INDEX uidx_category_parent_id_name ON category (t_name, rd_category_id);
CREATE UNIQUE INDEX uidx_category_fullname ON category (t_fullname);
CREATE UNIQUE INDEX uidx_refund_name ON refund (t_name);
CREATE UNIQUE INDEX uidx_payee_name ON payee (t_name);
CREATE UNIQUE INDEX uidx_interest ON interest (d_date, rd_account_id);
CREATE UNIQUE INDEX uidx_budget ON budget (i_year, i_month, rc_category_id);
CREATE VIEW v_node AS SELECT * FROM node;
CREATE VIEW v_node_displayname AS SELECT *, t_fullname AS t_displayname FROM node;
CREATE VIEW v_parameters_displayname AS SELECT *, t_name AS t_displayname FROM parameters;
Nom de la contrainte: fki_budgetrule_category_rc_category_id_target_id')  WHERE
NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL; END;
CREATE TRIGGER fku_budgetrule_category_rc_category_id_target_id BEFORE UPDATE ON budgetrule FOR EACH ROW BEGIN   SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilis par budgetrule)
Nom de la contrainte: fku_budgetrule_category_rc_category_id_target_id')   WHERE
NEW.rc_category_id_target!=0 AND NEW.rc_category_id_target!='' AND (SELECT id FROM category WHERE id = NEW.rc_category_id_target) IS NULL; END;
CREATE TRIGGER fkd_budgetrule_category_rc_category_id_target_id BEFORE DELETE ON category FOR EACH ROW BEGIN       SELECT RAISE(ABORT, 'Impossible de dttruire un objet (category est utilis par budgetrule)
Nom de la contrainte: fkd_budgetrule_category_rc_category_id_target_id')     WHERE (SELECT rc_category_id_target FROM budgetrule WHERE rc_category_id_target = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_category_category_rd_category_id_id BEFORE INSERT ON category FOR EACH ROW BEGIN   SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (category est utilis par category)
Nom de la contrainte: fki_category_category_rd_category_id_id')   WHERE NEW.rd_category_id!=0 AND NEW.rd_category_id!='' AND (SELECT id FROM category WHERE id = NEW.rd_category_id) IS NULL; END;
CREATE TRIGGER fku_category_category_rd_category_id_id BEFORE UPDATE ON category FOR EACH ROW BEGIN     SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilis par category)
Nom de la contrainte: fku_category_category_rd_category_id_id')       WHERE NEW.rd_category_id!=0 AND NEW.rd_category_id!='' AND (SELECT id FROM category WHERE id = NEW.rd_category_id) IS NULL; END;
CREATE TRIGGER fkdc_category_category_id_rd_category_id BEFORE DELETE ON category FOR EACH ROW BEGIN     DELETE FROM category WHERE category.rd_category_id = OLD.id; END;
CREATE TRIGGER fki_doctransactionitem_doctransaction_rd_doctransaction_id_id BEFORE INSERT ON doctransactionitem FOR EACH ROW BEGIN   SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (doctransaction est utilis par doctransactionitem)
Nom de la contrainte: fki_doctransactionitem_doctransaction_rd_doctransaction_id_id')   WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!='' AND (SELECT id FROM doctransaction WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fku_doctransactionitem_doctransaction_rd_doctransaction_id_id BEFORE UPDATE ON doctransactionitem FOR EACH ROW BEGIN     SELECT RAISE(ABORT, 'Impossible de modifier un objet (doctransaction est utilis par doctransactionitem)
Nom de la contrainte: fku_doctransactionitem_doctransaction_rd_doctransaction_id_id')       WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!='' AND (SELECT id FROM doctransaction WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fkdc_doctransaction_doctransactionitem_id_rd_doctransaction_id BEFORE DELETE ON doctransactionitem FOR EACH ROW BEGIN     DELETE FROM doctransactionitem WHERE doctransactionitem.rd_doctransaction_id = OLD.id; END;
CREATE TRIGGER fki_doctransactionmsg_doctransaction_rd_doctransaction_id_id BEFORE INSERT ON doctransactionmsg FOR EACH ROW BEGIN   SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (doctransaction est utilis par doctransactionmsg)
Nom de la contrainte: fki_doctransactionmsg_doctransaction_rd_doctransaction_id_id')   WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!='' AND (SELECT id FROM doctransaction WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fku_doctransactionmsg_doctransaction_rd_doctransaction_id_id BEFORE UPDATE ON doctransactionmsg FOR EACH ROW BEGIN     SELECT RAISE(ABORT, 'Impossible de modifier un objet (doctransaction est utilis par doctransactionmsg)
Nom de la contrainte: fku_doctransactionmsg_doctransaction_rd_doctransaction_id_id' WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!="" AND (SELECT id FROM doctransaction WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fkdc_doctransactionmsg_id_rd_doctransaction_id BEFORE DELETE ON doctransaction FOR EACH ROW BEGIN DELETE FROM doctransactionmsg WHERE doctransactionmsg.rd_doctransaction_id = OLD.id; END;
CREATE TRIGGER fki_doctransactionmsg_doctransactionmsg_id_rd_doctransaction_id BEFORE INSERT ON doctransactionmsg FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (account est utilisé par operation) Nom de la contrainte: fki_doctransactionmsg_doctransactionmsg_id_rd_doctransaction_id' WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!="" AND (SELECT id FROM doctransactionmsg WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fku_doctransactionmsg_doctransactionmsg_id_rd_doctransaction_id BEFORE UPDATE ON doctransactionmsg FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (account est utilisé par operation) Nom de la contrainte: fku_doctransactionmsg_doctransactionmsg_id_rd_doctransaction_id' WHERE NEW.rd_doctransaction_id!=0 AND NEW.rd_doctransaction_id!="" AND (SELECT id FROM doctransactionmsg WHERE id = NEW.rd_doctransaction_id) IS NULL; END;
CREATE TRIGGER fkdc_doctransactionmsg_doctransactionmsg_id_rd_doctransaction_id BEFORE DELETE ON doctransactionmsg FOR EACH ROW BEGIN DELETE FROM doctransactionmsg WHERE doctransactionmsg.rd_doctransaction_id = OLD.id; END;
CREATE TRIGGER fki_interest_account_rd_account_id_id BEFORE INSERT ON interest FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (account est utilisé par interest) Nom de la contrainte: fki_interest_account_rd_account_id_id' WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!="" AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fku_interest_account_rd_account_id_id BEFORE UPDATE ON interest FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (account est utilisé par interest) Nom de la contrainte: fku_interest_account_rd_account_id_id' WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!="" AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fkdc_interest_account_id_rd_account_id BEFORE DELETE ON account FOR EACH ROW BEGIN DELETE FROM interest WHERE interest.rd_account_id = OLD.id; END;
CREATE TRIGGER fki_node_node_rd_node_id_id BEFORE INSERT ON node FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (node est utilisé par node) Nom de la contrainte: fki_node_node_rd_node_id_id' WHERE NEW.rd_node_id!=0 AND NEW.rd_node_id!="" AND (SELECT id FROM node WHERE id = NEW.rd_node_id) IS NULL; END;
CREATE TRIGGER fku_node_node_rd_node_id_id BEFORE UPDATE ON node FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (node est utilisé par node) Nom de la contrainte: fku_node_node_rd_node_id_id' WHERE NEW.rd_node_id!=0 AND NEW.rd_node_id!="" AND (SELECT id FROM node WHERE id = NEW.rd_node_id) IS NULL; END;
CREATE TRIGGER fkdc_node_node_id_rd_node_id BEFORE DELETE ON node FOR EACH ROW BEGIN DELETE FROM node WHERE node.rd_node_id = OLD.id; END;
CREATE TRIGGER fki_operation_account_rd_account_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (account est utilisé par operation) Nom de la contrainte: fki_operation_account_rd_account_id_id' WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!="" AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fku_operation_account_rd_account_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (account est utilisé par operation) Nom de la contrainte: fku_operation_account_rd_account_id_id' WHERE NEW.rd_account_id!=0 AND NEW.rd_account_id!="" AND (SELECT id FROM account WHERE id = NEW.rd_account_id) IS NULL; END;
CREATE TRIGGER fkdc_account_operation_id_rd_account_id BEFORE DELETE ON account FOR EACH ROW BEGIN DELETE FROM operation WHERE operation.rd_account_id = OLD.id; END;
CREATE TRIGGER fki_operation_payee_r_payee_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (payee est utilisé par payee) Nom de la contrainte: fki_operation_payee_r_payee_id_id' WHERE NEW.r_payee_id!=0 AND NEW.r_payee_id!="" AND (SELECT id FROM payee WHERE id = NEW.r_payee_id) IS NULL; END;
CREATE TRIGGER fku_operation_payee_r_payee_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (payee est utilisé par payee) Nom de la contrainte: fku_operation_payee_r_payee_id_id' WHERE NEW.r_payee_id!=0 AND NEW.r_payee_id!="" AND (SELECT id FROM payee WHERE id = NEW.r_payee_id) IS NULL; END;
CREATE TRIGGER fkdc_payee_payee_id_r_payee_id_id BEFORE DELETE ON payee FOR EACH ROW BEGIN DELETE FROM operation WHERE operation.r_payee_id = OLD.id; END;
CREATE TRIGGER fki_operation_unit_rc_unit_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (unit est utilisé par operation) Nom de la contrainte: fki_operation_unit_rc_unit_id_id' WHERE NEW.rc_unit_id!=0 AND NEW.rc_unit_id!="" AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
CREATE TRIGGER fku_operation_unit_rc_unit_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilisé par operation) Nom de la contrainte: fku_operation_unit_rc_unit_id_id' WHERE NEW.rc_unit_id!=0 AND NEW.rc_unit_id!="" AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
CREATE TRIGGER fkdc_unit_unit_id_rc_unit_id_id BEFORE DELETE ON unit FOR EACH ROW BEGIN DELETE FROM operation WHERE operation.rc_unit_id = OLD.id; END;
CREATE TRIGGER fki_operation_unit_rc_unit_id_id BEFORE INSERT ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (unit est utilisé par operation) Nom de la contrainte: fki_operation_unit_rc_unit_id_id' WHERE NEW.rc_unit_id!=0 AND NEW.rc_unit_id!="" AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
CREATE TRIGGER fku_operation_unit_rc_unit_id_id BEFORE UPDATE ON operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilisé par operation) Nom de la contrainte: fku_operation_unit_rc_unit_id_id' WHERE NEW.rc_unit_id!=0 AND NEW.rc_unit_id!="" AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
Nom de la contrainte: fki_operation_unit_rc_unit_id_id' WHERE NEW.rc_unit_id!=0 AND NEW.rc_unit_id!=''
AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
CREATE TRIGGER fku_operation_unit_rc_unit_id_id BEFORE UPDATE ON operation FOR EACH ROW
BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilis par operation)
Nom de la contrainte: fku_operation_unit_rc_unit_id_id' WHERE NEW.rc_unit_id!=0 AND
NEW.rc_unit_id='" AND (SELECT id FROM unit WHERE id = NEW.rc_unit_id) IS NULL; END;
CREATE TRIGGER fkd_operation_unit_rc_unit_id_id BEFORE DELETE ON unit FOR EACH ROW BEGIN
SELECT RAISE(ABORT, 'Impossible de dtirer un objet (unit est utilis par operation)
Nom de la contrainte: fkd_operation_unit_rc_unit_id_id' WHERE (SELECT rc_unit_id FROM operation
WHERE rc_unit_id = OLD.id) IS NOT NULL; END;
CREATE TRIGGER fki_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE INSERT ON
operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (recurrentoperation
est utilis par operation)
Nom de la contrainte: fki_operation_recurrentoperation_r_recurrentoperation_id_id' WHERE
NEW.r_recurrentoperation_id!=0 AND NEW.r_recurrentoperation_id='" AND (SELECT id FROM
recurrentoperation WHERE id = NEW.r_recurrentoperation_id) IS NULL; END;
CREATE TRIGGER fku_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE UPDATE ON
operation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet
(recurrentoperation est utilis par operation)
Nom de la contrainte: fku_operation_recurrentoperation_r_recurrentoperation_id_id' WHERE
NEW.r_recurrentoperation_id!=0 AND NEW.r_recurrentoperation_id='" AND (SELECT id FROM
recurrentoperation WHERE id = NEW.r_recurrentoperation_id) IS NULL; END;
CREATE TRIGGER fkd_operation_recurrentoperation_r_recurrentoperation_id_id BEFORE DELETE ON
recurrentoperation FOR EACH ROW BEGIN UPDATE operation SET r_recurrentoperation_id=0 WHERE
r_recurrentoperation_id=OLD.id; END;
CREATE TRIGGER fki_operationbalance_operation_r_operation_id_id BEFORE INSERT ON operationbalance
FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (operation est utilis par
operationbalance)
Nom de la contrainte: fki_operationbalance_operation_r_operation_id_id' WHERE NEW.r_operation_id!=0 AND
NEW.r_operation_id='" AND (SELECT id FROM operation WHERE id = NEW.r_operation_id) IS NULL; END;
CREATE TRIGGER fku_operationbalance_operation_r_operation_id_id BEFORE UPDATE ON operationbalance
FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (operation est utilis par
operationbalance)
Nom de la contrainte: fku_operationbalance_operation_r_operation_id_id' WHERE NEW.r_operation_id!=0 AND
NEW.r_operation_id='" AND (SELECT id FROM operation WHERE id = NEW.r_operation_id) IS NULL; END;
CREATE TRIGGER fkd_operationbalance_operation_r_operation_id_id BEFORE DELETE ON operation FOR
EACH ROW BEGIN UPDATE operationbalance SET r_operation_id=0 WHERE r_operation_id=OLD.id; END;
CREATE TRIGGER fki_recurrentoperation_operation_rd_operation_id_id BEFORE INSERT ON
recurrentoperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (operation
est utilis par recurrentoperation)
Nom de la contrainte: fki_recurrentoperation_operation_rd_operation_id_id' WHERE NEW.rd_operation_id!=0 AND
NEW.rd_operation_id='" AND (SELECT id FROM operation WHERE id = NEW.rd_operation_id) IS NULL; END;
CREATE TRIGGER fku_recurrentoperation_operation_rd_operation_id_id BEFORE UPDATE ON
recurrentoperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet
(operation est utilis par recurrentoperation)
Nom de la contrainte: fku_recurrentoperation_operation_rd_operation_id_id' WHERE
NEW.rd_operation_id!=0 AND NEW.rd_operation_id!="" AND (SELECT id FROM operation WHERE id = NEW.rd_operation_id) IS NULL; END;
CREATE TRIGGER fkdc_operation_recurrentoperation_id_rd_operation_id BEFORE DELETE ON operation FOR EACH ROW BEGIN DELETE FROM recurrentoperation WHERE recurrentoperation.rd_operation_id = OLD.id; END;
CREATE TRIGGER fki_suboperation_operation_rd_operation_id_id BEFORE INSERT ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (operation est utilis par suboperation)
Nom de la contrainte: fki_suboperation_operation_rd_operation_id_id') WHERE NEW.rd_operation_id!=0 AND NEW.rd_operation_id!="" AND (SELECT id FROM operation WHERE id = NEW.rd_operation_id) IS NULL; END;
CREATE TRIGGER fku_suboperation_operation_rd_operation_id_id BEFORE UPDATE ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (operation est utilis par suboperation)
Nom de la contrainte: fku_suboperation_operation_rd_operation_id_id') WHERE NEW.rd_operation_id!=0 AND NEW.rd_operation_id!="" AND (SELECT id FROM operation WHERE id = NEW.rd_operation_id) IS NULL; END;
CREATE TRIGGER fkdc_operation_suboperation_id_rd_operation_id BEFORE DELETE ON operation FOR EACH ROW BEGIN DELETE FROM suboperation WHERE suboperation.rd_operation_id = OLD.id; END;
CREATE TRIGGER fku_suboperation_category_r_category_id_id BEFORE UPDATE ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (category est utilis par suboperation)
Nom de la contrainte: fku_suboperation_category_r_category_id_id') WHERE NEW.r_category_id!=0 AND NEW.r_category_id!="" AND (SELECT id FROM category WHERE id = NEW.r_category_id) IS NULL; END;
CREATE TRIGGER fkdc_operation_refund_r_refund_id_id BEFORE DELETE ON operation FOR EACH ROW BEGIN DELETE FROM refund WHERE refund.r_refund_id = OLD.id; END;
CREATE TRIGGER fku_suboperation_refund_r_refund_id_id BEFORE UPDATE ON suboperation FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (refund est utilis par suboperation)
Nom de la contrainte: fku_suboperation_refund_r_refund_id_id') WHERE NEW.r_refund_id!=0 AND NEW.r_refund_id!="" AND (SELECT id FROM refund WHERE id = NEW.r_refund_id) IS NULL; END;
CREATE TRIGGER fkdc_operation_unit_rd_unit_id_id BEFORE DELETE ON operation FOR EACH ROW BEGIN DELETE FROM unit WHERE unit.rd_unit_id = OLD.id; END;
CREATE TRIGGER fki_unit_unit_rd_unit_id_id BEFORE INSERT ON unit FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible d’ajouter un objet (unit est utilis par unit)
Nom de la contrainte: fki_unit_unit_rd_unit_id_id') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!="" AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;
CREATE TRIGGER fku_unit_unit_rd_unit_id_id BEFORE UPDATE ON unit FOR EACH ROW BEGIN SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilis par unit)
Nom de la contrainte: fku_unit_unit_rd_unit_id_id') WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!=""
CREATE TRIGGER fkdc_unit_unitid_rd_unit_id BEFORE DELETE ON unit FOR EACH ROW BEGIN
DELETE FROM unit WHERE unit.rd_unit_id = OLD.id; END;
CREATE TRIGGER fku_unitvalue_unit_rd_unit_id_id BEFORE UPDATE ON unitvalue FOR EACH ROW
BEGIN
SELECT RAISE(ABORT, 'Impossible de modifier un objet (unit est utilis par unitvalue)
Nom de la contrainte: fku_unitvalue_unit_rd_unit_id_id')
WHERE NEW.rd_unit_id!=0 AND NEW.rd_unit_id!="
AND (SELECT id FROM unit WHERE id = NEW.rd_unit_id) IS NULL; END;
CREATE TRIGGER fkdc_unit_unitvalue_id_rd_unit_id BEFORE DELETE ON unit FOR EACH ROW BEGIN
DELETE FROM unitvalue WHERE unitvalue.rd_unit_id = OLD.id; END;
CREATE TRIGGER fkdc_category_vm_category_display_tmp_id_rd_category_id BEFORE DELETE ON category FOR EACH ROW BEGIN
DELETE FROM vm_category_display_tmp WHERE vm_category_display_tmp.rd_category_id = OLD.id; END;
CREATE VIEW v_unit AS SELECT * FROM unitvalue;
CREATE VIEW v_suboperation AS SELECT * FROM suboperation;
CREATE VIEW v_operation_numbers AS SELECT DISTINCT i_number, rd_account_id FROM operation;
CREATE VIEW v_operation_next_numbers AS SELECT T1.i_number+1 AS i_number FROM v_operation_numbers AS T1 LEFT OUTER JOIN v_operation_numbers T2 ON T2.rd_account_id=T1.rd_account_id AND T2.i_number=T1.i_number+1 WHERE T1.i_number!=0 AND (T2.i_number IS NULL) ORDER BY T1.i_number;
CREATE VIEW v_operation_tmp1 AS SELECT *,(SELECT tPAYEE,(SELECT TOTAL(s.f_value) FROM suboperation s WHERE s.rd_operation_id=operation.ID) AS f_QUANTITY,(SELECT count(*) FROM suboperation s WHERE s.rd_operation_id=operation.ID) AS f_CURRENTAMOUNT from v_unit_tmp2;
CREATE VIEW v_unit AS SELECT *,v_unit_tmp2.f_LASTVALUE*IFNULL((SELECT s2.f_LASTVALUE FROM v_unit_tmp2 s2 WHERE s2.id=v_unit_tmp2.rd_unit_id) , 1) AS f_CURRENTAMOUNT from v_unit_tmp2;
CREATE VIEW v_operation_prop AS SELECT p.id AS i_PROPPID, p.t_name AS i_PROPPNAME, p.t_value AS i_PROPVALUE, op.* FROM v_operation_consolidated AS op LEFT OUTER JOIN parameters AS p ON p.t_uuid_parent=op.id||'-operation';
CREATE VIEW v_refund_delete AS SELECT *, (CASE WHEN EXISTS(SELECT 1 FROM v_operation_consolidated WHERE r_refund_id=refund.id AND t_status='Y') THEN 'Vous n’êtes pas autorisé à supprimer ce suiveur car utilisé par des opérations rapprochées' ELSE 'END' END) t_delete_message FROM refund;
CREATE VIEW v_refund AS SELECT *, (SELECT TOTAL(o.f_REALCURRENTAMOUNT) FROM v_operation_consolidated o WHERE o.r_refund_id=refund.id) AS f_CURRENTAMOUNT FROM refund;
CREATE VIEW v_refund_display AS SELECT *,(SELECT MIN(o.d_date) FROM v_operation_consolidated o WHERE o.r_refund_id=v_refund.id) AS d_FIRSTDATE, (SELECT MAX(o.d_date) FROM v_operation_consolidated o WHERE o.r_refund_id=v_refund.id) AS d_LASTDATE  FROM v_refund;
CREATE VIEW v_refund_displayname AS SELECT *, t_name AS t_displayname FROM refund;
CREATE VIEW v_payee_delete AS SELECT *, (CASE WHEN EXISTS(SELECT 1 FROM operation WHERE r_payee_id=payee.id AND t_status='Y') THEN 'Vous n’êtes pas autorisé à supprimer ce tiers car utilisé par des opérations rapprochées' ELSE 'END' END) t_delete_message FROM payee;
CREATE VIEW v_payee AS SELECT *, (SELECT TOTAL(o.f_CURRENTAMOUNT) FROM v_operation o WHERE o.r_payee_id=payee.id AND o.t_template='N') AS f_CURRENTAMOUNT FROM payee;
CREATE VIEW v_payee_display AS SELECT *  FROM v_payee;
CREATE VIEW v_payee_displayname AS SELECT *, t_name AS t_displayname FROM payee;
CREATE VIEW v_category_delete AS SELECT *, (CASE WHEN EXISTS(SELECT 1 FROM v_operation_consolidated WHERE (t_REALCATEGORY=category.t_fullname OR t_REALCATEGORY like category.t_fullname||' %') AND t_status='Y') THEN 'Vous n’êtes pas autorisé à supprimer cette catégorie car utilisée par des opérations rapprochées' ELSE 'END' END) t_delete_message FROM category;
CREATE VIEW v_category_display_tmp AS SELECT *, (SELECT count(distinct(so.rd_operation_id)) FROM operation o, suboperation so WHERE so.rd_operation_id=o.id AND so.r_category_id=v_category.ID AND o.t_template='N') AS i_NBOPERATIONS, (SELECT TOTAL(o.f_REALCURRENTAMOUNT) FROM v_operation_consolidated o WHERE o.i_IDCATEGORY=v_category.ID) AS f_REALCURRENTAMOUNT FROM v_category;
CREATE VIEW v_category_display AS SELECT *,f_REALCURRENTAMOUNT+(SELECT TOTAL(c.f_REALCURRENTAMOUNT) FROM vm_category_display_tmp c WHERE c.t_fullname LIKE vm_category_display_tmp.t_fullname||' %') AS f_SUMCURRENTAMOUNT, i_NBOPERATIONS+(SELECT CAST(TOTAL(c.i_NBOPERATIONS) AS INTEGER) FROM vm_category_display_tmp c WHERE c.t_fullname LIKE vm_category_display_tmp.t_fullname||' %') AS i_SUMNBOPERATIONS, (CASE WHEN t_bookmarked='Y' THEN 'Y' WHEN EXISTS(SELECT 1 FROM category c WHERE c.t_bookmarked='Y' AND c.t_fullname like vm_category_display_tmp.t_fullname||' %') THEN 'C' ELSE 'N' END) AS t_HASBOOKMARKEDCHILD, (CASE WHEN vm_category_display_tmp.f_REALCURRENTAMOUNT<0 THEN '-' WHEN vm_category_display_tmp.f_REALCURRENTAMOUNT>0 THEN '+' END) AS t_TYPEEXPENSE FROM v_category;
CREATE VIEW v_recurrentoperation_display AS SELECT rop.*, op.t_ACCOUNT, op.i_number, op.t_mode, op.i_group_id, op.t_TRANSFER, op.t_PAYEE, op.t_comment, op.tCATEGORY, op.t_status, op.f_CURRENTAMOUNT FROM v_recurrentoperation rop, v_operation_display_all AS op WHERE rop.rd_operation_id=op.ID;
CREATE VIEW v_rule AS SELECT *, (SELECT COUNT(1) FROM rule r WHERE r.f_sortorder<=rule.f_sortorder) AS i_ORDER FROM rule;
CREATE VIEW v_rule_displayname AS SELECT *, t_definition AS t_displayname FROM rule;
CREATE VIEW v_interest AS SELECT *, (SELECT s.t_name FROM account s WHERE s.id=interest.rd_account_id) AS t_ACCOUNT FROM interest;
CREATE VIEW v_interest_displayname AS SELECT *, STRFTIME('%d/%m/%Y',d_date)||' '||f_rate||'%' AS t_displayname FROM interest;
CREATE VIEW v_budgetrule AS SELECT *, IFNULL((SELECT s.t_fullname FROM category s WHERE s.id=budgetrule.rc_category_id),'') AS t_CATEGORYCONDITION, IFNULL((SELECT s.t_fullname FROM category s WHERE s.id=budgetrule.rc_category_id_target),'') AS t_CATEGORY, (CASE WHEN budgetrule.i_condition=-1 THEN 'Ngatif' WHEN budgetrule.i_condition=1 THEN 'Positif' WHEN budgetrule.i_condition=0 THEN 'Tous' END) AS t_WHENNLS, f_quantity||(CASE WHEN budgetrule.t_absolute='N' THEN '%' ELSE (SELECT t_symbol FROM unit WHERE t_type='1') END) AS t_WHATNLS, (CASE WHEN budgetrule.t_rule='N' THEN 'Suivant' WHEN budgetrule.t_rule='C' THEN 'Courant' WHEN budgetrule.t_rule='Y' THEN 'Annee' END) AS t_RULENLS FROM budgetrule;
CREATE VIEW v_budgetrule_display AS SELECT * FROM v_budgetrule;
CREATE VIEW v_budgetrule_displayname AS SELECT *, t_WHENNLS||' '||t_WHATNLS||' '||t_RULENLS||' '||t_CATEGORY AS t_displayname FROM v_budgetrule;
CREATE VIEW v_budget_tmp AS SELECT *, IFNULL((SELECT s.t_fullname FROM category s WHERE s.id=budget.rc_category_id),'') AS t_CATEGORY, (i_year||(CASE WHEN i_month=0 THEN '' WHEN i_month<10 THEN '-0'||i_month ELSE '-'||i_month END)) AS t_PERIOD, (SELECT TOTAL(o.f_REALCURRENTAMOUNT) FROM v_operation_consolidated o WHERE STRFTIME('%Y', o.d_date)=i_year AND (i_month=0 OR STRFTIME('%m', o.d_date)=i_month) AND o.i_IDCATEGORY IN (SELECT b2.id_category FROM budgetcategory b2 WHERE b2.id=budget.id)) AS f_CURRENTAMOUNT, (SELECT GROUP_CONCAT(v_budgetrule_displayname.t_displayname,',') FROM v_budgetrule_displayname WHERE (v_budgetrule_displayname.t_year_condition='N' OR budget.i_year=v_budgetrule_displayname.i_year) AND (v_budgetrule_displayname.t_month_condition='N' OR budget.i_month=v_budgetrule_displayname.i_month) AND (v_budgetrule_displayname.t_category_condition='N' OR budget.rc_category_id=v_budgetrule_displayname.rc_category_id) ORDER BY v_budgetrule_displayname.t_absolute DESC, v_budgetrule_displayname.id) AS t_RULES FROM budget;
CREATE VIEW v_budget AS SELECT *, (f_CURRENTAMOUNT-f_budgeted_modified) AS f_DELTABEFORETRANSFER, (f_CURRENTAMOUNT-f_budgeted_modified-f_transferred) AS f_DELTA FROM v_budget_tmp;
CREATE VIEW v_budget_display AS SELECT *, t_CATEGORIES||' '||t_PERIOD||' '||f_budgeted_modified AS t_displayname FROM v_budget;
CREATE TRIGGER fkdc_bank_parameters_uuid BEFORE DELETE ON bank FOR EACH ROW BEGIN DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'bank'; END;
CREATE TRIGGER fkdc_account_parameters_uuid BEFORE DELETE ON account FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'account'; END;
CREATE TRIGGER fkdc_unit_parameters_uuid BEFORE DELETE ON unit FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'unit'; END;
CREATE TRIGGER fkdc_unitvalue_parameters_uuid BEFORE DELETE ON unitvalue FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'unitvalue'; END;
CREATE TRIGGER fkdc_category_parameters_uuid BEFORE DELETE ON category FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'category'; END;
CREATE TRIGGER fkdc_operation_parameters_uuid BEFORE DELETE ON operation FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'operation'; END;
CREATE TRIGGER fkdc_interest_parameters_uuid BEFORE DELETE ON interest FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'interest'; END;
CREATE TRIGGER fkdc_suboperation_parameters_uuid BEFORE DELETE ON suboperation FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'suboperation'; END;
CREATE TRIGGER fkdc_refund_parameters_uuid BEFORE DELETE ON refund FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'refund'; END;
CREATE TRIGGER fkdc_payee_parameters_uuid BEFORE DELETE ON payee FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'payee'; END;
CREATE TRIGGER fkdc_recurrentoperation_parameters_uuid BEFORE DELETE ON recurrentoperation FOR 
EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'recurrrentoperation'; END;
CREATE TRIGGER fkdc_rule_parameters_uuid BEFORE DELETE ON rule FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'rule'; END;
CREATE TRIGGER fkdc_budget_parameters_uuid BEFORE DELETE ON budget FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'budget'; END;
CREATE TRIGGER fkdc_budgetrule_parameters_uuid BEFORE DELETE ON budgetrule FOR EACH ROW BEGIN 
DELETE FROM parameters WHERE parameters.t_uuid_parent=OLD.id||'-'||'budgetrule'; END;
CREATE TRIGGER cpt_category_fullname1 AFTER INSERT ON category BEGIN UPDATE category SET 
t_fullname=CASE WHEN rd_category_id IS NULL OR rd_category_id='' OR rd_category_id=0 THEN 
new.t_name ELSE (SELECT c.t_fullname FROM category c WHERE c.id=new.rd_category_id)||' > '||new.t_name 
END WHERE id=new.id;END;
CREATE TRIGGER cpt_category_fullname2 AFTER UPDATE OF t_name, rd_category_id ON category BEGIN UPDATE category SET 
t_fullname=CASE WHEN rd_category_id IS NULL OR rd_category_id=0 THEN 
new.t_name ELSE (SELECT c.t_fullname FROM category c WHERE c.id=new.rd_category_id)||' > '||new.t_name 
END WHERE id=new.id;END;
CREATE TRIGGER cpt_category_delete BEFORE DELETE ON category FOR EACH ROW BEGIN 
UPDATE suboperation SET r_category_id=OLD.rd_category_id WHERE r_category_id=OLD.id; END;
explain 
SELECT TOTAL(f_CURRENTAMOUNT), d_DATEMONTH 
FROM v_operation_display 
WHERE d_DATEMONTH IN ('2012-05', '2012-04') 
gROUP BY d_DATEMONTH, t_TYPEEXPENSE;
} ] } {/.* Goto .*/} 

# The next test requires FTS4
ifcapable !fts3 {

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finish_test
return
}

# Taken from the gnome-shell project
#
db close
forcedelete test.db
sqlite3 db test.db
do_test fuzz-oss1-gnomeshell {
  db eval {
    CREATE TABLE Resource (ID INTEGER NOT NULL PRIMARY KEY, Uri TEXT NOT NULL, UNIQUE (Uri));
    CREATE VIRTUAL TABLE fts USING fts4;
    CREATE TABLE "mfo:Action" (ID INTEGER NOT NULL PRIMARY KEY);
    CREATE TABLE "mfo:Enclosure" (ID INTEGER NOT NULL PRIMARY KEY, "mfo:remoteLink" INTEGER, "mfo:remoteLink:graph" INTEGER, "mfo:groupDefault" INTEGER, "mfo:groupDefault:graph" INTEGER, "mfo:localLink" INTEGER, "mfo:localLink:graph" INTEGER, "mfo:optional" INTEGER, "mfo:optional:graph" INTEGER);
    CREATE TABLE "mfo:FeedElement" (ID INTEGER NOT NULL PRIMARY KEY, "mfo:image" TEXT COLLATE NOCASE, "mfo:image:graph" INTEGER, "mfo:feedSettings" INTEGER, "mfo:feedSettings:graph" INTEGER);
    CREATE TABLE "mfo:FeedMessage" (ID INTEGER NOT NULL PRIMARY KEY, "mfo:downloadedTime" INTEGER, "mfo:downloadedTime:graph" INTEGER, "mfo:downloadedTime:localDate" INTEGER, "mfo:downloadedTime:localTime" INTEGER);
    CREATE TABLE "mfo:FeedMessage_mfo:enclosureList" (ID INTEGER NOT NULL, "mfo:enclosureList" INTEGER NOT NULL, "mfo:enclosureList:graph" INTEGER);
    CREATE TABLE "mfo:FeedType" (ID INTEGER NOT NULL PRIMARY KEY, "mfo:name" TEXT COLLATE NOCASE, "mfo:name:graph" INTEGER);
    CREATE TABLE "mlo:GeoBoundingBox" (ID INTEGER NOT NULL PRIMARY KEY);
    CREATE TABLE "mlo:GeoBoundingBox_mlo:bbNorthWest" (ID INTEGER NOT NULL, "mlo:bbNorthWest" INTEGER NOT NULL, "mlo:bbNorthWest:graph" INTEGER);
CREATE TABLE "mlo:GeoBoundingBox_mlo:bbSouthEast" (ID INTEGER NOT NULL, "mlo:bbSouthEast" INTEGER NOT NULL, "mlo:bbSouthEast:graph" INTEGER);
CREATE TABLE "mlo:GeoLocation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:GeoLocation_mlo:asBoundingBox" (ID INTEGER NOT NULL, "mlo:asBoundingBox" INTEGER NOT NULL, "mlo:asBoundingBox:graph" INTEGER);
CREATE TABLE "mlo:GeoLocation_mlo:asGeoPoint" (ID INTEGER NOT NULL, "mlo:asGeoPoint" INTEGER NOT NULL, "mlo:asGeoPoint:graph" INTEGER);
CREATE TABLE "mlo:GeoLocation_mlo:asPostalAddress" (ID INTEGER NOT NULL, "mlo:asPostalAddress" INTEGER NOT NULL, "mlo:asPostalAddress:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:GeoPoint_mlo:address" (ID INTEGER NOT NULL, "mlo:address" TEXT NOT NULL, "mlo:address:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:altitude" (ID INTEGER NOT NULL, "mlo:altitude" REAL NOT NULL, "mlo:altitude:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:city" (ID INTEGER NOT NULL, "mlo:city" TEXT NOT NULL, "mlo:city:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:country" (ID INTEGER NOT NULL, "mlo:country" TEXT NOT NULL, "mlo:country:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:latitude" (ID INTEGER NOT NULL, "mlo:latitude" REAL NOT NULL, "mlo:latitude:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:longitude" (ID INTEGER NOT NULL, "mlo:longitude" REAL NOT NULL, "mlo:longitude:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:state" (ID INTEGER NOT NULL, "mlo:state" TEXT NOT NULL, "mlo:state:graph" INTEGER);
CREATE TABLE "mlo:GeoPoint_mlo:timestamp" (ID INTEGER NOT NULL, "mlo:timestamp" INTEGER NOT NULL, "mlo:timestamp:graph" INTEGER, "mlo:timestamp:localDate" INTEGER NOT NULL, "mlo:timestamp:localTime" INTEGER NOT NULL);
CREATE TABLE "mlo:GeoSphere" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:GeoSphere_mlo:radius" (ID INTEGER NOT NULL, "mlo:radius" REAL NOT NULL, "mlo:radius:graph" INTEGER);
CREATE TABLE "mlo:Landmark" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:LandmarkCategory" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:LandmarkCategory_mlo:isRemovable" (ID INTEGER NOT NULL, "mlo:isRemovable" INTEGER NOT NULL, "mlo:isRemovable:graph" INTEGER);
CREATE TABLE "mlo:Landmark_mlo:belongsToCategory" (ID INTEGER NOT NULL, "mlo:belongsToCategory" INTEGER NOT NULL, "mlo:belongsToCategory:graph" INTEGER);
CREATE TABLE "mlo:Landmark_mlo:poiLocation" (ID INTEGER NOT NULL, "mlo:poiLocation" INTEGER NOT NULL, "mlo:poiLocation:graph" INTEGER);
CREATE TABLE "mlo:LocationBoundingBox" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:LocationBoundingBox_mlo:boxEastLimit" (ID INTEGER NOT NULL, "mlo:boxEastLimit" INTEGER NOT NULL, "mlo:boxEastLimit:graph" INTEGER);
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CREATE TABLE "mlo:LocationBoundingBox_mlo:boxEastLimit" (ID INTEGER NOT NULL, "mlo:boxEastLimit" INTEGER NOT NULL, "mlo:boxEastLimit:graph" INTEGER);
CREATE TABLE "mlo:LocationBoundingBox_mlo:boxNorthLimit" (ID INTEGER NOT NULL, "mlo:boxNorthLimit" INTEGER NOT NULL, "mlo:boxNorthLimit:graph" INTEGER);
CREATE TABLE "mlo:LocationBoundingBox_mlo:boxSouthWestCorner" (ID INTEGER NOT NULL, "mlo:boxSouthWestCorner" INTEGER NOT NULL, "mlo:boxSouthWestCorner:graph" INTEGER);
CREATE TABLE "mlo:LocationBoundingBox_mlo:boxVerticalLimit" (ID INTEGER NOT NULL, "mlo:boxVerticalLimit" INTEGER NOT NULL, "mlo:boxVerticalLimit:graph" INTEGER);
CREATE TABLE "mlo:PointOfInterest" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:Route" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mlo:Route_mlo:endTime" (ID INTEGER NOT NULL, "mlo:endTime" INTEGER NOT NULL, "mlo:endTime:graph" INTEGER, "mlo:endTime:localDate" INTEGER NOT NULL, "mlo:endTime:localTime" INTEGER NOT NULL);
CREATE TABLE "mlo:Route_mlo:routeDetails" (ID INTEGER NOT NULL, "mlo:routeDetails" TEXT NOT NULL, "mlo:routeDetails:graph" INTEGER);
CREATE TABLE "mlo:Route_mlo:startTime" (ID INTEGER NOT NULL, "mlo:startTime" INTEGER NOT NULL, "mlo:startTime:graph" INTEGER, "mlo:startTime:localDate" INTEGER NOT NULL, "mlo:startTime:localTime" INTEGER NOT NULL);
CREATE TABLE "mto:DownloadTransfer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mto:State" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mto:SyncTransfer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mto:TransferMethod" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mto:Transfer_mto:transferList" (ID INTEGER NOT NULL, "mto:transferList" INTEGER NOT NULL, "mto:transferList:graph" INTEGER);
CREATE TABLE "mto:Transfer_mto:transferPrivacyLevel" (ID INTEGER NOT NULL, "mto:transferPrivacyLevel" TEXT NOT NULL, "mto:transferPrivacyLevel:graph" INTEGER);
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CREATE TABLE "mto:UploadTransfer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "mto:UploadTransfer_mto:transferCategory" (ID INTEGER NOT NULL,
"mto:transferCategory" TEXT NOT NULL,
"mto:transferCategory:graph" INTEGER);
CREATE TABLE "http:ScanType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nao:Property" (ID INTEGER NOT NULL PRIMARY KEY,
"nao:propertyName" TEXT COLLATE NOCASE, "nao:propertyName:graph" INTEGER,
"nao:propertyValue" TEXT COLLATE NOCASE, "nao:propertyValue:graph" INTEGER);
CREATE TABLE "nao:Tag" (ID INTEGER NOT NULL PRIMARY KEY,
"nao:prefLabel" TEXT COLLATE NOCASE, "nao:prefLabel:graph" INTEGER,
"nao:description" TEXT COLLATE NOCASE, "nao:description:graph" INTEGER);
CREATE TABLE "nao:Tag_tracker:isDefaultTag" (ID INTEGER NOT NULL,
"tracker:isDefaultTag" INTEGER NOT NULL, "tracker:isDefaultTag:graph" INTEGER);
CREATE TABLE "nao:Tag_tracker:tagRelatedTo" (ID INTEGER NOT NULL,
"tracker:tagRelatedTo" INTEGER NOT NULL, "tracker:tagRelatedTo:graph" INTEGER);
CREATE TABLE "ncal:AccessClassification" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Alarm" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:repeat" INTEGER, "ncal:repeat:graph" INTEGER);
CREATE TABLE "ncal:AlarmAction" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Alarm_ncal:action" (ID INTEGER NOT NULL,
"ncal:action" INTEGER NOT NULL, "ncal:action:graph" INTEGER);
CREATE TABLE "ncal:Attachment" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:attachmentUri" INTEGER, "ncal:attachmentUri:graph" INTEGER,
"ncal:fmttype" TEXT COLLATE NOCASE, "ncal:fmttype:graph" INTEGER,
"ncal:encoding" INTEGER, "ncal:encoding:graph" INTEGER,
"ncal:attachmentContent" TEXT COLLATE NOCASE, "ncal:attachmentContent:graph" INTEGER);
CREATE TABLE "ncal:AttachmentEncoding" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Attendee" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:delegatedTo" INTEGER, "ncal:delegatedTo:graph" INTEGER,
"ncal:delegatedFrom" INTEGER, "ncal:delegatedFrom:graph" INTEGER,
"ncal:cutype" INTEGER, "ncal:cutype:graph" INTEGER, "ncal:member" INTEGER,
"ncal:member:graph" INTEGER, "ncal:role" INTEGER, "ncal:role:graph" INTEGER,
"ncal:rsvp" INTEGER, "ncal:rsvp:graph" INTEGER,
"ncal:partstat" INTEGER, "ncal:partstat:graph" INTEGER);
CREATE TABLE "ncal:AttendeeOrOrganizer" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:dir" INTEGER, "ncal:dir:graph" INTEGER,
"ncal:involvedContact" INTEGER, "ncal:involvedContact:graph" INTEGER,
"ncal:sentBy" INTEGER, "ncal:sentBy:graph" INTEGER);
CREATE TABLE "ncal:AttendeeRole" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:BydayRulePart" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:BydayRulePart_ncal:bydayModifier" (ID INTEGER NOT NULL,
"ncal:bydayModifier" INTEGER NOT NULL, "ncal:bydayModifier:graph" INTEGER);
CREATE TABLE "ncal:BydayRulePart_ncal:bydayWeekday" (ID INTEGER NOT NULL, "ncal:bydayWeekday" INTEGER NOT NULL, "ncal:bydayWeekday:graph" INTEGER);
CREATE TABLE "ncal:Calendar" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:method" TEXT COLLATE NOCASE, "ncal:method:graph" INTEGER, "ncal:calcScale" INTEGER, "ncal:calcScale:graph" INTEGER, "ncal:prodId" TEXT COLLATE NOCASE, "ncal:prodId:graph" INTEGER, "ncal:version" TEXT COLLATE NOCASE, "ncal:version:graph" INTEGER);
CREATE TABLE "ncal:CalendarDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:CalendarScale" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:CalendarUserType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Calendar_ncal:component" (ID INTEGER NOT NULL, "ncal:component" INTEGER NOT NULL, "ncal:component:graph" INTEGER);
CREATE TABLE "ncal:Event" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:eventStatus" INTEGER, "ncal:eventStatus:graph" INTEGER, "ncal:transp" INTEGER, "ncal:transp:graph" INTEGER);
CREATE TABLE "ncal:EventStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Freebusy" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:FreebusyPeriod" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:fbType" INTEGER, "ncal:fbType:graph" INTEGER);
CREATE TABLE "ncal:FreebusyType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Freebusy_ncal:freebusy" (ID INTEGER NOT NULL, "ncal:freebusy" INTEGER NOT NULL, "ncal:freebusy:graph" INTEGER);
CREATE TABLE "ncal:Journal" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:journalStatus" INTEGER, "ncal:journalStatus:graph" INTEGER);
CREATE TABLE "ncal:JournalStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:NcalDateTime" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:ncalTimezone" INTEGER, "ncal:ncalTimezone:graph" INTEGER, "ncal:date" INTEGER, "ncal:date:graph" INTEGER, "ncal:date:localDate" INTEGER, "ncal:date:localTime" INTEGER, "ncal:dateTime" INTEGER, "ncal:dateTime:graph" INTEGER, "ncal:dateTime:localDate" INTEGER, "ncal:dateTime:localTime" INTEGER);
CREATE TABLE "ncal:NcalTimeEntity" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Organizer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:ParticipationStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:RecurrenceFrequency" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:RecurrenceIdentifier" (ID INTEGER NOT NULL PRIMARY KEY, "ncal:range" INTEGER, "ncal:range:graph" INTEGER, "ncal:recurrenceIdDateTime" INTEGER, "ncal:recurrenceIdDateTime:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceIdentifierRange" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:RecurrenceRule" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:until" INTEGER, "ncal:until:graph" INTEGER,
"ncal:until:localDate" INTEGER, "ncal:until:localTime" INTEGER,
"ncal:wkst" INTEGER, "ncal:wkst:graph" INTEGER, "ncal:interval"
INTEGER, "ncal:interval:graph" INTEGER, "ncal:count" INTEGER,
"ncal:count:graph" INTEGER, "ncal:freq" INTEGER, "ncal:freq:graph"
INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:byday" (ID INTEGER NOT NULL,
"ncal:byday" INTEGER NOT NULL, "ncal:byday:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:byhour" (ID INTEGER NOT NULL,
"ncal:byhour" INTEGER NOT NULL, "ncal:byhour:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:bymonth" (ID INTEGER NOT NULL,
"ncal:bymonth" INTEGER NOT NULL, "ncal:bymonth:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:bymonthday" (ID INTEGER NOT NULL,
"ncal:bymonthday" INTEGER NOT NULL, "ncal:bymonthday:graph"
INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:bysecond" (ID INTEGER NOT NULL,
"ncal:bysecond" INTEGER NOT NULL, "ncal:bysecond:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:bysetpos" (ID INTEGER NOT NULL,
"ncal:bysetpos" INTEGER NOT NULL, "ncal:bysetpos:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:byweekno" (ID INTEGER NOT NULL,
"ncal:byweekno" INTEGER NOT NULL, "ncal:byweekno:graph" INTEGER);
CREATE TABLE "ncal:RecurrenceRule_ncal:byyearday" (ID INTEGER NOT NULL,
"ncal:byyearday" INTEGER NOT NULL, "ncal:byyearday:graph"
INTEGER);
CREATE TABLE "ncal:RequestStatus" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:statusDescription" TEXT COLLATE NOCASE,
"ncal:statusDescription:graph" INTEGER, "ncal:returnStatus" TEXT
COLLATE NOCASE, "ncal:returnStatus:graph" INTEGER,
"ncal:requestStatusData" TEXT COLLATE NOCASE,
"ncal:requestStatusData:graph" INTEGER);
CREATE TABLE "ncal:TimeTransparency" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Timezone" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:tzurl" INTEGER, "ncal:tzurl:graph" INTEGER, "ncal:standard"
INTEGER, "ncal:standard:graph" INTEGER, "ncal:daylight" INTEGER,
"ncal:daylight:graph" INTEGER, "ncal:tzid" TEXT COLLATE NOCASE,
"ncal:tzid:graph" INTEGER);
CREATE TABLE "ncal:TimezoneObservance" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:tzoffsetfrom" TEXT COLLATE NOCASE,
"ncal:tzoffsetfrom:graph" INTEGER, "ncal:tzoffsetto" TEXT COLLATE
NOCASE, "ncal:tzoffsetto:graph" INTEGER, "ncal:tzname" TEXT COLLATE
NOCASE, "ncal:tzname:graph" INTEGER);
CREATE TABLE "ncal:Todo" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:percentComplete" INTEGER, "ncal:percentComplete:graph" INTEGER,
"ncal:completed" INTEGER, "ncal:completed:graph" INTEGER,
"ncal:completed:localDate" INTEGER, "ncal:completed:localTime"
CREATE TABLE "ncal:TodoStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:Trigger" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:related" INTEGER, "ncal:related:graph" INTEGER,
"ncal:triggerDateTime" INTEGER, "ncal:triggerDateTime:graph" INTEGER,
"ncal:triggerDateTime:localDate" INTEGER,
"ncal:triggerDateTime:localTime" INTEGER, "ncal:triggerDuration" INTEGER,
"ncal:triggerDuration:graph" INTEGER);
CREATE TABLE "ncal:TriggerRelation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "ncal:UnionParentClass" (ID INTEGER NOT NULL PRIMARY KEY,
"ncal:lastModified" INTEGER, "ncal:lastModified:graph" INTEGER,
"ncal:lastModified:localDate" INTEGER, "ncal:lastModified:localTime" INTEGER, "ncal:trigger" INTEGER, "ncal:trigger:graph" INTEGER,
"ncal:created" INTEGER, "ncal:created:graph" INTEGER,
"ncal:created:localDate" INTEGER, "ncal:created:localTime" INTEGER,
CREATE TABLE "ncal:UnionParentClass_ncal:attach" (ID INTEGER NOT NULL, "ncal:attach" INTEGER NOT NULL, "ncal:attach:graph" INTEGER);
CREATE TABLE "ncal:UnionParentClass_ncal:attendee" (ID INTEGER NOT NULL, "ncal:attendee" INTEGER NOT NULL, "ncal:attendee:graph" INTEGER);
CREATE TABLE "ncal:UnionParentClass_ncal:categories" (ID INTEGER NOT NULL, "ncal:categories" INTEGER, "ncal:categories:graph" INTEGER);
CREATE TABLE "ncal:Weekday" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:Affiliation" (ID INTEGER NOT NULL PRIMARY KEY, "nco:department" TEXT COLLATE NOCASE, "nco:department:graph" INTEGER, "nco:org" INTEGER, "nco:org:graph" INTEGER, "nco:role" TEXT COLLATE NOCASE, "nco:role:graph" INTEGER);
CREATE TABLE "nco:Affiliation_nco:title" (ID INTEGER NOT NULL, "nco:title" TEXT NOT NULL, "nco:title:graph" INTEGER);
CREATE TABLE "nco:AuthorizationStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:BbsNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:CarPhoneNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:ContactList" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:ContactListDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:ContactList_nco:containsContact" (ID INTEGER NOT NULL,
"nco:containsContact" INTEGER NOT NULL,
"nco:containsContact:graph" INTEGER);
CREATE TABLE "nco:ContactMedium" (ID INTEGER NOT NULL PRIMARY KEY,
"nco:contactMediumComment" TEXT COLLATE NOCASE,
"nco:contactMediumComment:graph" INTEGER);
CREATE TABLE "nco:Contact_ncal:anniversary" (ID INTEGER NOT NULL,
"ncal:anniversary" INTEGER NOT NULL, "ncal:anniversary:graph" INTEGER);
CREATE TABLE "nco:Contact_ncal:birthday" (ID INTEGER NOT NULL,
"ncal:birthday" INTEGER NOT NULL, "ncal:birthday:graph" INTEGER);
CREATE TABLE "nco:Contact_nco:belongsToGroup" (ID INTEGER NOT NULL,
"nco:belongsToGroup" INTEGER NOT NULL, "nco:belongsToGroup:graph" INTEGER);
CREATE TABLE "nco:Contact_nco:note" (ID INTEGER NOT NULL, "nco:note" TEXT NOT NULL, "nco:note:graph" INTEGER);
CREATE TABLE "nco:Contact_ncal:anniversary" (ID INTEGER NOT NULL,
"scal:anniversary" INTEGER NOT NULL, "scal:anniversary:graph" INTEGER);
CREATE TABLE "nco:Contact_scal:birthday" (ID INTEGER NOT NULL,
"scal:birthday" INTEGER NOT NULL, "scal:birthday:graph" INTEGER);
CREATE TABLE "nco:DomesticDeliveryAddress" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:EmailAddress" (ID INTEGER NOT NULL PRIMARY KEY,
"nco:emailAddress" TEXT COLLATE NOCASE UNIQUE, "nco:emailAddress:graph" INTEGER);
CREATE TABLE "nco:FaxNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:Gender" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:IMAccount" (ID INTEGER NOT NULL PRIMARY KEY,
"nco:imAccountAddress" INTEGER UNIQUE, "nco:imAccountAddress:graph" INTEGER,
"nco:imAccountType" TEXT COLLATE NOCASE, "nco:imAccountType:graph" INTEGER, "nco:imDisplayName" TEXT COLLATE NOCASE,
"nco:imDisplayName:graph" INTEGER, "nco:imEnabled" INTEGER,
"nco:imEnabled:graph" INTEGER);
CREATE TABLE "nco:IMAccount_nco:hasIMContact" (ID INTEGER NOT NULL,
"nco:hasIMContact" INTEGER NOT NULL, "nco:hasIMContact:graph" INTEGER);
CREATE TABLE "nco:IMAddress" (ID INTEGER NOT NULL PRIMARY KEY,
"nco:imID" TEXT COLLATE NOCASE, "nco:imID:graph" INTEGER,
"nco:imNickname" TEXT COLLATE NOCASE, "nco:imNickname:graph" INTEGER,
"nco:imStatusMessage" TEXT COLLATE NOCASE, "nco:imStatusMessage:graph" INTEGER, "nco:imPresence" INTEGER,
"nco:imPresence:graph" INTEGER, "nco:imEnabled" INTEGER,
CREATE TABLE "nco:IMAddress_nco:imCapability" (ID INTEGER NOT NULL, "nco:imCapability" INTEGER NOT NULL, "nco:imCapability:graph" INTEGER);
CREATE TABLE "nco:IMCapability" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:InternationalDeliveryAddress" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:IsdnNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:MessagingNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:ModemNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:OrganizationContact" (ID INTEGER NOT NULL PRIMARY KEY, "nco:logo" INTEGER, "nco:logo:graph" INTEGER);
CREATE TABLE "nco:PagerNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:ParcelDeliveryAddress" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:PcsNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:PersonContact_nco:hasAffiliation" (ID INTEGER NOT NULL, "nco:hasAffiliation" INTEGER NOT NULL, "nco:hasAffiliation:graph" INTEGER);
CREATE TABLE "nco:PhoneNumber" (ID INTEGER NOT NULL PRIMARY KEY, "nco:phoneNumber" TEXT COLLATE NOCASE, "nco:phoneNumber:graph" INTEGER);
<table>
<thead>
<tr>
<th>Table Name</th>
<th>Columns (Primary Key)</th>
<th>Constraints</th>
</tr>
</thead>
<tbody>
<tr>
<td>nco:PresenceStatus</td>
<td>ID (INTEGER)</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nco:Role</td>
<td>ID (INTEGER)</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nco:Role_nco:blogUrl</td>
<td>ID (INTEGER), blogUrl</td>
<td>NOT NULL, blogUrl:graph</td>
</tr>
<tr>
<td>nco:Role_nco:foafUrl</td>
<td>ID (INTEGER), foafUrl</td>
<td>NOT NULL, foafUrl:graph</td>
</tr>
<tr>
<td>nco:Role_nco:hasContactMedium</td>
<td>ID (INTEGER)</td>
<td>NOT NULL, hasContactMedium:graph</td>
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<tr>
<td>nco:Role_nco:hasEmailAddress</td>
<td>ID (INTEGER)</td>
<td>NOT NULL, emailAddress:graph</td>
</tr>
<tr>
<td>nco:Role_nco:hasIMAddress</td>
<td>ID (INTEGER)</td>
<td>NOT NULL, hasIMAddress:graph</td>
</tr>
<tr>
<td>nco:Role_nco:hasPhoneNumber</td>
<td>ID (INTEGER)</td>
<td>NOT NULL, hasPhoneNumber:graph</td>
</tr>
<tr>
<td>nco:Role_nco:hasPostalAddress</td>
<td>ID (INTEGER)</td>
<td>NOT NULL, hasPostalAddress:graph</td>
</tr>
<tr>
<td>nco:Role_nco:url</td>
<td>ID (INTEGER), url</td>
<td>NOT NULL, url:graph</td>
</tr>
<tr>
<td>nco:Role_nco:websiteUrl</td>
<td>ID (INTEGER), websiteUrl</td>
<td>NOT NULL, websiteUrl:graph</td>
</tr>
<tr>
<td>nco:VideoTelephoneNumber</td>
<td>ID (INTEGER)</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nco:VoicePhoneNumber</td>
<td>ID (INTEGER)</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nfo:Application</td>
<td>ID (INTEGER)</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nfo:Archive</td>
<td>ID (INTEGER)</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nfo:ArchiveItem</td>
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<tr>
<td>nfo:Attachment</td>
<td>ID (INTEGER)</td>
<td>PRIMARY KEY</td>
</tr>
<tr>
<td>nfo:Audio</td>
<td>ID (INTEGER)</td>
<td>PRIMARY KEY</td>
</tr>
</tbody>
</table>

CREATE TABLE "nco:PresenceStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:Role" (ID INTEGER NOT NULL PRIMARY KEY, "nco:video" INTEGER, "nco:video:graph" INTEGER);
CREATE TABLE "nco:Role_nco:blogUrl" (ID INTEGER NOT NULL, "nco:blogUrl" INTEGER NOT NULL, "nco:blogUrl:graph" INTEGER);
CREATE TABLE "nco:Role_nco:foafUrl" (ID INTEGER NOT NULL, "nco:foafUrl" INTEGER NOT NULL, "nco:foafUrl:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasContactMedium" (ID INTEGER NOT NULL, "nco:hasContactMedium" INTEGER NOT NULL, "nco:hasContactMedium:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasEmailAddress" (ID INTEGER NOT NULL, "nco:hasEmailAddress" INTEGER NOT NULL, "nco:hasEmailAddress:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasIMAddress" (ID INTEGER NOT NULL, "nco:hasIMAddress" INTEGER NOT NULL, "nco:hasIMAddress:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasPhoneNumber" (ID INTEGER NOT NULL, "nco:hasPhoneNumber" INTEGER NOT NULL, "nco:hasPhoneNumber:graph" INTEGER);
CREATE TABLE "nco:Role_nco:hasPostalAddress" (ID INTEGER NOT NULL, "nco:hasPostalAddress" INTEGER NOT NULL, "nco:hasPostalAddress:graph" INTEGER);
CREATE TABLE "nco:Role_nco:url" (ID INTEGER NOT NULL, "nco:url" INTEGER NOT NULL, "nco:url:graph" INTEGER);
CREATE TABLE "nco:Role_nco:websiteUrl" (ID INTEGER NOT NULL, "nco:websiteUrl" INTEGER NOT NULL, "nco:websiteUrl:graph" INTEGER);
CREATE TABLE "nco:VideoTelephoneNumber" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nco:VoicePhoneNumber" (ID INTEGER NOT NULL PRIMARY KEY, "nco:voiceMail" INTEGER, "nco:voiceMail:graph" INTEGER);
CREATE TABLE "nfo:Application" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Archive" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:uncompressedSize" INTEGER, "nfo:uncompressedSize:graph" INTEGER);
CREATE TABLE "nfo:ArchiveItem" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:isPasswordProtected" INTEGER, "nfo:isPasswordProtected:graph" INTEGER);
CREATE TABLE "nfo:Attachment" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:BookmarkFolder" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:BookmarkFolder_nfo:containsBookmark" (ID INTEGER NOT NULL, "nfo:containsBookmark" INTEGER NOT NULL, "nfo:containsBookmark:graph" INTEGER);
CREATE TABLE "nfo:BookmarkFolder_nfo:containsBookmarkFolder" (ID INTEGER NOT NULL, "nfo:containsBookmarkFolder" INTEGER NOT NULL, "nfo:containsBookmarkFolder:graph" INTEGER);
CREATE TABLE "nfo:CompressionType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Cursor" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:DataContainer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:DeletedResource" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:originalLocation" TEXT COLLATE NOCASE, "nfo:originalLocation:graph" INTEGER, "nfo:deletionDate" INTEGER, "nfo:deletionDate:graph" INTEGER, "nfo:deletionDate:localDate" INTEGER, "nfo:deletionDate:localTime" INTEGER);
CREATE TABLE "nfo:Document" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:tableOfContents" TEXT COLLATE NOCASE, "nfo:tableOfContents:graph" INTEGER);
CREATE TABLE "nfo:EmbeddedFileDataObject" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:encoding" TEXT COLLATE NOCASE, "nfo:encoding:graph" INTEGER);
CREATE TABLE "nfo:Equipment" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:manufacturer" TEXT COLLATE NOCASE, "nfo:manufacturer:graph" INTEGER, "nfo:model" TEXT COLLATE NOCASE, "nfo:model:graph" INTEGER, "nfo:equipmentSoftware" TEXT COLLATE NOCASE, "nfo:equipmentSoftware:graph" INTEGER);
CREATE TABLE "nfo:Executable" (ID INTEGER NOT NULL PRIMARY KEY);
"nfo:hashValue" TEXT COLLATE NOCASE, "nfo:hashValue:graph" INTEGER,
"nfo:hashAlgorithm" TEXT COLLATE NOCASE, "nfo:hashAlgorithm:graph" INTEGER);
CREATE TABLE "nfo:Filesystem" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:FilesystemImage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Folder" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:fontFamily" TEXT COLLATE NOCASE, "nfo:fontFamily:graph" INTEGER,
"nfo:foundry" INTEGER, "nfo:foundry:graph" INTEGER);
CREATE TABLE "nfo:HardDiskPartition" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:HelpDocument" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:HtmlDocument" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Icon" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:horizontalResolution" INTEGER, "nfo:horizontalResolution:graph" INTEGER, "nfo:orientation" INTEGER, "nfo:orientation:graph" INTEGER);
CREATE TABLE "nfo:Image_nfo:depicts" (ID INTEGER NOT NULL, "nfo:depicts" INTEGER NOT NULL, "nfo:depicts:graph" INTEGER);
CREATE TABLE "nfo:Image_nfo:hasRegionOfInterest" (ID INTEGER NOT NULL, "nfo:hasRegionOfInterest" INTEGER NOT NULL, "nfo:hasRegionOfInterest:graph" INTEGER NOT NULL);
CREATE TABLE "nfo:MediaList_nfo:hasMediaFileListEntry" (ID INTEGER NOT NULL, "nfo:hasMediaFileListEntry" INTEGER NOT NULL, "nfo:hasMediaFileListEntry:graph" INTEGER);
CREATE TABLE "nfo:MindMap" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Note" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:OperatingSystem" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Orientation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:PaginatedTextDocument" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:pageCount" INTEGER, "nfo:pageCount:graph" INTEGER);
CREATE TABLE "nfo:PlainTextDocument" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Presentation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RasterImage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RegionOfInterest" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:regionOfInterestX" REAL, "nfo:regionOfInterestX:graph" INTEGER, "nfo:regionOfInterestY" REAL, "nfo:regionOfInterestY:graph" INTEGER, "nfo:regionOfInterestWidth" REAL, "nfo:regionOfInterestWidth:graph" INTEGER, "nfo:regionOfInterestHeight" REAL, "nfo:regionOfInterestHeight:graph" INTEGER, "nfo:regionOfInterestType" INTEGER, "nfo:regionOfInterestType:graph" INTEGER, "nfo:roiRefersTo" INTEGER, "nfo:roiRefersTo:graph" INTEGER);
CREATE TABLE "nfo:RegionOfInterestContent" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RemoteDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RemotePortAddress" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Software" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:conflicts" INTEGER, "nfo:conflicts:graph" INTEGER, "nfo:supercedes" INTEGER, "nfo:supercedes:graph" INTEGER, "nfo:softwareIcon" INTEGER, "nfo:softwareIcon:graph" INTEGER, "nfo:softwareCmdLine" TEXT COLLATE NOCASE, "nfo:softwareCmdLine:graph" INTEGER);
CREATE TABLE "nfo:SoftwareApplication" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:SoftwareCategory" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:softwareCategoryIcon" INTEGER, "nfo:softwareCategoryIcon:graph" INTEGER);
CREATE TABLE "nfo:SoftwareItem" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:SoftwareService" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:commentCharacterCount" INTEGER, "nfo:commentCharacterCount:graph" INTEGER, "nfo:programmingLanguage" TEXT COLLATE NOCASE, "nfo:programmingLanguage:graph" INTEGER);
CREATE TABLE "nfo:SourceCode" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:listDuration" INTEGER, "nfo:listDuration:graph" INTEGER);
CREATE TABLE "nfo:MediaStream" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Media_mtp:hidden" (ID INTEGER NOT NULL, "mtp:hidden" INTEGER NOT NULL, "mtp:hidden:graph" INTEGER);
CREATE TABLE "nfo:Media_nmm:alternativeMedia" (ID INTEGER NOT NULL, "nmm:alternativeMedia" INTEGER NOT NULL, "nmm:alternativeMedia:graph" INTEGER);
CREATE TABLE "nfo:MindMap" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Note" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:OperatingSystem" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Orientation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:PaginatedTextDocument" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:pageCount" INTEGER, "nfo:pageCount:graph" INTEGER);
CREATE TABLE "nfo:PlainTextDocument" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Presentation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RasterImage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RegionOfInterest" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:regionOfInterestX" REAL, "nfo:regionOfInterestX:graph" INTEGER, "nfo:regionOfInterestY" REAL, "nfo:regionOfInterestY:graph" INTEGER, "nfo:regionOfInterestWidth" REAL, "nfo:regionOfInterestWidth:graph" INTEGER, "nfo:regionOfInterestHeight" REAL, "nfo:regionOfInterestHeight:graph" INTEGER, "nfo:regionOfInterestType" INTEGER, "nfo:regionOfInterestType:graph" INTEGER, "nfo:roiRefersTo" INTEGER, "nfo:roiRefersTo:graph" INTEGER);
CREATE TABLE "nfo:RegionOfInterestContent" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RemoteDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:RemotePortAddress" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Software" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:conflicts" INTEGER, "nfo:conflicts:graph" INTEGER, "nfo:supercedes" INTEGER, "nfo:supercedes:graph" INTEGER, "nfo:softwareIcon" INTEGER, "nfo:softwareIcon:graph" INTEGER, "nfo:softwareCmdLine" TEXT COLLATE NOCASE, "nfo:softwareCmdLine:graph" INTEGER);
CREATE TABLE "nfo:SoftwareApplication" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:SoftwareCategory" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:softwareCategoryIcon" INTEGER, "nfo:softwareCategoryIcon:graph" INTEGER);
CREATE TABLE "nfo:SoftwareItem" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:SoftwareService" (ID INTEGER NOT NULL PRIMARY KEY, "nfo:commentCharacterCount" INTEGER, "nfo:commentCharacterCount:graph" INTEGER, "nfo:programmingLanguage" TEXT COLLATE NOCASE, "nfo:programmingLanguage:graph" INTEGER);
CREATE TABLE "nfo:Spreadsheet" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:TextDocument" (ID INTEGER NOT NULL PRIMARY KEY,
"nfo:wordCount" INTEGER, "nfo:wordCount:graph" INTEGER,
"nfo:lineCount" INTEGER, "nfo:lineCount:graph" INTEGER,
"nfo:characterCount" INTEGER, "nfo:characterCount:graph" INTEGER);
CREATE TABLE "nfo:Trash" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:VectorImage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nfo:Video" (ID INTEGER NOT NULL PRIMARY KEY,
"nfo:frameRate" REAL, "nfo:frameRate:graph" INTEGER, "nfo:frameCount"
INTEGER, "nfo:frameCount:graph" INTEGER, "nfo:averageVideoBitrate"
REAL, "nfo:averageVideoBitrate:graph" INTEGER);
CREATE TABLE "nfo:Visual" (ID INTEGER NOT NULL PRIMARY KEY,
"nie:contentCreated" INTEGER, "nie:contentCreated:graph" INTEGER,
"nie:contentCreated:localDate" INTEGER, "nie:contentCreated:localTime"
INTEGER, "nfo:aspectRatio" REAL, "nfo:aspectRatio:graph" INTEGER,
"nfo:heading" REAL, "nfo:heading:graph" INTEGER, "nfo:tilt" REAL,
"nfo:tilt:graph" INTEGER, "nfo:interlaceMode" INTEGER,
"nfo:interlaceMode:graph" INTEGER, "nfo:height" INTEGER,
"nfo:height:graph" INTEGER, "nfo:width" INTEGER, "nfo:width:graph"
INTEGER, "nfo:colorDepth" INTEGER, "nfo:colorDepth:graph" INTEGER);
CREATE TABLE "nfo:WebHistory" (ID INTEGER NOT NULL PRIMARY KEY,
"nfo:domain" TEXT COLLATE NOCASE, "nfo:domain:graph" INTEGER,
"nfo:uri" TEXT COLLATE NOCASE, "nfo:uri:graph" INTEGER);
CREATE TABLE "nfo:Website" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nid3:ID3Audio" (ID INTEGER NOT NULL PRIMARY KEY,
"nid3:title" TEXT COLLATE NOCASE, "nid3:title:graph" INTEGER,
"nid3:albumTitle" TEXT COLLATE NOCASE, "nid3:albumTitle:graph"
INTEGER, "nid3:contentType" TEXT COLLATE NOCASE,
"nid3:contentType:graph" INTEGER, "nid3:length" INTEGER,
"nid3:length:graph" INTEGER, "nid3:recordingYear" INTEGER,
"nid3:recordingYear:graph" INTEGER, "nid3:trackNumber" TEXT COLLATE
NOCASE, "nid3:trackNumber:graph" INTEGER, "nid3:partOfSet" TEXT
COLLATE NOCASE, "nid3:partOfSet:graph" INTEGER, "nid3:comments"
TEXT COLLATE NOCASE, "nid3:comments:graph" INTEGER);
CREATE TABLE "nid3:ID3Audio_nid3:leadArtist" (ID INTEGER NOT NULL,
"nid3:leadArtist" INTEGER NOT NULL, "nid3:leadArtist:graph" INTEGER);
CREATE TABLE "nie:DataObject" (ID INTEGER NOT NULL PRIMARY KEY,
"nie:url" TEXT COLLATE NOCASE UNIQUE, "nie:url:graph" INTEGER,
"nie:byteSize" INTEGER, "nie:byteSize:graph" INTEGER,
"nie:interpretedAs" INTEGER, "nie:interpretedAs:graph" INTEGER,
"nie:lastRefreshed" INTEGER, "nie:lastRefreshed:graph" INTEGER,
"nie:lastRefreshed:localDate" INTEGER, "nie:lastRefreshed:localTime"
INTEGER, "nie:created" INTEGER, "nie:created:graph" INTEGER,
"nie:created:localDate" INTEGER, "nie:created:localTime" INTEGER,
"nfo:belongsToContainer" INTEGER, "nfo:belongsToContainer:graph" INTEGER, "tracker:available" INTEGER, "tracker:available:graph" INTEGER);
CREATE TABLE "nie:DataObject_nie:dataSource" (ID INTEGER NOT NULL,
"nie:dataSource" INTEGER NOT NULL, "nie:dataSource:graph" INTEGER);
CREATE TABLE "nie:DataObject_nie:isPartOf" (ID INTEGER NOT NULL,
"nie:isPartOf" INTEGER NOT NULL, "nie:isPartOf:graph" INTEGER);
CREATE TABLE "nie:DataSource" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nie:InformationElement" (ID INTEGER NOT NULL PRIMARY KEY,
"nie:title" TEXT COLLATE NOCASE, "nie:title:graph" INTEGER,
"nie:contentLastModified" INTEGER, "nie:contentLastModified:graph" INTEGER, "nie:contentLastModified:localDate" INTEGER,
"nie:contentLastModified:localTime" INTEGER, "nie:subject" TEXT
COLLATE NOCASE, "nie:subject:graph" INTEGER, "nie:mimeType" TEXT
COLLATE NOCASE, "nie:mimeType:graph" INTEGER, "nie:language" TEXT
COLLATE NOCASE, "nie:language:graph" INTEGER, "nie:plainTextContent" TEXT
COLLATE NOCASE, "nie:plainTextContent:graph" INTEGER,
"nie:legal" TEXT COLLATE NOCASE, "nie:legal:graph" INTEGER,
"nie:generator" TEXT COLLATE NOCASE, "nie:generator:graph" INTEGER,
"nie:description" TEXT COLLATE NOCASE, "nie:description:graph"
INTEGER, "nie:disclaimer" TEXT COLLATE NOCASE, "nie:disclaimer:graph"
INTEGER, "nie:depends" INTEGER, "nie:depends:graph" INTEGER,
"nie:links" INTEGER, "nie:links:graph" INTEGER, "nie:copyright" TEXT
COLLATE NOCASE, "nie:copyright:graph" INTEGER, "nie:comment" TEXT
COLLATE NOCASE, "nie:comment:graph" INTEGER, "nie:isStoredAs" INTEGER,
"nie:isStoredAs:graph" INTEGER, "nie:version" TEXT COLLATE NOCASE,
"nie:version:graph" INTEGER, "nie:contentCreated" INTEGER,
"nie:contentCreated:graph" INTEGER, "nie:contentCreated:localDate"
INTEGER, "nie:contentCreated:localTime" INTEGER, "nie:contentAccessed"
INTEGER, "nie:contentAccessed:graph" INTEGER,
"nie:contentAccessed:localDate" INTEGER,
"nie:contentAccessed:localTime" INTEGER, "nie:license" TEXT
COLLATE NOCASE, "nie:license:graph" INTEGER, "nie:identifier" TEXT
COLLATE NOCASE, "nie:identifier:graph" INTEGER, "nie:licenseType" TEXT
COLLATE NOCASE, "nie:licenseType:graph" INTEGER, "nie:characterSet"
TEXT COLLATE NOCASE, "nie:characterSet:graph" INTEGER,
"nie:ContentSize" INTEGER, "nie:ContentSize:graph" INTEGER,
"nie:rootElementOf" INTEGER, "nie:rootElementOf:graph" INTEGER,
"nie:usageCounter" INTEGER, "nie:usageCounter:graph" INTEGER,
"nco:publisher" INTEGER, "nco:publisher:graph" INTEGER,
"nfo:isContentEncrypted" INTEGER, "nfo:isContentEncrypted:graph"
INTEGER, "slo:location" INTEGER, "slo:location:graph" INTEGER,
"nfo:isBootable" INTEGER, "nfo:isBootable:graph" INTEGER, "osinfo:id"
TEXT COLLATE NOCASE, "osinfo:id:graph" INTEGER, "osinfo:mediaId" TEXT
COLLATE NOCASE, "osinfo:mediaId:graph" INTEGER);
CREATE TABLE "nie:InformationElement_mlo:location" (ID INTEGER NOT
NULL, "mlo:location" INTEGER NOT NULL, "mlo:location:graph" INTEGER);
<table>
<thead>
<tr>
<th>Table Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>nie:InformationElement_nao:hasProperty</td>
<td>(ID INTEGER NOT NULL, &quot;nao:hasProperty&quot; INTEGER NOT NULL, &quot;nao:hasProperty:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nie:InformationElement_nie:hasLogicalPart</td>
<td>(ID INTEGER NOT NULL, &quot;nie:hasLogicalPart&quot; INTEGER NOT NULL, &quot;nie:hasLogicalPart:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nie:InformationElement_nie:hasPart</td>
<td>(ID INTEGER NOT NULL, &quot;nie:hasPart&quot; INTEGER NOT NULL, &quot;nie:hasPart:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nie:InformationElement_nie:informationElementDate</td>
<td>(ID INTEGER NOT NULL, &quot;nie:informationElementDate&quot; INTEGER NOT NULL, &quot;nie:informationElementDate:graph&quot; INTEGER, &quot;nie:informationElementDate:localDate&quot; INTEGER NOT NULL, &quot;nie:informationElementDate:localTime&quot; INTEGER NOT NULL)</td>
</tr>
<tr>
<td>nie:InformationElement_nie:isLogicalPartOf</td>
<td>(ID INTEGER NOT NULL, &quot;nie:isLogicalPartOf&quot; INTEGER NOT NULL, &quot;nie:isLogicalPartOf:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nie:InformationElement_nie:keyword</td>
<td>(ID INTEGER NOT NULL, &quot;nie:keyword&quot; TEXT NOT NULL, &quot;nie:keyword:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nie:InformationElement_nie:relatedTo</td>
<td>(ID INTEGER NOT NULL, &quot;nie:relatedTo&quot; INTEGER NOT NULL, &quot;nie:relatedTo:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nmm:Artist</td>
<td>(ID INTEGER NOT NULL PRIMARY KEY, &quot;nmm:artistName&quot; TEXT COLLATE NOCASE, &quot;nmm:artistName:graph&quot; INTEGER)</td>
</tr>
<tr>
<td>nmm:Flash</td>
<td>(ID INTEGER NOT NULL PRIMARY KEY)</td>
</tr>
<tr>
<td>nmm:ImageList</td>
<td>(ID INTEGER NOT NULL PRIMARY KEY)</td>
</tr>
<tr>
<td>nmm:MeteringMode</td>
<td>(ID INTEGER NOT NULL PRIMARY KEY)</td>
</tr>
<tr>
<td>nmm:MusicAlbumDisc</td>
<td>(ID INTEGER NOT NULL PRIMARY KEY)</td>
</tr>
</tbody>
</table>
CREATE TABLE "nmm:MusicAlbum_nmm:albumArtist" (ID INTEGER NOT NULL, "nmm:albumArtist" INTEGER NOT NULL, "nmm:albumArtist:graph" INTEGER);
CREATE TABLE "nmm:MusicPiece_nmm:lyrics" (ID INTEGER NOT NULL, "nmm:lyrics" INTEGER NOT NULL, "nmm:lyrics:graph" INTEGER);
CREATE TABLE "nmm:Playlist" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmm:RadioModulation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmm:RadioStation" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:radioIcon" INTEGER, "nmm:radioIcon:graph" INTEGER, "nmm:radioPTY" INTEGER, "nmm:radioPTY:graph" INTEGER);
CREATE TABLE "nmm:RadioStation_nmm:carrier" (ID INTEGER NOT NULL, "nmm:carrier" INTEGER NOT NULL, "nmm:carrier:graph" INTEGER);
CREATE TABLE "nmm:SynchronizedText" (ID INTEGER NOT NULL PRIMARY KEY, "nmm:isForHearingImpaired" INTEGER, "nmm:isForHearingImpaired:graph" INTEGER);
CREATE TABLE "nmm:Video_mtp:scantype" (ID INTEGER NOT NULL, "mtp:scantype" INTEGER NOT NULL, "mtp:scantype:graph" INTEGER);
CREATE TABLE "nmm:Video_nmm:director" (ID INTEGER NOT NULL, "nmm:director" INTEGER NOT NULL, "nmm:director:graph" INTEGER);
CREATE TABLE "nmm:Video_nmm:leadActor" (ID INTEGER NOT NULL, "nmm:leadActor" INTEGER NOT NULL, "nmm:leadActor:graph" INTEGER);
CREATE TABLE "nmm:Video_nmm:subtitle" (ID INTEGER NOT NULL, "nmm:subtitle" INTEGER NOT NULL, "nmm:subtitle:graph" INTEGER);
CREATE TABLE "nmm:WhiteBalance" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Attachment" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Call" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:sentDate" INTEGER, "nmo:sentDate:graph" INTEGER, "nmo:sentDate:localDate" INTEGER, "nmo:sentDate:localTime" INTEGER, "nmo:duration" INTEGER, "nmo:duration:graph" INTEGER);
CREATE TABLE "nmo:CommunicationChannel" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:lastMessageDate" INTEGER, "nmo:lastMessageDate:graph" INTEGER, "nmo:lastMessageDate:localDate" INTEGER, "nmo:lastMessageDate:localTime" INTEGER, "nmo:lastSuccessfulMessageDate" INTEGER, "nmo:lastSuccessfulMessageDate:graph" INTEGER, "nmo:lastSuccessfulMessageDate:localDate" INTEGER, "nmo:lastSuccessfulMessageDate:localTime" INTEGER);
CREATE TABLE "nmo:CommunicationChannel_nmo:hasParticipant" (ID INTEGER NOT NULL, "nmo:hasParticipant" INTEGER NOT NULL, "nmo:hasParticipant:graph" INTEGER);
CREATE TABLE "nmo:Conversation" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:DeliveryStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Email" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:hasContent" INTEGER, "nmo:hasContent:graph" INTEGER, "nmo:isFlagged" INTEGER, "nmo:isFlagged:graph" INTEGER, "nmo:isRecent" INTEGER, "nmo:isRecent:graph" INTEGER, "nmo:status" TEXT COLLATE NOCASE, "nmo:status:graph" INTEGER, "nmo:responseType" TEXT COLLATE NOCASE, "nmo:responseType:graph" INTEGER);
CREATE TABLE "nmo:Email_nmo:contentMimeType" (ID INTEGER NOT NULL, "nmo:contentMimeType" TEXT NOT NULL, "nmo:contentMimeType:graph" INTEGER);
CREATE TABLE "nmo:IMMessage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:MMSMessage" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:mmsHasContent" INTEGER, "nmo:mmsHasContent:graph" INTEGER);
CREATE TABLE "nmo:MailAccount" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:accountName" TEXT COLLATE NOCASE, "nmo:accountName:graph" INTEGER, "nmo:accountDisplayName" TEXT COLLATE NOCASE, "nmo:accountDisplayName:graph" INTEGER, "nmo:fromAddress" INTEGER, "nmo:fromAddress:graph" INTEGER, "nmo:signature" TEXT COLLATE NOCASE,
CREATE TABLE "nmo:MailFolder" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:folderName" TEXT COLLATE NOCASE, "nmo:folderName:graph" INTEGER, "nmo:serverCount" INTEGER, "nmo:serverCount:graph" INTEGER, "nmo:serverUnreadCount" INTEGER, "nmo:serverUnreadCount:graph" INTEGER);
CREATE TABLE "nmo:MailboxDataObject" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:MessageHeader" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:headerName" TEXT COLLATE NOCASE, "nmo:headerName:graph" INTEGER, "nmo:headerValue" TEXT COLLATE NOCASE, "nmo:headerValue:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:bcc" (ID INTEGER NOT NULL, "nmo:bcc" INTEGER NOT NULL, "nmo:bcc:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:cc" (ID INTEGER NOT NULL, "nmo:cc" INTEGER NOT NULL, "nmo:cc:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:hasAttachment" (ID INTEGER NOT NULL, "nmo:hasAttachment" INTEGER NOT NULL, "nmo:hasAttachment:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:inReplyTo" (ID INTEGER NOT NULL, "nmo:inReplyTo" INTEGER NOT NULL, "nmo:inReplyTo:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:messageHeader" (ID INTEGER NOT NULL, "nmo:messageHeader" INTEGER NOT NULL, "nmo:messageHeader:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:recipient" (ID INTEGER NOT NULL, "nmo:recipient" INTEGER NOT NULL, "nmo:recipient:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:references" (ID INTEGER NOT NULL, "nmo:references" INTEGER NOT NULL, "nmo:references:graph" INTEGER);
CREATE TABLE "nmo:Message_nmo:to" (ID INTEGER NOT NULL, "nmo:to" INTEGER NOT NULL, "nmo:to:graph" INTEGER);
CREATE TABLE "nmo:MimePart" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:charSet" TEXT COLLATE NOCASE, "nmo:charSet:graph" INTEGER, "nmo:contentId" TEXT COLLATE NOCASE, "nmo:contentId:graph" INTEGER, "nmo:contentTransferEncoding" TEXT COLLATE NOCASE, "nmo:contentTransferEncoding:graph" INTEGER, "nmo:contentDescription" TEXT COLLATE NOCASE, "nmo:contentDescription:graph" INTEGER, "nmo:contentDisposition" TEXT COLLATE NOCASE, "nmo:contentDisposition:graph" INTEGER);
CREATE TABLE "nmo:MimePart_nmo:mimeHeader" (ID INTEGER NOT NULL, "nmo:mimeHeader" INTEGER NOT NULL, "nmo:mimeHeader:graph" INTEGER);
CREATE TABLE "nmo:Multipart" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:Multipart_nmo:partBoundary" (ID INTEGER NOT NULL, "nmo:partBoundary" TEXT NOT NULL, "nmo:partBoundary:graph" INTEGER);
CREATE TABLE "nmo:PermanentChannel" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:PhoneMessageFolder" (ID INTEGER NOT NULL PRIMARY KEY, "nmo:phoneMessageFolderId" TEXT COLLATE NOCASE, "nmo:phoneMessageFolderId:graph" INTEGER);
CREATE TABLE "nmo:PhoneMessageFolder_nmo:containsPhoneMessage" (ID INTEGER NOT NULL, "nmo:containsPhoneMessage" INTEGER NOT NULL, "nmo:containsPhoneMessage:graph" INTEGER);
CREATE TABLE "nmo:PhoneMessageFolder_nmo:containsPhoneMessageFolder" (ID INTEGER NOT NULL, "nmo:containsPhoneMessageFolder" INTEGER NOT NULL, "nmo:containsPhoneMessageFolder:graph" INTEGER);
CREATE TABLE "nmo:PhoneMessage_nmo:toVCard" (ID INTEGER NOT NULL, "nmo:toVCard" INTEGER NOT NULL, "nmo:toVCard:graph" INTEGER);
CREATE TABLE "nmo:ReportReadStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:SMSMessage" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:TransientChannel" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nmo:VOIPCall" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "nrl:InverseFunctionalProperty" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "osinfo:Installer" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "poi:ObjectOfInterest" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "rdf:Property" (ID INTEGER NOT NULL PRIMARY KEY, "rdfs:domain" INTEGER, "rdfs:domain:graph" INTEGER, "rdfs:range" INTEGER, "rdfs:range:graph" INTEGER, "tracker:indexed" INTEGER, "tracker:indexed:graph" INTEGER, "tracker:secondaryIndex" INTEGER);
CREATE TABLE "rdf:Property_rdfs:subPropertyOf" (ID INTEGER NOT NULL, "rdfs:subPropertyOf" INTEGER NOT NULL, "rdfs:subPropertyOf:graph" INTEGER);
CREATE TABLE "rdfs:Class" (ID INTEGER NOT NULL PRIMARY KEY, "tracker:notify" INTEGER, "tracker:notify:graph" INTEGER);
CREATE TABLE "rdfs:Class_rdfs:subClassOf" (ID INTEGER NOT NULL, "rdfs:subClassOf" INTEGER NOT NULL, "rdfs:subClassOf:graph" INTEGER);
CREATE TABLE "rdfs:Class_tracker:domainIndex" (ID INTEGER NOT NULL, "tracker:domainIndex" INTEGER NOT NULL, "tracker:domainIndex:graph" INTEGER);
CREATE TABLE "rdfs:Literal" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "rdfs:Resource_dc:contributor" (ID INTEGER NOT NULL, "dc:contributor" TEXT NOT NULL, "dc:contributor:graph" INTEGER);
CREATE TABLE "rdfs:Resource_dc:date" (ID INTEGER NOT NULL, "dc:date" INTEGER NOT NULL, "dc:date:graph" INTEGER, "dc:date:localDate" INTEGER, "dc:date:localTime" INTEGER);
CREATE TABLE "rdfs:Resource_dc:relation" (ID INTEGER NOT NULL, "dc:relation" TEXT NOT NULL, "dc:relation:graph" INTEGER);
CREATE TABLE "rdfs:Resource_dc:source" (ID INTEGER NOT NULL, "dc:source" INTEGER NOT NULL, "dc:source:graph" INTEGER);
CREATE TABLE "rdfs:Resource_nao:deprecated" (ID INTEGER NOT NULL, "nao:deprecated" INTEGER NOT NULL, "nao:deprecated:graph" INTEGER);
CREATE TABLE "rdfs:Resource_nao:hasTag" (ID INTEGER NOT NULL, "nao:hasTag" INTEGER NOT NULL, "nao:hasTag:graph" INTEGER);
CREATE TABLE "rdfs:Resource_nao:isRelated" (ID INTEGER NOT NULL, "nao:isRelated" INTEGER NOT NULL, "nao:isRelated:graph" INTEGER);
CREATE TABLE "rdfs:Resource_rdf:type" (ID INTEGER NOT NULL, "rdf:type" INTEGER NOT NULL, "rdf:type:graph" INTEGER);
CREATE TABLE "scal:AccessLevel" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:AttendanceStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:AttendeeRole" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:Attendee_scal:delegated-from" (ID INTEGER NOT NULL, "scal:delegated-from" INTEGER NOT NULL, "scal:delegated-from:graph" INTEGER);
CREATE TABLE "scal:Attendee Scalia:delegated-to" (ID INTEGER NOT NULL, "scal:delegated-to" INTEGER NOT NULL, "scal:delegated-to:graph" INTEGER);
CREATE TABLE "scal:Attendee_scal:member" (ID INTEGER NOT NULL, "scal:member" INTEGER NOT NULL, "scal:member:graph" INTEGER);
CREATE TABLE "scal:Attendee_scal:sent-by" (ID INTEGER NOT NULL, "scal:sent-by" INTEGER NOT NULL, "scal:sent-by:graph" INTEGER);
CREATE TABLE "scal:Calendar" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:CalendarAlarm" (ID INTEGER NOT NULL PRIMARY KEY, "scal:alarmOffset" INTEGER, "scal:alarmOffset:graph" INTEGER);
CREATE TABLE "scal:CalendarAlarm_scal:alarmAttendee" (ID INTEGER NOT NULL, "scal:alarmAttendee" INTEGER NOT NULL, "scal:alarmAttendee:graph" INTEGER);
CREATE TABLE "scal:CalendarItem skal:access" (ID INTEGER NOT NULL,
"scal:access" INTEGER NOT NULL, "scal:access:graph" INTEGER);
CREATE TABLE "scal:CalendarItem skal:attachment" (ID INTEGER NOT NULL,
"scal:attachment" INTEGER NOT NULL, "scal:attachment:graph" INTEGER);
CREATE TABLE "scal:CalendarItem skal:attendee" (ID INTEGER NOT NULL,
"scal:attendee" INTEGER NOT NULL, "scal:attendee:graph" INTEGER);
CREATE TABLE "scal:CalendarItem skal:belongsToCalendar" (ID INTEGER
NOT NULL, "scal:belongsToCalendar" INTEGER NOT NULL,
"scal:belongsToCalendar:graph" INTEGER);
CREATE TABLE "scal:CalendarItem skal:contact" (ID INTEGER NOT NULL,
"scal:contact" INTEGER NOT NULL, "scal:contact:graph" INTEGER);
CREATE TABLE "scal:CalendarItem skal:rrule" (ID INTEGER NOT NULL,
"scal:rrule" INTEGER NOT NULL, "scal:rrule:graph" INTEGER);
CREATE TABLE "scal:CalendarUserType" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:Event" (ID INTEGER NOT NULL PRIMARY KEY,
"scal:eventStatus" INTEGER, "scal:eventStatus:graph" INTEGER);
CREATE TABLE "scal:EventStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:Journal" (ID INTEGER NOT NULL PRIMARY KEY,
"scal:journalStatus" INTEGER, "scal:journalStatus:graph" INTEGER);
CREATE TABLE "scal:JournalStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:RSVPValues" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:RecurrenceRule" (ID INTEGER NOT NULL PRIMARY KEY,
"scal:recurrencePattern" TEXT COLLATE NOCASE,
"scal:recurrencePattern:graph" INTEGER, "scal:recurrenceStartDateTime
INTEGER, "scal:recurrenceStartDateTime:graph" INTEGER, "scal:exception"
INTEGER, "scal:exception:graph" INTEGER);
CREATE TABLE "scal:TimePoint" (ID INTEGER NOT NULL PRIMARY KEY,
"scal:dateTime" INTEGER, "scal:dateTime:graph" INTEGER,
"scal:dateTime:localDate" INTEGER, "scal:dateTime:localTime" INTEGER,
"scal:TimeZone" TEXT COLLATE NOCASE, "scal:TimeZone:graph" INTEGER);
CREATE TABLE "scal:Todo" (ID INTEGER NOT NULL PRIMARY KEY,
"scal:todoStatus" INTEGER, "scal:todoStatus:graph" INTEGER, "scal:due"
INTEGER, "scal:due:graph" INTEGER, "scal:completed" INTEGER,
"scal:completed:graph" INTEGER, "scal:percentComplete" INTEGER,
"scal:percentComplete:graph" INTEGER);
CREATE TABLE "scal:TodoStatus" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "scal:TransparencyValues" (ID INTEGER NOT NULL PRIMARY KEY);
CREATE TABLE "slo:GeoLocation" (ID INTEGER NOT NULL PRIMARY KEY,
"slo:latitude" REAL, "slo:latitude:graph" INTEGER, "slo:longitude"
REAL, "slo:longitude:graph" INTEGER, "slo:verticalAccuracy" REAL,
"slo:verticalAccuracy:graph" INTEGER, "slo:horizontalAccuracy" REAL,
"slo:horizontalAccuracy:graph" INTEGER, "slo:altitude" REAL,
"slo:altitude:graph" INTEGER, "slo:boundingLatitudeMin" REAL,
"slo:boundingLatitudeMin:graph" INTEGER, "slo:boundingLatitudeMax"
REAL, "slo:boundingLongitudeMin:graph" INTEGER,侠 s:boundingLongitudeMin:graph"
CREATE INDEX "mlo:GeoLocation_mlo:asGeoPoint" ON "mlo:GeoLocation_mlo:asGeoPoint" (ID);
CREATE UNIQUE INDEX "mlo:GeoLocation_mlo:asPostalAddress_ID" ON "mlo:GeoLocation_mlo:asPostalAddress" (ID);
CREATE UNIQUE INDEX "mlo:GeoLocation_mlo:asPostalAddress_ID" ON "mlo:GeoLocation_mlo:asPostalAddress" ("mlo:asPostalAddress", ID);
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:address_ID_ID" ON "mlo:GeoPoint_mlo:address" (ID, "mlo:address");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:altitude_ID_ID" ON "mlo:GeoPoint_mlo:altitude" (ID, "mlo:altitude");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:city_ID_ID" ON "mlo:GeoPoint_mlo:city" (ID, "mlo:city");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:country_ID_ID" ON "mlo:GeoPoint_mlo:country" (ID, "mlo:country");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:latitude_ID_ID" ON "mlo:GeoPoint_mlo:latitude" (ID, "mlo:latitude");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:longitude_ID_ID" ON "mlo:GeoPoint_mlo:longitude" (ID, "mlo:longitude");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:state_ID_ID" ON "mlo:GeoPoint_mlo:state" (ID, "mlo:state");
CREATE UNIQUE INDEX "mlo:GeoPoint_mlo:timestamp_ID_ID" ON "mlo:GeoPoint_mlo:timestamp" (ID, "mlo:timestamp");
CREATE UNIQUE INDEX "mlo:GeoSphere_mlo:radius_ID_ID" ON "mlo:GeoSphere_mlo:radius" (ID, "mlo:radius");
CREATE UNIQUE INDEX "mlo:LandmarkCategory_mlo:isRemovable_ID_ID" ON "mlo:LandmarkCategory_mlo:isRemovable" (ID, "mlo:isRemovable");
CREATE UNIQUE INDEX "mlo:Landmark_mlo:belongsToCategory_ID_ID" ON "mlo:Landmark_mlo:belongsToCategory" (ID, "mlo:belongsToCategory");
CREATE UNIQUE INDEX "mlo:Landmark_mlo:poiLocation_ID_ID" ON "mlo:Landmark_mlo:poiLocation" (ID, "mlo:poiLocation");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxEastLimit_ID_ID" ON "mlo:LocationBoundingBox_mlo:boxEastLimit" (ID, "mlo:boxEastLimit");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxNorthLimit_ID_ID" ON "mlo:LocationBoundingBox_mlo:boxNorthLimit" (ID, "mlo:boxNorthLimit");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxSouthWestCorner_ID_ID" ON "mlo:LocationBoundingBox_mlo:boxSouthWestCorner" (ID, "mlo:boxSouthWestCorner");
CREATE UNIQUE INDEX "mlo:LocationBoundingBox_mlo:boxVerticalLimit_ID_ID" ON "mlo:LocationBoundingBox_mlo:boxVerticalLimit" (ID, "mlo:boxVerticalLimit");
CREATE UNIQUE INDEX "mlo:Route_mlo:endTime_ID_ID" ON "mlo:Route_mlo:endTime" (ID, "mlo:endTime");
CREATE UNIQUE INDEX "mlo:Route_mlo:routeDetails_ID_ID" ON "mlo:Route_mlo:routeDetails" (ID, "mlo:routeDetails");
CREATE UNIQUE INDEX "mlo:Route_mlo:startTime_ID_ID" ON
CREATE UNIQUE INDEX "mlo:Route_mlo:startTime" (ID, "mlo:startTime");
CREATE UNIQUE INDEX "mto:Transfer_mto:transferList_ID_ID" ON
"mto:Transfer_mto:transferList" (ID, "mto:transferList");
CREATE UNIQUE INDEX "mto:Transfer_mto:transferPrivacyLevel_ID_ID" ON
"mto:Transfer_mto:transferPrivacyLevel" (ID,
"mto:transferPrivacyLevel");
CREATE UNIQUE INDEX "mto:UploadTransfer_mto:transferCategory_ID_ID" ON
"mto:UploadTransfer_mto:transferCategory" (ID,
"mto:transferCategory");
CREATE UNIQUE INDEX "nao:Tag_tracker:isDefaultTag_ID_ID" ON
"nao:Tag_tracker:isDefaultTag" (ID, "tracker:isDefaultTag");
CREATE UNIQUE INDEX "nao:Tag_tracker:tagRelatedTo_ID_ID" ON
"nao:Tag_tracker:tagRelatedTo" (ID, "tracker:tagRelatedTo");
CREATE UNIQUE INDEX "ncal:Alarm_ncal:action_ID_ID" ON
"ncal:Alarm_ncal:action" (ID, "ncal:action");
CREATE UNIQUE INDEX "ncal:BydayRulePart_ncal:bydayModifier_ID_ID" ON
"ncal:BydayRulePart_ncal:bydayModifier" (ID, "ncal:bydayModifier");
CREATE UNIQUE INDEX "ncal:BydayRulePart_ncal:bydayWeekday_ID_ID" ON
"ncal:BydayRulePart_ncal:bydayWeekday" (ID, "ncal:bydayWeekday");
CREATE UNIQUE INDEX "ncal:Calendar_ncal:component_ID_ID" ON
"ncal:Calendar_ncal:component" (ID, "ncal:component");
CREATE UNIQUE INDEX "ncal:Freebusy_ncal:freebusy_ID_ID" ON
"ncal:Freebusy_ncal:freebusy" (ID, "ncal:freebusy");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byday_ID_ID" ON
"ncal:RecurrenceRule_ncal:byday" (ID, "ncal:byday");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byhour_ID_ID" ON
"ncal:RecurrenceRule_ncal:byhour" (ID, "ncal:byhour");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byminute_ID_ID" ON
"ncal:RecurrenceRule_ncal:byminute" (ID, "ncal:byminute");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bymonth_ID_ID" ON
"ncal:RecurrenceRule_ncal:bymonth" (ID, "ncal:bymonth");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bymonthday_ID_ID" ON
"ncal:RecurrenceRule_ncal:bymonthday" (ID, "ncal:bymonthday");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bysecond_ID_ID" ON
"ncal:RecurrenceRule_ncal:bysecond" (ID, "ncal:bysecond");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:bysetpos_ID_ID" ON
"ncal:RecurrenceRule_ncal:bysetpos" (ID, "ncal:bysetpos");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byweekno_ID_ID" ON
"ncal:RecurrenceRule_ncal:byweekno" (ID, "ncal:byweekno");
CREATE UNIQUE INDEX "ncal:RecurrenceRule_ncal:byyearday_ID_ID" ON
"ncal:RecurrenceRule_ncal:byyearday" (ID, "ncal:byyearday");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:attach_ID_ID" ON
"ncal:UnionParentClass_ncal:attach" (ID, "ncal:attach");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:attendee_ID_ID" ON
"ncal:UnionParentClass_ncal:attendee" (ID, "ncal:attendee");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:categories_ID_ID" ON
"ncal:UnionParentClass_ncal:categories" (ID, "ncal:categories");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:exdate_ID_ID" ON
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:exdate" (ID, "ncal:exdate");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:exrule_ID_ID" ON
"ncal:UnionParentClass_ncal:exrule" (ID, "ncal:exrule");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:hasAlarm_ID_ID" ON
"ncal:UnionParentClass_ncal:hasAlarm" (ID, "ncal:hasAlarm");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:ncalRelation_ID_ID" ON
"ncal:UnionParentClass_ncal:ncalRelation" (ID, "ncal:ncalRelation");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:rdate_ID_ID" ON
"ncal:UnionParentClass_ncal:rdate" (ID, "ncal:rdate");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:relatedToChild_ID_ID"
ON "ncal:UnionParentClass_ncal:relatedToChild" (ID,
"ncal:relatedToChild");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:relatedToParent_ID_ID"
ON "ncal:UnionParentClass_ncal:relatedToParent" (ID,
"ncal:relatedToParent");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:resources_ID_ID" ON
"ncal:UnionParentClass_ncal:resources" (ID, "ncal:resources");
CREATE UNIQUE INDEX "ncal:UnionParentClass_ncal:rrule_ID_ID" ON
"ncal:UnionParentClass_ncal:rrule_ID_ID" (ID, "ncal:rrule");
CREATE UNIQUE INDEX "nco:Affiliation_nco:title_ID_ID" ON
"nco:Affiliation_nco:title" (ID, "nco:title");
CREATE UNIQUE INDEX "nco:ContactList_nco:containsContact_ID_ID" ON
"nco:ContactList_nco:containsContact" (ID, "nco:containsContact");
CREATE UNIQUE INDEX "nco:Contact_ncal:anniversary_ID_ID" ON
"nco:Contact_ncal:anniversary" (ID, "ncal:anniversary");
CREATE UNIQUE INDEX "nco:Contact_ncal:birthday_ID_ID" ON
"nco:Contact_ncal:birthday" (ID, "ncal:birthday");
CREATE UNIQUE INDEX "nco:Contact_nco:belongsToGroup_ID_ID" ON
"nco:Contact_nco:belongsToGroup" (ID, "nco:belongsToGroup");
CREATE UNIQUE INDEX "nco:Contact_nco:note_ID_ID" ON
"nco:Contact_nco:note" (ID, "nco:note");
CREATE UNIQUE INDEX "nco:Contact_scal:anniversary_ID_ID" ON
"nco:Contact_scal:anniversary" (ID, "scal:anniversary");
CREATE UNIQUE INDEX "nco:Contact_scal:birthday_ID_ID" ON
"nco:Contact_scal:birthday" (ID, "scal:birthday");
CREATE UNIQUE INDEX "nco:IMAccount_nco:hasIMContact_ID_ID" ON
"nco:IMAccount_nco:hasIMContact" (ID, "nco:hasIMContact");
CREATE UNIQUE INDEX "nco:IMAddress_nco:imCapability_ID_ID" ON
"nco:IMAddress_nco:imCapability" (ID, "nco:imCapability");
CREATE UNIQUE INDEX "nco:PersonContact_nco:hasAffiliation_ID_ID" ON
"nco:PersonContact_nco:hasAffiliation" (ID, "nco:hasAffiliation");
CREATE INDEX "nco:PersonContact_nco:nameFamily" ON "nco:PersonContact"
("nco:nameFamily");
CREATE INDEX "nco:PhoneNumber_nco:phoneNumber" ON "nco:PhoneNumber"
("nco:phoneNumber");
CREATE UNIQUE INDEX "nco:Role_nco:blogUrl_ID_ID" ON
"nco:Role_nco:blogUrl" (ID, "nco:blogUrl");
CREATE UNIQUE INDEX "nco:Role_nco:foafUrl_ID_ID" ON
"nco:Role_nco:foafUrl" (ID, "nco:foafUrl");
CREATE UNIQUE INDEX "nco:Role_nco:name" ON "nco:Role" (ID, "nco:name");
CREATE INDEX "nco:Role_nco:person" ON "nco:Role" ("nco:person");
"nie:DataObject_nie:isPartOf" (ID, "nie:isPartOf");
CREATE INDEX "nie:DataObject_nie:url" ON "nie:DataObject" ("nie:url");
CREATE INDEX "nie:InformationElement_mlo:location_ID" ON
"nie:InformationElement_mlo:location" (ID);
CREATE UNIQUE INDEX "nie:InformationElement_mlo:location_ID_ID" ON
"nie:InformationElement_mlo:location" ("mlo:location", ID);
CREATE UNIQUE INDEX "nie:InformationElement_nao:hasProperty_ID_ID" ON
"nie:InformationElement_nao:hasProperty" (ID, "nao:hasProperty");
CREATE UNIQUE INDEX "nie:InformationElement_nco:contributor_ID_ID" ON
"nie:InformationElement_nco:contributor" (ID, "nco:contributor");
CREATE UNIQUE INDEX "nie:InformationElement_nco:creator_ID_ID" ON
"nie:InformationElement_nco:creator" (ID, "nco:creator");
CREATE UNIQUE INDEX "nie:InformationElement_nie:hasLogicalPart_ID_ID" ON
"nie:InformationElement_nie:hasLogicalPart" (ID,
"nie:hasLogicalPart");
CREATE UNIQUE INDEX "nie:InformationElement_nie:hasPart_ID_ID" ON
"nie:InformationElement_nie:hasPart" (ID, "nie:hasPart");
CREATE UNIQUE INDEX
"nie:InformationElement_nie:informationElementDate_ID_ID" ON
"nie:InformationElement_nie:informationElementDate" (ID,
"nie:informationElementDate");
CREATE UNIQUE INDEX "nie:InformationElement_nie:isLogicalPartOf_ID_ID" ON
"nie:InformationElement_nie:isLogicalPartOf" (ID,
"nie:isLogicalPartOf");
CREATE UNIQUE INDEX "nie:InformationElement_nie:keyword_ID_ID" ON
"nie:InformationElement_nie:keyword" (ID, "nie:keyword");
CREATE UNIQUE INDEX "nie:InformationElement_nie:relatedTo_ID_ID" ON
"nie:InformationElement_nie:relatedTo" (ID, "nie:relatedTo");
CREATE INDEX "nie:InformationElement_slo:location" ON
"nie:InformationElement" ("slo:location");
CREATE INDEX "nmm:Artist_nmm:artistName" ON "nmm:Artist" ("nmm:artistName");
CREATE INDEX "nmm:MusicAlbum_nie:title" ON "nmm:MusicAlbum" ("nie:title");
CREATE UNIQUE INDEX "nmm:MusicAlbum_nmm:albumArtist_ID_ID" ON
"nmm:MusicAlbum_nmm:albumArtist" (ID, "nmm:albumArtist");
CREATE INDEX "nmm:MusicPiece_nie:title" ON "nmm:MusicPiece" ("nie:title");
CREATE UNIQUE INDEX "nmm:MusicPiece_nmm:lyrics_ID_ID" ON
"nmm:MusicPiece_nmm:lyrics" (ID, "nmm:lyrics");
CREATE INDEX "nmm:MusicPiece_nmm:musicAlbum" ON "nmm:MusicPiece"
("nmm:musicAlbum");
CREATE INDEX "nmm:MusicPiece_nmm:performer" ON "nmm:MusicPiece"
("nmm:performer");
CREATE UNIQUE INDEX "nmm:RadioStation_nmm:carrier_ID_ID" ON
"nmm:RadioStation_nmm:carrier" (ID, "nmm:carrier");
CREATE UNIQUE INDEX "nmm:Video_mtp:scantype_ID_ID" ON
"nmm:Video_mtp:scantype" (ID, "mtp:scantype");
CREATE UNIQUE INDEX "nmm:Video_nmm:director_ID_ID" ON
"nmm:Video_nmm:director" (ID, "nmm:director");
CREATE UNIQUE INDEX "nmm:Video_nmm:leadActor_ID_ID" ON
CREATE UNIQUE INDEX "nmm:Video_nmm:subtitle_ID_ID" ON "nmm:Video_nmm:subtitle" (ID, "nmm:subtitle");
CREATE INDEX "nmo:Call_nmo:sentDate" ON "nmo:Call" ("nmo:sentDate");
CREATE INDEX "nmo:CommunicationChannel_nmo:hasParticipant_ID" ON "nmo:CommunicationChannel_nmo:hasParticipant" (ID);
CREATE UNIQUE INDEX "nmo:CommunicationChannel_nmo:hasParticipant_ID_ID" ON "nmo:CommunicationChannel_nmo:hasParticipant" (ID);
CREATE INDEX "nmo:CommunicationChannel_nmo:hasParticipant" ON "nmo:CommunicationChannel_nmo:hasParticipant" ("nmo:hasParticipant", ID);
CREATE INDEX "nmo:CommunicationChannel_nmo:lastMessageDate" ON "nmo:CommunicationChannel" ("nmo:lastMessageDate");
CREATE UNIQUE INDEX "nmo:Email_nmo:contentMimeType_ID_ID" ON "nmo:Email_nmo:contentMimeType" (ID, "nmo:contentMimeType");
CREATE UNIQUE INDEX "nmo:Message_nmo:bcc_ID_ID" ON "nmo:Message_nmo:bcc" (ID, "nmo:bcc");
CREATE UNIQUE INDEX "nmo:Message_nmo:cc_ID_ID" ON "nmo:Message_nmo:cc" (ID, "nmo:cc");
CREATE INDEX "nmo:Message_nmo:communicationChannel" ON "nmo:Message" ("nmo:communicationChannel", "nmo:receivedDate");
CREATE INDEX "nmo:Message_nmo:conversation" ON "nmo:Message" ("nmo:conversation");
CREATE INDEX "nmo:Message_nmo:from" ON "nmo:Message" ("nmo:from");
CREATE UNIQUE INDEX "nmo:Message_nmo:hasAttachment_ID_ID" ON "nmo:Message_nmo:hasAttachment" (ID, "nmo:hasAttachment");
CREATE UNIQUE INDEX "nmo:Message_nmo:inReplyTo_ID_ID" ON "nmo:Message_nmo:inReplyTo" (ID, "nmo:inReplyTo");
CREATE UNIQUE INDEX "nmo:Message_nmo:messageHeader_ID_ID" ON "nmo:Message_nmo:messageHeader" (ID, "nmo:messageHeader");
CREATE UNIQUE INDEX "nmo:Message_nmo:recipient_ID_ID" ON "nmo:Message_nmo:recipient" (ID, "nmo:recipient");
CREATE UNIQUE INDEX "nmo:Message_nmo:references_ID_ID" ON "nmo:Message_nmo:references" (ID, "nmo:references");
CREATE INDEX "nmo:Message_nmo:sender" ON "nmo:Message" ("nmo:sender");
CREATE INDEX "nmo:Message_nmo:sentDate" ON "nmo:Message" ("nmo:sentDate");
CREATE INDEX "nmo:Message_nmo:to_ID" ON "nmo:Message_nmo:to" (ID);
CREATE UNIQUE INDEX "nmo:Message_nmo:to_ID_ID" ON "nmo:Message_nmo:to" ("nmo:to", ID);
CREATE UNIQUE INDEX "nmo:MimePart_nmo:mimeHeader_ID_ID" ON "nmo:MimePart_nmo:mimeHeader" (ID, "nmo:mimeHeader");
CREATE UNIQUE INDEX "nmo:Multpart_nmo:partBoundary_ID_ID" ON "nmo:Multpart_nmo:partBoundary" (ID, "nmo:partBoundary");
CREATE UNIQUE INDEX "nmo:PhoneMessageFolder_nmo:containsPhoneMessageFolder_ID_ID" ON "nmo:PhoneMessageFolder_nmo:containsPhoneMessageFolder" (ID, "nmo:containsPhoneMessageFolder");
CREATE UNIQUE INDEX "nmo:PhoneMessageFolder_nmo:containsPhoneMessage_ID_ID" ON
CREATE UNIQUE INDEX "nmo:PhoneMessage_nmo:containsPhoneMessage" (ID, "nmo:containsPhoneMessage");
CREATE UNIQUE INDEX "nmo:PhoneMessage_nmo:toVCard_ID_ID" ON "nmo:PhoneMessage_nmo:toVCard" (ID, "nmo:toVCard");
CREATE UNIQUE INDEX "rdf:Property_rdfs:subPropertyOf_ID_ID" ON "rdf:Property_rdfs:subPropertyOf" (ID, "rdfs:subPropertyOf");
CREATE UNIQUE INDEX "rfds:Class_rdfs:subClassOf_ID_ID" ON "rfds:Class_rdfs:subClassOf" (ID, "rdfs:subClassOf");
CREATE UNIQUE INDEX "rfds:Resource_nao:isRelated_ID_ID" ON "rfds:Resource_nao:isRelated" (ID, "nao:isRelated");
CREATE UNIQUE INDEX "rfds:Resource_rdf:type_ID_ID" ON "rfds:Resource_rdf:type" (ID, "rdf:type");
CREATE INDEX "rfds:Resource_tracker:added" ON "rfds:Resource" ("tracker:added");
CREATE UNIQUE INDEX "scal:Attendee_scal:delegated-from_ID_ID" ON "scal:Attendee_scal:delegated-from" (ID, "scal:delegated-from");
CREATE UNIQUE INDEX "scal:Attendee_scal:delegated-to_ID_ID" ON "scal:Attendee المملא:delegated-to" (ID, "scal:delegated-to");
CREATE UNIQUE INDEX "scal:Attendee_scal:member_ID_ID" ON "scal:Attendee المملא:member" (ID, "scal:member");
CREATE UNIQUE INDEX "scal:Attendee_scal:sent-by_ID_ID" ON "scal:Attendee المملא:sent-by" (ID, "scal:sent-by");
CREATE UNIQUE INDEX "scal:CalendarAlarm_scal:alarmAttendee_ID_ID" ON "scal:CalendarAlarm المملא:alarmAttendee" (ID, "scal:alarmAttendee");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:access_ID_ID" ON "scal:CalendarItem المملא:access" (ID, "scal:access");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:attachment_ID_ID" ON "scal:CalendarItem المملא:attachment" (ID, "scal:attachment");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:attendee_ID_ID" ON "scal:CalendarItem المملא:attendee" (ID, "scal:attendee");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:belongsToCalendar_ID_ID" ON "scal:CalendarItem المملא:belongsToCalendar" (ID, "scal:belongsToCalendar");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:contact_ID_ID" ON "scal:CalendarItem المملא:contact" (ID, "scal:contact");
CREATE UNIQUE INDEX "scal:CalendarItem_scal:rrule_ID_ID" ON "scal:CalendarItem_scal:rrule" (ID, "scal:rrule");
CREATE INDEX "slo:GeoLocation_slo:postalAddress" ON "slo:GeoLocation" ("slo:postalAddress");
CREATE UNIQUE INDEX "slo:Landmark_slo:belongsToCategory_ID_ID" ON "slo:Landmark_slo:belongsToCategory" (ID, "slo:belongsToCategory");
CREATE UNIQUE INDEX "slo:Landmark_slo:hasContact_ID_ID" ON "slo:Landmark_slo:hasContact" (ID, "slo:hasContact");
CREATE UNIQUE INDEX "slo:Route_slo:routeDetails_ID_ID" ON "slo:Route_slo:routeDetails" (ID, "slo:routeDetails");

EXPLAIN SELECT "1_u", (SELECT "nco:fullname" FROM "nco:Contact" WHERE ID = "1_u") COLLATE NOCASE, (SELECT "nco:nameFamily" FROM "nco:PersonContact" WHERE ID = "1_u") COLLATE NOCASE, (SELECT "nco:nameGiven" FROM "nco:PersonContact" WHERE ID = "1_u") COLLATE NOCASE, (SELECT "nco:nameAdditional" FROM "nco:PersonContact" WHERE ID = "1_u") COLLATE NOCASE, (SELECT "nco:nameHonorificPrefix" FROM "nco:PersonContact" WHERE ID = "1_u") COLLATE NOCASE, (SELECT "nco:nameHonorificSuffix" FROM "nco:PersonContact" WHERE ID = "1_u") COLLATE NOCASE, (SELECT "nco:nickname" FROM "nco:Contact" WHERE ID = "1_u") COLLATE NOCASE, strftime("%s",(SELECT "nco:birthDate" FROM "nco:Contact" WHERE ID = "1_u")), (SELECT "nie:url" FROM "nie:DataObject" WHERE ID = (SELECT "nco:photo" FROM "nco:Contact" WHERE ID = "1_u")) COLLATE NOCASE, (SELECT GROUP_CONCAT("2_u"||? COLLATE NOCASE||COALESCE((SELECT "nco:imProtocol" FROM "nco:IMAddress" WHERE ID = "3_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT "nco:imID" FROM "nco:IMAddress" WHERE ID = "3_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT "nco:imNickname" FROM "nco:IMAddress" WHERE ID = "3_u") COLLATE NOCASE, ? COLLATE NOCASE), '
') FROM (SELECT "nco:PersonContact_nco:hasAffiliation2"."nco:hasAffiliation" AS "2_u", "nco:Role_nco:hasIMAddress3"."nco:hasIMAddress" AS "3_u" FROM "nco:PersonContact_nco:hasAffiliation" AS "nco:PersonContact_nco:hasAffiliation2", "nco:Role_nco:hasIMAddress" AS "nco:Role_nco:hasIMAddress2"), "nco:PersonContact_nco:hasAffiliation2"."nco:hasAffiliation" AS "2_u", "nco:Role_nco:hasIMAddress3"."nco:hasIMAddress" AS "3_u" FROM "nco:PersonContact_nco:hasAffiliation" AS "nco:PersonContact_nco:hasAffiliation2" WHERE "1_u" = "nco:PersonContact_nco:hasAffiliation2"."ID" AND "nco:PersonContact_nco:hasAffiliation2"."nco:person" = "nco:PersonContact_nco:hasIMAddress3"."ID"), (SELECT GROUP_CONCAT("2_u"||? COLLATE NOCASE||COALESCE((SELECT "nco:phoneNumber" FROM "nco:PhoneNumber" WHERE ID = "4_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT "nco:hasAffiliation" FROM "nco:PersonContact_nco:hasAffiliation4"."nco:hasAffiliation" AS "2_u", "nco:Role_nco:hasPhoneNumber5"."nco:hasPhoneNumber" AS "4_u" FROM "nco:PersonContact_nco:hasAffiliation" AS "nco:PersonContact_nco:hasAffiliation4", "nco:PersonContact_nco:hasPhoneNumber" AS "nco:Role_nco:hasPhoneNumber5"
WHERE "1_u" = "nco:PersonContact_nco:hasAffiliation4"."ID" AND "nco:PersonContact_nco:hasAffiliation4"."nco:hasAffiliation" = "nco:Role_nco:hasPhoneNumber5"."ID"),(SELECT GROUP_CONCAT("2_u")? COLLATE NOCASE|| (SELECT "nco:emailAddress" FROM "nco:EmailAddress" WHERE ID = "5_u") COLLATE NOCASE, ") FROM (SELECT "nco:PersonContact_nco:hasAffiliation6","nco:hasAffiliation" AS "2_u" FROM "nco:PersonContact_nco:hasAffiliation6"."ID" AND "nco:PersonContact_nco:hasAffiliation6"."nco:hasAffiliation" = "nco:Role_nco:hasEmailAddress7" AS "5_u" FROM "nco:PersonContact_nco:hasAffiliation6"."ID") AS (SELECT GROUP_CONCAT("2_u"||? COLLATE NOCASE||"2_u"||COALESCE((SELECT "nco:role" FROM "nco:Affiliation" WHERE ID = "2_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE NOCASE||"nco:department" FROM "nco:Affiliation" WHERE ID = "2_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT GROUP_CONCAT("nco:title",',') FROM "nco:Affiliation_nco:title" WHERE ID = "2_u"), ? COLLATE NOCASE), 
"nco:PersonContact_nco:hasAffiliation6", "nco:Role_nco:hasEmailAddress7" AS "nco:PersonContact_nco:hasAffiliation6" WHERE "1_u" = "nco:PersonContact_nco:hasAffiliation6"."ID" AND "nco:PersonContact_nco:hasAffiliation6"."nco:hasAffiliation" = "nco:Role_nco:hasEmailAddress7"."ID"),(SELECT GROUP_CONCAT("2_u")? COLLATE NOCASE||COALESCE((SELECT GROUP_CONCAT("nco:blogUrl" WHERE ID = "2_u") COLLATE NOCASE)|? COLLATE NOCASE||COALESCE((SELECT GROUP_CONCAT("nco:websiteUrl" WHERE ID = "2_u") COLLATE NOCASE)|? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT GROUP_CONCAT("nco:url" WHERE ID = "2_u") COLLATE NOCASE)|? COLLATE NOCASE) FROM (SELECT "nco:PersonContact_nco:hasAffiliation8"."nco:hasAffiliation" AS "2_u" FROM "nco:PersonContact_nco:hasAffiliation8"."ID"),(SELECT GROUP_CONCAT("6_u", ',') FROM (SELECT "rdfs:Resource_nao:hasTag9"."nao:hasTag" AS "6_u" FROM "rdfs:Resource_nao:hasTag" WHERE "1_u" = "rdfs:Resource_nao:hasTag9"."ID")) AS (SELECT GROUP_CONCAT("nco:note",',') FROM "nco:Contact_nco:note" WHERE ID = "1_u"), (SELECT "nco:gender" FROM "nco:PersonContact" WHERE ID = "1_u"), (SELECT GROUP_CONCAT("2_u"||? COLLATE NOCASE||COALESCE((SELECT "nco:pobox" FROM "nco:PostalAddress" WHERE ID = "7_u") COLLATE NOCASE, ? COLLATE NOCASE), 
"nco:PersonContact_nco:hasAffiliation10"."nco:hasAffiliation" AS "2_u" FROM "nco:PersonContact_nco:hasAffiliation10"."ID") AS (SELECT GROUP_CONCAT("nco:note",',') FROM "nco:Contact_nco:note" WHERE ID = "1_u"), (SELECT "nco:gender" FROM "nco:PersonContact" WHERE ID = "1_u"), (SELECT GROUP_CONCAT("2_u")? COLLATE NOCASE||COALESCE((SELECT "nco:role" FROM "nco:Affiliation" WHERE ID = "2_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT GROUP_CONCAT("nco:title",',') FROM "nco:Affiliation_nco:title" WHERE ID = "2_u"), ? COLLATE NOCASE), 
"nco:PersonContact_nco:hasAffiliation10", "nco:hasAffiliation" AS "2_u" FROM "nco:PersonContact_nco:hasAffiliation10"."ID"),(SELECT GROUP_CONCAT("nco:note",',') FROM "nco:Contact_nco:note" WHERE ID = "1_u"), (SELECT "nco:gender" FROM "nco:PersonContact" WHERE ID = "1_u"), (SELECT GROUP_CONCAT("2_u")? COLLATE NOCASE||COALESCE((SELECT "nco:role" FROM "nco:Affiliation" WHERE ID = "2_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT GROUP_CONCAT("nco:title",',') FROM "nco:Affiliation_nco:title" WHERE ID = "2_u"), ? COLLATE NOCASE), 
"nco:PersonContact_nco:hasAffiliation10", "nco:hasAffiliation" AS "2_u" FROM "nco:PersonContact_nco:hasAffiliation10"."ID") AS (SELECT GROUP_CONCAT("nco:note",',') FROM "nco:Contact_nco:note" WHERE ID = "1_u"), (SELECT "nco:gender" FROM "nco:PersonContact" WHERE ID = "1_u"), (SELECT GROUP_CONCAT("2_u")? COLLATE NOCASE||COALESCE((SELECT "nco:role" FROM "nco:Affiliation" WHERE ID = "2_u") COLLATE NOCASE, ? COLLATE NOCASE)||? COLLATE NOCASE||COALESCE((SELECT GROUP_CONCAT("nco:title",',') FROM "nco:Affiliation_nco:title" WHERE ID = "2_u"), ? COLLATE NOCASE), 
"nco:PersonContact_nco:hasAffiliation10", "nco:hasAffiliation" AS "2_u" FROM "nco:PersonContact_nco:hasAffiliation10"."ID")
without a shared lock, other processes are free to modify the database

<h3>Proprietary SQLite Extensions</h3>

But there also exist proprietary, licensed extensions to SQLite, written and maintained by the creators of SQLite. You are welcomed to use SQLite in closed source, proprietary, and/or restricted environments.

Suppose the demo_data.boundary field holds some proprietary data description.

Rather than using fopen() to write XML or some proprietary format into a file, you can use the B-tree index to store the data in a more efficient manner.

# 2006 September 14
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS2 is defined, omit this file.
if capable !fts2 {
    finish_test
    return
}

# Create a table of sample email data. The data comes from email
# archives of Enron executives that was published as part of the
# litigation against that company.
#
do_test fts2c-1.1 {
    db eval {
        CREATE VIRTUAL TABLE email USING fts2([from],[to],subject,body);
        BEGIN TRANSACTION;
        INSERT INTO email([from],[to],subject,body) VALUES('savita.puthigai@enron.com', 'traders.eol@enron.com,
        traders.eol@enron.com', 'EnronOnline- Change to Autohedge', 'Effective Monday, October 22, 2001 the following
        changes will be made to the Autohedge functionality on EnronOnline.

        The volume on the hedge will now respect the minimum volume and volume increment settings on the parent
        product. See rules below:

        ?If the transaction volume on the child is less than half of the parent’s minimum volume no hedge will occur.
        ?If the transaction volume on the child is more than half the parent’s minimum volume but less than half the volume
        increment on the parent, the hedge will volume will be the parent’s minimum volume.
        ?For all other volumes, the same rounding rules will apply based on the volume increment on the parent product.

        Please see example below:

        Parent’s Settings:
        Minimum: 5000
        Increment: 1000

        Volume on Autohedge transactionVolume Hedged
        1   - 24990
2500 - 54995000
5500 - 64996000)

INSERT INTO email([from],[to],subject,body) VALUES('dana.davis@enron.com', 'laynie.east@enron.com,
lisa.king@enron.com, lisa.best@enron.com', 'Leaving Early', 'FYI:
If it’s ok with everyone’s needs, I would like to leave @4pm. If you think
you will need my assistance past the 4 o’clock hour just let me know; I’ll
be more than willing to stay.‘);

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com',
louise.kitchen@enron.com', '<<Concur Expense Document>> - CC02.06.02', 'The following expense report is ready
for approval:

Employee Name: Christopher F. Calger
Status last changed by: Mollie E. Gustafson Ms
Expense Report Name: CC02.06.02
Report Total: $3,972.93
Amount Due Employee: $3,972.93

To approve this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com);

INSERT INTO email([from],[to],subject,body) VALUES('jeff.duff@enron.com', 'julie.johnson@enron.com', 'Work
request', 'Julie,
Could you print off the current work request report by 1:30 today?

Gentlemen,

I’d like to review this today at 1:30 in our office. Also, could you provide
me with your activity reports so I can have Julie enter this information.

JD);

INSERT INTO email([from],[to],subject,body) VALUES('v.weldon@enron.com', 'gary.l.carrier@usa.dupont.com,
scott.joyce@bankofamerica.com', 'Enron News', 'This could turn into something big....
http://biz.yahoo.com/rf/010129/n29305829.html);

INSERT INTO email([from],[to],subject,body) VALUES('mark.haedicke@enron.com', 'paul.simons@enron.com',
'Re: First Polish Deal!', 'Congrats! Things seem to be building rapidly now on the Continent. Mark');

INSERT INTO email([from],[to],subject,body) VALUES('e..carter@enron.com', 't..robinson@enron.com', 'FW:
Producers Newsletter 9-24-2001', '
The producer lumber pricing sheet.
-----Original Message-----
From: Johnson, Jay
Sent:Tuesday, October 16, 2001 3:42 PM
To:Carter, Karen E.
Subject:FW: Producers Newsletter 9-24-2001

-----Original Message-----
From: Daigre, Sergai  
Sent: Friday, September 21, 2001 8:33 PM  
Subject: Producers Newsletter 9-24-2001

I spoke to Max and he agrees with this approach.

I hope this meets with your approval.

Regards
Delainey');

------Original Message------
From: Bisbee, Joanne  
Sent: Wednesday, September 26, 2001 7:50 AM  
To: Fenceroy, LaChandra  
Subject: FW: Bus Applications Meeting Follow Up

Lachandra, Please get with David Duff today and see what this is about. Who are our TW accounting business users?

------Original Message------
From: Koh, Wendy  
Sent: Tuesday, September 25, 2001 2:41 PM  
To: Bisbee, Joanne  
Subject: Bus Applications Meeting Follow Up

Lisa brought up a TW change effective Nov 1. It involves eliminating a turnback surcharge. I have no other information, but you might check with the business folks for any system changes required.
Wendy');

INSERT INTO email([from],[to],subject,body) VALUES('danny.mccarty@enron.com', 'fran.fagan@enron.com', 'RE: worksheets', 'Fran,

If Julie’s merit needs to be lump sum, just move it over to that column. Also, send me Eric Gadd’s sheets as well.

Thanks.
Dan

-----Original Message-----
From: Fagan, Fran
Sent:Thursday, December 20, 2001 11:10 AM
To:McCarty, Danny
Subject:worksheets

As discussed, attached are your sheets for bonus and merit.

Thanks,

Fran Fagan
Sr. HR Rep
713.853.5219

 hiệp File: McCartyMerit.xls >>  hiệp File: mccartyBonusCommercial_UnP.xls >>

');

INSERT INTO email([from],[to],subject,body) VALUES('bert.meyers@enron.com', 'shift.dl-portland@enron.com', 'OCTOBER SCHEDULE', 'TEAM,

Please send me any requests that you have for October. So far I have them for LEAF. I would like to have it done by the 15th of the month. Any questions please give me a call.

BERT);

INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'john.arnold@enron.com, bilal.bajwa@enron.com, john.griffith@enron.com.', 'TRV Notification: (NG - PROPT P/L - 09/27/2001)', 'The report named: NG - PROPT P/L <http://trv.corp.enron.com/linkFromExcel.asp?report_cd=11&report_name=NG+-+PROPT+P/L&category_cd=5&category_name=FINANCIAL&toc_hide=1&sTV1=5&TV1Exp=Y&current_efct_date=09/27/2001>, published as of 09/27/2001 is now available for viewing on the website.);

INSERT INTO email([from],[to],subject,body) VALUES('patrice.mims@enron.com', 'calvin.eakins@enron.com', 'Re: Small business supply assistance', 'Hi Calvin

I spoke with Rickey (boy, is he long-winded!!). Gave him the name of our credit guy, Russell Diamond.

Thank for your help!');

INSERT INTO email([from],[to],subject,body) VALUES('legal <.hall@enron.com>', 'stephanie.panus@enron.com', 'Termination update', 'City of Vernon and Salt River Project terminated their contracts. I will fax these notices to
INSERT INTO email([from],[to],subject,body) VALUES('d..steffes@enron.com', 'richard.shapiro@enron.com', 'EES / ENA Government Affairs Staffing & Outside Services', 'Rick --

Here is the information on staffing and outside services. Call if you need anything else.

Jim

');
INSERT INTO email([from],[to],subject,body) VALUES('gelliott@industrialinfo.com', 'pcopello@industrialinfo.com', 'ECAAR (Gavin), WSCC (Diablo Canyon), & NPCC (Seabrook)', 'Dear Power Outage Database Customer,

Attached you will find an excel document. The outages contained within are forced or rescheduled outages. Your daily delivery will still contain these outages.

In addition to the two excel documents, there is a dbf file that is formatted like your daily deliveries you receive nightly. This will enable you to load the data into your regular database. Any questions please let me know. Thanks.

Greg Elliott
IIR, Inc.
713-783-5147 x 3481
goutages@industrialinfo.com

THE INFORMATION CONTAINED IN THIS E-MAIL IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPY OF THIS E-MAIL TO UNAUTHORIZED ENTITIES IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS E-MAIL IN ERROR, PLEASE DELETE IT.

- OUTAGE.dbf
- 111201R.xls
- 111201.xls ');
INSERT INTO email([from],[to],subject,body) VALUES('enron.announcements@enron.com', 'all_ena_egm_eim@enron.com', 'EWS Brown Bag', 'MARK YOUR LUNCH CALENDARS NOW!
You are invited to attend the EWS Brown Bag Lunch Series

Featuring: RAY BOWEN, COO

Topic: Enron Industrial Markets

Thursday, March 15, 2001
11:30 am - 12:30 pm
EB 5 C2

You bring your lunch, Limited Seating
We provide drinks and dessert. RSVP x 3-9610');
INSERT INTO email([from],[to],subject,body) VALUES('chris.germany@enron.com', 'ingrid.immer@williams.com', 'Re: About St Pauls', 'Sounds good to me. I bet this is next to the Warick?? Hotel.'
Chris,

I like the looks of this place. What do you think about going here Christmas eve?? They have an 11:00 a.m. service and a candlelight service at 5:00 p.m., among others.

Let me know.?? ii

- About St Pauls

');
INSERT INTO email([from],[to],subject,body) VALUES('nas@cpuc.ca.gov', 'skatz@sempratrading.com, kmcrcr@ablaw.com, thompson@wrightlaw.com,', 'Reply Brief filed July 31, 2000', ' - CPUC01-#76371-v1-Revised_Reply_Brief_Due_today_7_31_.doc');
INSERT INTO email([from],[to],subject,body) VALUES('gascontrol@aglresources.com', 'dscott4@enron.com, lcampbel@enron.com', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder', 'Alert Posted 10:00 AM November 20,2000: E-GAS Request Reminder
As discussed in the Winter Operations Meeting on Sept.29,2000,
E-Gas(Emergency Gas) will not be offered this winter as a service from AGLC. 
Marketers and Poolers can receive gas via Peaking and IBSS nominations(daisy chain) from other marketers up to the 6 p.m. Same Day 2 nomination cycle.
');
INSERT INTO email([from],[to],subject,body) VALUES('dutch.quigley@enron.com', 'rwolkwitz@powermerchants.com', '', 'Here is a goody for you');
INSERT INTO email([from],[to],subject,body) VALUES('ryan.o’rorke@enron.com', 'k..allen@enron.com, randy.bhatia@enron.com, frank.ermis@enron.com,', 'TRV Notification: (West VaR - 11/07/2001)', 'The report named: West VaR
INSERT INTO email([from],[to],subject,body) VALUES('mjones7@txu.com', 'cstone1@txu.com, ggreen2@txu.com, timpowell@txu.com', 'Enron / HPL Actuals for July 10, 2000', 'Enron / HPL Actuals for July 10, 2000, 'Teco Tap 10,000 / Enron :
INSERT INTO email([from],[to],subject,body) VALUES('susan.pereira@enron.com', 'kkw816@aol.com', 'soccer practice', 'Kathy-

Is it safe to assume that practice is cancelled for tonight??

Susan Pereira');
INSERT INTO email([from],[to],subject,body) VALUES('mark.whitt@enron.com', 'barry.tycholiz@enron.com', 'Huber Internal Memo', 'Please look at this. I didn''t know how deep to go with the desk. Do you think this works.

');
INSERT INTO email([from],[to],subject,body) VALUES('m..forney@enron.com', 'george.phillips@enron.com', '', 'George,
Give me a call and we will further discuss opportunities on the 13st floor.

Thanks,
JMForney
3-7160');
INSERT INTO email([from],[to],subject,body) VALUES('brad.mckay@enron.com', 'angusmcka@aol.com', 'Re: (no subject)', 'not yet');
INSERT INTO email([from],[to],subject,body) VALUES('adam.bayer@enron.com', 'jonathan.mckay@enron.com', 'FW: Curve Fetch File', 'Here is the curve fetch file sent to me. It has plenty of points in it. If you give me a list of which ones you need we may be able to construct a secondary worksheet to vlookup the values.

adam
35227

-----Original Message-----
From: Royed, Jeff
Sent:Tuesday, September 25, 2001 11:37 AM
To:Bayer, Adam
Subject:Curve Fetch File

Let me know if it works. It may be required to have a certain version of Oracle for it to work properly.

Jeff Royed
Enron
Energy Operations
Phone: 713-853-5295');
INSERT INTO email([from],[to],subject,body) VALUES('matt.smith@enron.com', 'yan.wang@enron.com', 'Report Formats', 'Yan,
The merged reports look great. I believe the only orientation changes are to "unmerge" the following six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2
23 West_3
25 CIG_WIC

The orientation of the individual reports should be correct. Thanks.

Mat

PS. Just a reminder to add the "*" by the title of calculated points.';

"Karkour, Randa" <Randa.Karkour@COMPAQ.com> on 09/07/2000 09:01:04 AM
To: "'Agheb (E-mail)" <Agheb@aol.com>, "Leila Mankarious (E-mail)"
<br>"Marymankarious@mhhs.org>, "'Ramy Mankarious (E-mail)"
<br>"Michelle lokay (E-mail)" <mlokay@enron.com>, "Ramy Mankarious (E-mail)" <Mankarious@aol.com>
cc:

Subject: Egyptian Festival

http://www.egyptianfestival.com/

Thanks

---------------------- Forwarded by Errol McLaughlin/Corp/Enron on 12/20/2000
08:39 AM ----------------------

From: William Kelly @ ECT 12/20/2000 08:31 AM
Subject: New EAST books

We have new book names in TAGG for our intramonth portfolios and it is extremely important that any deal booked to the East is communicated quickly to someone on my team. I know it will take some time for the new names to sink in and I do not want us to miss any positions or P&L.

Thanks for your help on this.

New:
Scott Neal: East Northeast
Dick Jenkins: East Marketeast

WK

An inactive Child with links to Parent products will not have their calculated prices updated until the Child product is Activated.

When the Child Product is activated, the price will be recalculated and updated BEFORE it is displayed on the web.

This means that if you are inputting a basis price on a Child product, you will not see the final, calculated price until you Activate the product, at which time the customer will also see it.

If you have any questions, please contact the Help Desk on:

Americas: 713 853 4357
Europe: + 44 (0) 20 7783 7783
Asia/Australia: +61 2 9229 2300

I saw it. Very interesting.

Vince
"John H Herbert" <jhh1@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc:
Subject: Light reading - see pieces beginning on page 7

Cheers and have a nice weekend,

JHHerbert

- gd000728.pdf

');
INSERT INTO email([from],[to],subject,body) VALUES('matthew.lenhart@enron.com',
'mmmarcantel@equiva.com', 'RE:', 'i will try to line up a pig for you ');
INSERT INTO email([from],[to],subject,body) VALUES('jae.black@enron.com', 'claudette.harvey@enron.com,
chaun.roberts@enron.com, judy.martinez@enron.com', 'Disaster Recovery Equipment', 'As a reminder...there are
several pieces of equipment that are set up on the 30th Floor, as well as on our floor, for the Disaster Recovery
Team. PLEASE DO NOT TAKE, BORROW OR USE this equipment. Should you need to use another computer
system, other than yours, or make conference calls please work with your Assistant to help find or set up equipment
for you to use.

Thanks for your understanding in this matter.

T.Jae Black
East Power Trading
Assistant to Kevin Presto
off. 713-853-5800
fax 713-646-8272
cell 713-539-4760');
INSERT INTO email([from],[to],subject,body) VALUES('eric.bass@enron.com', 'dale.neuner@enron.com', '5 X
24', 'Dale,

Have you heard anything more on the 5 X 24s? We would like to get this
product out ASAP.
Thanks, Eric

Dear SmartReminders Member,

We respect your privacy and are a Certified Participant of the BBBOnLine Privacy Program. To be removed from future offers, click here.

SmartReminders.com is a permission based service. To unsubscribe click here.

The guy you are talking about left CIN under a "cloud of suspicion" sort of speak. He was the one who got into several bad deals and PPA’s in California for CIN, thus he left on a bad note. Let me know if you need more detail than that, I felt this was the type of info you were looking for. Thanks!

Ben

Employee Name: Michelle Cash
Report Name:   Houston Cellular 8-11-01
Report Date:   12/13/01
Report ID:     594D37C9ED2111D5B452
Submitted On:  12/13/01

You are only allowed 2 reports with receipts outstanding. Your expense reports will not be paid until you meet this requirement.

Sincerely,

Ben
Sue, did you see this emergency motion the CAISO filed today? Apparently they are requesting that FERC discontinue market-based rates immediately and grant refunds plus interest on the difference between cost-based rates and market revenues received back to May 2000. They are requesting the commission act within 14 days. Have you heard anything about what they are doing?

Marcie


Who is General Brinks?

Fletch

Here are the documents that Peter has prepared for Mark Frevert.

Nailia

------------- Forwarded by Nailia Dindarova/LON/ECT on 25/06/2001 16:36 -------------

Nailia Dindarova
25/06/2001 15:36
To: Michael Brown/Enron@EUEnronXGate
cc: Ross Sankey/Enron@EUEnronXGate, Eric Shaw/ENRON@EUEnronXGate, Peter Styles/LON/ECT@ECT

Subject: Documents for Mark Frevert (on EU developments and lessons from
Michael,

These are the documents that Peter promised to give to you for Mark Frevert. He has now handed them to him in person but asked me to transmit them electronically to you, as well as Eric and Ross.

Nailia

');
INSERT INTO email([from],[to],subject,body) VALUES('peggy.a.kostial@accenture.com', 'dave.samuels@enron.com', 'EOL-Accenture Deal Sheet', 'Dave -

Attached are our comments and suggested changes. Please call to review.

On the time line for completion, we have four critical steps to complete:
  Finalize market analysis to refine business case, specifically projected revenue stream
  Complete counterparty surveying, including targeting 3 CPs for letters of intent
  Review Enron asset base for potential reuse/ licensing
  Contract negotiations

Joe will come back to us with an updated time line, but it is my expectation that we are still on the same schedule (we just begun week three) with possibly a week or so slippage.....contract negotiations will probably be the critical path.

We will send our cut at the actual time line here shortly. Thanks,

Peggy

(See attached file: accenture-dealpoints v2.doc)

- accenture-dealpoints v2.doc ');
INSERT INTO email([from],[to],subject,body) VALUES('thomas.martin@enron.com', 'thomas.martin@enron.com', 'Re: Guadalupe Power Partners LP', '---------------------- Forwarded by Thomas A Martin/HOU/ECT on 03/20/2001 03:49 PM ----------------------

Thomas A Martin
10/11/2000 03:55 PM
To: Patrick Wade/HOU/ECT@ECT
Subject: Re: Guadalupe Power Partners LP

The deal is physically served at Oasis Waha or Oasis Katy and is priced at either HSC, Waha or Katytailgate GD at buyers option three days prior to NYMEX close.

agoddard@nisource.com on 03/08/2001 09:16:57 AM
To:      *Koch, Kent" <kkoch@nisource.com>, " - "Millar, Debra" <dmillard@nisource.com>, " - "Burke, Lynn" <lburke@nisource.com>
cc:      " - "Heckathorn, Tom" <theckathorn@olisource.com>
Subject: Columbia Distribution’s Capacity Available for Release - Sum


Please note that the deadline for bids is 3:00pm EST on March 20, 2001.

If you have any questions, feel free to contact any of the representatives listed at the bottom of the attachment.

Aaron Goddard

- 2001Summer.doc

');
INSERT INTO email([from],[to],subject,body) VALUES('rhonda.denton@enron.com', 'tim.belden@enron.com, dana.davis@enron.com, genia.fitzgerald@enron.com,' 'Split Rock Energy LLC', 'We have received the executed EEI contract from this CP dated 12/12/2000. Copies will be distributed to Legal and Credit.');
INSERT INTO email([from],[to],subject,body) VALUES('kerrymcelroy@dwt.com', 'jack.speer@alcoa.com, crow@millernash.com, michaelearly@earthlink.net', 'Oral Argument Request', ' - Oral Argument Request.doc');
INSERT INTO email([from],[to],subject,body) VALUES('mike.carson@enron.com', 'rlmichaelis@hormel.com', ', 'Did you come in town this wk end..... My new number at our house is : 713-668-3712...... my cell # is 281-381-7332
Cooper,

It's been a real pleasure working with you (even though it was for only a small amount of time)
I hope we can stay in touch.

Home# 234-0249
email: kpunja@hotmail.com

Take Care,

Karim.

');

I haven't talked to many of you via email recently but I do want to give you
my new address for your email file:

bjm30@earthlink.net

I hope all is well.

Brian McGuinn');

Can you please advise what is going on with the flat panels that we had planned to distribute to our gas
logistics team. It was in the budget and we had the okay, but now I'm hearing there is some hold-up & the units are
stored on 44.

Shelley');

San Antonio, Texas  May 2-4, 2001  Westin Riverwalk

See attached memo for more details!!
? Registration for the law conference this year will be handled through an Online RSVP Form on the Enron Law Conference Website at http://lawconference.corp.enron.com. The website is still under construction and will not be available until Thursday, March 15, 2001.

? We will send you another e-mail to confirm when the Law Conference Website is operational.

? Please complete the Online RSVP Form as soon as it is available and submit it no later than Friday, March 30th.

');
INSERT INTO email([from],[to],subject,body) VALUES('tori.kuykendall@enron.com', 'heath.b.taylor@accenture.com', 'Re:', 'hey - thats funny about john - he definitely remembers him - i''ll call pat and let him know - we are coming on saturday - i just havent had a chance to call you guys back -- looking forward to it -- i probably need the directions again though');
INSERT INTO email([from],[to],subject,body) VALUES('darron.giron@enron.com', 'bryce.baxter@enron.com', 'Re: Feedback for Audrey Cook', 'Bryce,

I'll get it done today.

DG 3-9573

From: Bryce Baxter 06/12/2000 07:15 PM

To: Darron C Giron/HOU/ECT@ECT
cc:
Subject: Feedback for Audrey Cook

You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

');
INSERT INTO email([from],[to],subject,body) VALUES('casey.evans@enron.com', 'stephanie.sever@enron.com', 'Gas EOL ID', 'Stephanie,
In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:

PWR-NG-LT-SPP: Mike Carson
PWR-NG-LT-SERC: Jeff King

If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP: Mike Carson
EPMI-LT-SERC: Jeff King

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!

Casey

--

Martin B. Cominsky
Director, Southwest Region
Anti-Defamation League
713/627-3490, ext. 122
713/627-2011 (fax)
MCominsky@aol.com
INSERT INTO email([from],[to],subject,body) VALUES('phillip.love@enron.com', 'todagost@utmb.edu, gbsonnta@utmb.edu', 'New President', 'I had a little bird put a word in my ear. Is there any possibility for Ben Raimer to be Bush’s secretary of HHS? Just curious about that infamous UTMB rumor mill. Hope things are well, happy holidays.
PL');
INSERT INTO email([from],[to],subject,body) VALUES('marie.heard@enron.com', 'ehamilton@fna.com', 'ISDA Master Agreement', 'Erin:
Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together with Paragraph 13 to the ISDA Credit Support Annex. Please let me know if you need anything else. We look forward to hearing your comments.

Marie

Marie Heard
Senior Legal Specialist
Enron North America Corp.
Phone: (713) 853-3907
Fax: (713) 646-3490
marie.heard@enron.com

');
INSERT INTO email([from],[to],subject,body) VALUES('andrea.ring@enron.com', 'beverly.beaty@enron.com', 'Re: Tennessee Buy - Louis Dreyfus', 'Beverly - once again thanks so much for your help on this.

');
INSERT INTO email([from],[to],subject,body) VALUES('karolyn.criado@enron.com', 'j..bonin@enron.com, felicia.case@enron.com, b..clapp@enron.com', 'Price List week of Oct. 8-9, 2001', '
Please contact me if you have any questions regarding last weeks prices.

Thank you,
Karolyn Criado
3-9441

');
INSERT INTO email([from],[to],subject,body) VALUES('kevin.presto@enron.com', 'edward.baughman@enron.com, billy.braddock@enron.com', 'Associated', 'Please begin working on filling our Associated short position in 02. I would like to take this risk off the books.

In addition, please find out what a buy-out of VEPCO would cost us. With Rogers transitioning to run our retail risk management, I would like to clean up our customer positions.

We also need to continue to explore a JEA buy-out.
Thanks.

INSERT INTO email([from],[to],subject,body) VALUES('stacy.dickson@enron.com', 'gregg.penman@enron.com', 'RE: Constellation TC 5-7-01', 'Gregg,

I am at home with a sick baby. (Lots of fun!) I will call you about this tomorrow.

Stacy');

INSERT INTO email([from],[to],subject,body) VALUES('joe.quenet@enron.com', 'dfincher@utilicorp.com', '', 'hey big guy.....check this out.....

www.gorelieberman-2000.com/');

INSERT INTO email([from],[to],subject,body) VALUES('k..allen@enron.com', 'jacqestc@aol.com', '', 'Jacques,

I sent you a fax of Kevin Kolb"s comments on the release. The payoff on the note would be $36,248 ($36090(principal) + $158 (accrued interest)).

This is assuming we wrap this up on Tuesday.

Please email to confirm that their changes are ok so I can set up a meeting on Tuesday to reach closure.

Phillip');

INSERT INTO email([from],[to],subject,body) VALUES('kourtney.nelson@enron.com', 'mike.swerzbin@enron.com', 'Adjusted L/R Balance', 'Mike,

I placed the adjusted L/R Balance on the Enronwest site. It is under the "Staff/Kourtney Nelson". There are two links:

1) "Adj L_R" is the same data/format from the weekly strategy meeting.
2) "New Gen 2001_2002" link has all of the supply side info that is used to calculate the L/R balance
   -Please note the Data Flag column, a value of "3" indicates the project was cancelled, on hold, etc and is not
   included in the calc.

Both of these sheets are interactive Excel spreadsheets and thus you can play around with the data as you please.
Also, James Bruce is working to get his gen report on the web. That will help with your access to information on
new gen.

Please let me know if you have any questions or feedback,

Kourtney

Kourtney Nelson
Fundamental Analysis
Enron North America
(503) 464-8280
kourtney.nelson@enron.com');
Paul,

I reviewed NY’s list. I agree with all of their contracts numbers and mw amounts.

Call if you have any more questions.

Rebecca

-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio

<< File: enrontccs.xls >>
Rebecca,
Let me know if you see any differences.

Paul
X 3-0403

-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Baughman, Edward D.
Subject: Current Enron TCC Portfolio
Coastal Merchant Energy, L.P., effective February 1, 2001, with the surviving entity being El Paso Merchant Energy, L.P. We currently have ISDA Master Agreements with both counterparties. Please see the attached memo regarding the existing Masters and let us know which agreement should be terminated.

Thanks,
Stephanie

-----Original Message-----
From: Kenne, Dawn C.
Sent: Wednesday, February 06, 2002 11:50 AM
To: Keiser, Kam
Subject: What about this too???

<< File: Netco Trader Matrix.xls >>

Thanks
chris
x31666

Debra Perlingiere
Enron North America Corp.
1400 Smith Street, EB 3885
Houston, Texas 77002
dperlin@enron.com
Phone 713-853-7658
Fax  713-646-3490

Description:
Date: 1/5/2001
Time: 9:00 AM - 10:00 AM (Central Standard Time)
Chairperson: Outlook Migration Team

Justin Boyd told me that you can help me with questions regarding Chile.

We got a request for guest access through MG.

The company is called Escondida and is a subsidiary of BHP Australia.

Please advise if I can set up a guest account or not.

F.Y.I.: MG is planning to put a "in w/h Chile" contract for Copper on-line as soon as Enron has done the due diligence for this country.

Thanks!

Best regards

Diana Seifert
EOL PCG;

Status last changed by: Barry L. Tycholiz
Expense Report Name: 121001
Report Total: $198.98
Amount Due Employee: $198.98
Amount Approved: $198.98
Amount Paid: $0.00
Approval Status: Approved
Payment Status: Pending

To review this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com/

Australia:
1800 678-515
support@palm-au.com
Canada:
1905 305-6530
support@palm.com

New Zealand:
0800 446-398
support@palm-nz.com

U.K.:
0171 867 0108
eurosupport@palm.3com.com

Please refer to the Worldwide Customer Support card for a complete technical support contact list.

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 10:14 AM
To: Storey, Geoff
Subject: RE:

bp corp
Albert LaMore
281-366-4962

running the reports now

-----Original Message-----
From: Storey, Geoff
Sent: Wednesday, October 31, 2001 10:10 AM
To: Quigley, Dutch
Subject: RE:

give me a contact over there too
BP

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 9:42 AM
To: Storey, Geoff
Subject:

Coral
Jeff Whitnah
713-767-5374
Reliant
Steve McGinn
713-207-4000"

Start
Date: 4/22/01; HourAhead hour: 3; No ancillary schedules awarded.
Variances detected.
Variances detected in Load schedule.

LOG MESSAGES:

PARSING FILE -->>  O:\Portland\WestDesk\California Scheduling\ISO Final Schedules\2001042203.txt

---- Load Schedule ----

$$$ Variance found in table tblLoads.

Details: (Hour: 3 / Preferred:  1.92 / Final:  1.89)
TRANS_TYPE: FINAL
LOAD_ID: PGE4
MKT_TYPE: 2
TRANS_DATE: 4/22/01
SC_ID: EPMI

');

INSERT INTO email([from],[to],subject,body) VALUES('john.postlethwaite@enron.com',
'john.zufferli@enron.com', 'Reference', 'John, hope things are going well up there for you. The big day is almost here for you and Jessica. I was wondering if I could use your name as a job reference if need be. I am just trying to get everything in order just in case something happens.

John');

INSERT INTO email([from],[to],subject,body) VALUES('jeffrey.shankman@enron.com',
'lschiffm@jonesday.com', 'Re:', 'I saw you called on the cell this a.m. Sorry I missed you. (I was in the shower). I have had a shitty week--I suspect my silence (not only to you, but others) after our phone call is a result of the week. I’m seeing Glen at 11:15....talk to you');

INSERT INTO email([from],[to],subject,body) VALUES('litebytz@enron.com', 'Lite Bytz RSVP', 'This week’s Lite Bytz presentation will feature the following TOOLZ speaker:

Richard McDougall
Solaris 8
Thursday, June 7, 2001

If you have not already signed up, please RSVP via email to litebytz@enron.com by the end of the day Tuesday, June 5, 2001.

*Remember: this is now a Brown Bag Event--so bring your lunch and we will provide cookies and drinks.

Click below for more details.

http://home.enron.com:84/messaging/litebytztoolzprint.jpg');

COMMIT;
# Everything above just builds an interesting test database. The actual tests come after this comment.

---

do_test fts2c-1.2 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark'
  }
} {6 17 25 38 40 42 73 74}
do_test fts2c-1.3 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'susan'
  }
} {24 40}
do_test fts2c-1.4 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark susan'
  }
} {40}
do_test fts2c-1.5 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'susan mark'
  }
} {40}
do_test fts2c-1.6 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH "mark susan"
  }
} {}
do_test fts2c-1.7 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark -susan'
  }
} {6 17 25 38 42 73 74}
do_test fts2c-1.8 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH '-mark susan'
  }
} {24}
do_test fts2c-1.9 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark OR susan'
  }
} {6 17 24 25 38 40 42 73 74}

# Some simple tests of the automatic "offsets(email)" column. In the sample data set above, only one message, number 20, contains the words
# "gas" and "reminder" in both body and subject.
#
do_test fts2c-2.1 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'gas reminder'
  }
} {20 {20 3 2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts2c-2.2 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'subject:gas reminder'
  }
} {20 {20 3 2 1 54 8 3 1 54 8}}
do_test fts2c-2.3 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'body:gas reminder'
  }
} {20 {20 3 2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}
do_test fts2c-2.4 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE subject MATCH 'gas reminder'
  }
} {20 {20 3 2 1 54 8}}
do_test fts2c-2.5 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH 'gas reminder'
  }
} {20 {3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}

# Document 32 contains 5 instances of the world "child". But only
# 3 of them are paired with "product". Make sure only those instances
# that match the phrase appear in the offsets(email) list.
#
do_test fts2c-3.1 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH 'child product' AND +rowid=32
  }
} {32 {3 0 94 5 3 0 114 5 3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7 3 1 493 7}}
do_test fts2c-3.2 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH ""child product""
  }
}
# Snippet generator tests

do_test fts2c-4.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'subject:gas reminder'
  }
} {{Alert Posted 10:00 AM November 20,2000: E.<b>GAS</b> Request <b>Reminder</b>}}

do_test fts2c-4.2 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'christmas candlelight'
  }
} {{<b>...</b> place.? What do you think about going here <b>Christmas</b> eve? They have an 11:00 a.m. service and a <b>candlelight</b> service at 5:00 p.m., among others. <b>...</b>}}

do_test fts2c-4.3 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'deal sheet potential reuse'
  }
} {{EOL-Accenture <b>Deal</b> <b>Sheet</b> intent
  Review Enron asset base for <b>potential</b>/ <b>reuse</b>/ licensing
  Contract negotiations <b>...</b>}}

do_test fts2c-4.4 {
  execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email
    WHERE email MATCH 'deal sheet potential reuse'
  }
} {{EOL-Accenture <<<Deal>>> <<<Sheet>>> intent
  Review Enron asset base for <<<potential>>> <<<reuse>>>/ licensing
  Contract negotiations
}}

do_test fts2c-4.5 {
  execsql {
    SELECT snippet(email,'<<','>>,') FROM email
    WHERE email MATCH 'first things'
  }
} {{Re: <<First>>> Polish Deal! Congrats! <<Things>>> seem to be building rapidly now on the }}

do_test fts2c-4.6 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'chris is here'
  }
} {{<b>chris</b>.germany@enron.com <b>...</b> Sounds good to me. I bet this <b>is</b> next to the Warick??
  Hotel. <b>...</b> place.? What do you think about going <b>here</b> Christmas}}
eve?? They have an 11:00 a.m. <b>...</b>}}
do_test fts2c-4.7 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH "pursuant to"
  }
}
{{Erin:
Pursuant<to> your request, attached are the Schedule to <b>...</b>}}
do_test fts2c-4.8 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'ancillary load davis'
  }
}
{{pete.<b>davis</b>@enron.com <b>...</b> Start Date: 4/22/01; HourAhead hour: 3; No <b>ancillary</b> schedules awarded.
Variance detected.
Variance detected in <b>Load</b> schedule.

LOG MESSAGES:

# Combinations of AND and OR operators:
#
do_test fts2c-5.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'questar enron OR com'
  }
}
{{matt.smith@<b>enron</b>.<b>com</b> <b>...</b> six reports:
  31 Keystone Receipts
  15 <b>Questar</b> Pipeline
  40 Rockies Production
  22 West_2 <b>...</b>}}
do_test fts2c-5.2 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'enron OR com questar'
  }
}
{{matt.smith@<b>enron</b>.<b>com</b> <b>...</b> six reports:
  31 Keystone Receipts
  15 <b>Questar</b> Pipeline
  40 Rockies Production
  22 West_2 <b>...</b>}}
INSERT INTO x1 VALUES('blonds', 'proprietary');

set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS1 is defined, omit this file.
if capable !fts1 {
    finish_test
    return
}

do_test fts1c-1.1 {
    db eval {
        CREATE VIRTUAL TABLE email USING fts1([from],[to],subject,body);
        BEGIN TRANSACTION;
        INSERT INTO email([from],[to],subject,body) VALUES('savita.puthigai@enron.com', 'traders.eol@enron.com', ...
traders.eol@enron.com', 'EnronOnline- Change to Autohedge', 'Effective Monday, October 22, 2001 the following changes will be made to the Autohedge functionality on EnronOnline.

The volume on the hedge will now respect the minimum volume and volume increment settings on the parent product. See rules below:

?If the transaction volume on the child is less than half of the parent’s minimum volume no hedge will occur.
?If the transaction volume on the child is more than half the parent’s minimum volume but less than half the volume increment on the parent, the hedge will volume will be the parent’s minimum volume.
?For all other volumes, the same rounding rules will apply based on the volume increment on the parent product.

Please see example below:

Parent’s Settings:
Minimum: 5000
Increment: 1000

Volume on Autohedge transactionVolume Hedged
1 - 24990
2500 - 54995000
5500 - 64996000);

INSERT INTO email([from],[to],subject,body) VALUES('dana.davis@enron.com', 'laynie.east@enron.com,
liisa.king@enron.com, lisa.best@enron.com,’ ‘Leaving Early’, ‘FYI:
If it’s ok with everyone’s needs, I would like to leave @4pm. If you think
you will need my assistance past the 4 o’clock hour just let me know; I’ll
be more than willing to stay.’);

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com',
'louise.kitchen@enron.com’, ‘<<Concur Expense Document>> - CC02.06.02’, 'The following expense report is ready
for approval:

Employee Name: Christopher F. Calger
Status last changed by: Mollie E. Gustafson Ms
Expense Report Name: CC02.06.02
Report Total: $3,972.93
Amount Due Employee: $3,972.93

To approve this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com’);

INSERT INTO email([from],[to],subject,body) VALUES('jeff.duff@enron.com', ‘julie.johnson@enron.com’, ‘Work
request’, ‘Julie,

Could you print off the current work request report by 1:30 today?

Gentlemen,

I’d like to review this today at 1:30 in our office. Also, could you provide
me with your activity reports so I can have Julie enter this information.
JD);
INSERT INTO email([from],[to],subject,body) VALUES('v.weldon@enron.com', 'gary.l.carrier@usa.dupont.com, scott.joyce@bankofamerica.com', 'Enron News', 'This could turn into something big....
http://biz.yahoo.com/rt/010129/n29305829.html');
INSERT INTO email([from],[to],subject,body) VALUES('mark.haedicke@enron.com', 'paul.simons@enron.com', 'Re: First Polish Deal!', 'Congrats! Things seem to be building rapidly now on the Continent. Mark');
INSERT INTO email([from],[to],subject,body) VALUES('e..carter@enron.com', 't..robinson@enron.com', 'FW: Producers Newsletter 9-24-2001', 'The producer lumber pricing sheet.
-----Original Message-----
From: Johnson, Jay
Sent:Tuesday, October 16, 2001 3:42 PM
To:Carter, Karen E.
Subject:FW: Producers Newsletter 9-24-2001

-----Original Message-----
From: Daigre, Sergai
Sent:Friday, September 21, 2001 8:33 PM
Subject:Producers Newsletter 9-24-2001

');
INSERT INTO email([from],[to],subject,body) VALUES('david.delainey@enron.com', 'kenneth.lay@enron.com', 'Greater Houston Partnership', 'Ken, in response to the letter from Mr Miguel San Juan, my suggestion would be to offer up the Falcon for their use; however, given the tight time frame and your recent visit with Mr. Fox that it would be difficult for either you or me to participate.

I spoke to Max and he agrees with this approach.

I hope this meets with your approval.

Regards
Delainey');
INSERT INTO email([from],[to],subject,body) VALUES('lachandra.fenceroy@enron.com', 'lindy.donoho@enron.com', 'FW: Bus Applications Meeting Follow Up', 'Lindy,
Here is the original memo we discussed earlier. Please provide any information that you may have.

Your cooperation is greatly appreciated.

Thanks,
lachandra.fenceroy@enron.com
713.853.3884
877.498.3401 Pager
-----Original Message-----
From: Bisbee, Joanne
Sent: Wednesday, September 26, 2001 7:50 AM
To: Fenceroy, LaChandra
Subject: FW: Bus Applications Meeting Follow Up

Lachandra, Please get with David Duff today and see what this is about. Who are our TW accounting business users?

-----Original Message-----
From: Koh, Wendy
Sent: Tuesday, September 25, 2001 2:41 PM
To: Bisbee, Joanne
Subject: Bus Applications Meeting Follow Up

Lisa brought up a TW change effective Nov 1. It involves eliminating a turnback surcharge. I have no other information, but you might check with the business folks for any system changes required.

Wendy);

INSERT INTO email([from],[to],subject,body) VALUES('danny.mccarty@enron.com', 'fran.fagan@enron.com', 'RE: worksheets', 'Fran,
If Julie’s merit needs to be lump sum, just move it over to that column. Also, send me Eric Gadd”s sheets as well. Thanks.
Dan

-----Original Message-----
From: Fagan, Fran
Sent: Thursday, December 20, 2001 11:10 AM
To: McCarty, Danny
Subject: worksheets

As discussed, attached are your sheets for bonus and merit.

Thanks,

Fran Fagan
Sr. HR Rep
713.853.5219

<< File: McCartyMerit.xls >> << File: mccartyBonusCommercial_UnP.xls >>

');

INSERT INTO email([from],[to],subject,body) VALUES('bert.meyers@enron.com', 'shift.dl-portland@enron.com', 'OCTOBER SCHEDULE', 'TEAM,

PLEASE SEND ME ANY REQUESTS THAT YOU HAVE FOR OCTOBER. SO FAR I HAVE THEM FOR
LEAF. I WOULD LIKE TO HAVE IT DONE BY THE 15TH OF THE MONTH. ANY QUESTIONS PLEASE GIVE ME A CALL.

BERT);

INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'john.arnold@enron.com, bilal.bajwa@enron.com, john.griffith@enron.com.', 'TRV Notification: (NG - PROPT P/L - 09/27/2001)', 'The report named: NG - PROPT P/L <http://trv.corp.enron.com/linkFromExcel.asp?report_cd=11&report_name=NG+PROPT+P/L&category_cd=5&category_name=FINANCIAL&toc_hide=1&sTV1=5&TV1Exp=Y&current_efct_date=09/27/2001>, published as of 09/27/2001 is now available for viewing on the website.);

INSERT INTO email([from],[to],subject,body) VALUES('patrice.mims@enron.com', 'calvin.eakins@enron.com', 'Re: Small business supply assistance', 'Hi Calvin
I spoke with Rickey (boy, is he long-winded!!). Gave him the name of our credit guy, Russell Diamond.

Thank for your help!');

INSERT INTO email([from],[to],subject,body) VALUES('legal <.hall@enron.com>', 'stephanie.panus@enron.com', 'Termination update', 'City of Vernon and Salt River Project terminated their contracts. I will fax these notices to you.);

INSERT INTO email([from],[to],subject,body) VALUES('d..steffes@enron.com', 'richard.shapiro@enron.com', 'EES / ENA Government Affairs Staffing & Outside Services', 'Rick -- Here is the information on staffing and outside services. Call if you need anything else.

Jim

');

INSERT INTO email([from],[to],subject,body) VALUES('gelliott@industrialinfo.com', 'pcopello@industrialinfo.com', 'ECAAR (Gavin), WSCC (Diablo Canyon), & NPCC (Seabrook)', 'Dear Power Outage Database Customer,
Attached you will find an excel document. The outages contained within are forced or rescheduled outages. Your daily delivery will still contain these outages. In addition to the two excel documents, there is a dbf file that is formatted like your daily deliveries you receive nightly. This will enable you to load the data into your regular database. Any questions please let me know. Thanks.
Greg Elliott
IIR, Inc.
713-783-5147 x 3481
outages@industrialinfo.com

THE INFORMATION CONTAINED IN THIS E-MAIL IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPY OF THIS E-MAIL TO UNAUTHORIZED ENTITIES IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS E-MAIL IN ERROR, PLEASE DELETE IT.

- OUTAGE.dbf
- 111201R.xls
- 111201.xls ');

INSERT INTO email([from],[to],subject,body) VALUES('enron.announcements@enron.com',...
You are invited to attend the EWS Brown Bag Lunch Series

Featuring: RAY BOWEN, COO

Topic: Enron Industrial Markets

Thursday, March 15, 2001
11:30 am - 12:30 pm
EB 5 C2

You bring your lunch, Limited Seating
We provide drinks and dessert. RSVP x 3-9610

---

"Immer, Ingrid" <Ingrid.Immer@Williams.com> on 12/21/2000 11:48:47 AM
To: “chris.germany@enron.com” <chris.germany@enron.com>
cc: Subject: About St Pauls

<<About St Pauls.url>>
?
?http://www.stpaulshouston.org/about.html

Chris,

I like the looks of this place. What do you think about going here Christmas eve?? They have an 11:00 a.m. service and a candlelight service at 5:00 p.m., among others.

Let me know.??

- About St Pauls.url

');

---

INSERT INTO email([from],[to],subject,body) VALUES('chris.germany@enron.com',
'ingrid.immer@williams.com', 'Re: About St Pauls', 'Sounds good to me. I bet this is next to the Warick?? Hotel.

---

INSERT INTO email([from],[to],subject,body) VALUES('nas@cpuc.ca.gov', 'skatz@sempratrading.com,
kmccrea@sablaw.com, thompson@wrightlaw.com', 'Reply Brief filed July 31, 2000', '- CPUC01-#76371-v1-Revised_Reply_Brief__Due_today_7_31_.doc');

INSERT INTO email([from],[to],subject,body) VALUES('gascontrol@aglresources.com', 'dscott4@enron.com,
As discussed in the Winter Operations Meeting on Sept. 29, 2000, E-Gas (Emergency Gas) will not be offered this winter as a service from AGLC. Marketers and Poolers can receive gas via Peaking and IBSS nominations (daisy chain) from other marketers up to the 6 p.m. Same Day 2 nomination cycle.

Here is a goody for you:

--

LS HPL LSK IC 30,000 / Enron

--

Is it safe to assume that practice is cancelled for tonight??

Susan Pereira

--

Give me a call and we will further discuss opportunities on the 13th floor.

Thanks,
JMForney
3-7160

--

FW: Curve Fetch File, 'Here is the curve fetch file sent to me. It has plenty of points in it. If you give me a list of which ones you need we may be able to construct a secondary worksheet to vlookup the values.

adam
35227
-----Original Message-----
From: Royed, Jeff
Sent: Tuesday, September 25, 2001 11:37 AM
To: Bayer, Adam
Subject: Curve Fetch File

Let me know if it works. It may be required to have a certain version of Oracle for it to work properly.

Jeff Royed
Enron
Energy Operations
Phone: 713-853-5295'

The merged reports look great. I believe the only orientation changes are to "unmerge" the following six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2
23 West_3
25 CIG_WIC

The orientation of the individual reports should be correct. Thanks.

Mat

PS. Just a reminder to add the "*" by the title of calculated points.';

"Karkour, Randa" <Randa.Karkour@COMPAQ.com> on 09/07/2000 09:01:04 AM
To: "$Agheb (E-mail)" <Agheb@aol.com>, "$Leila Mankarious (E-mail)"
<Leila_Mankarious@mhhs.org>, "$Marymankarious (E-mail)"
<marymankarious@aol.com>, "Michelle lokay (E-mail)" <mlokay@enron.com>, "Ramy
Mankarious (E-mail)" <Mankarious@aol.com>
cc:

Subject: Egyptian Festival
http://www.egyptianfestival.com/

- Egyptian Festival.url

');
INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com',
'sherry.dawson@enron.com', 'Urgent!!! --- New EAST books', 'This has to be done........................................

Thanks

---------------------- Forwarded by Errol McLaughlin/Corp/Enron on 12/20/2000
08:39 AM ---------------------------

From: William Kelly @ ECT 12/20/2000 08:31 AM

To: Kam Keiser/HOU/ECT@ECT, Darron C Giron/HOU/ECT@ECT, David Baumbach/HOU/ECT@ECT, Errol McLaughlin/Corp/Enron@ENRON
cc: Kimat Singla/HOU/ECT@ECT, Kulvinder Fowler/NA/Enron@ENRON, Kyle R Lilly/HOU/ECT@ECT, Jeff Royed/Corp/Enron@ENRON, Alejandra Chavez/NA/Enron@ENRON, Crystal Hyde/HOU/ECT@ECT

Subject: New EAST books

We have new book names in TAGG for our intramonth portfolios and it is extremely important that any deal booked to the East is communicated quickly to someone on my team. I know it will take some time for the new names to sink in and I do not want us to miss any positions or P&L.

Thanks for your help on this.

New:
Scott Neal : East Northeast
Dick Jenkins: East Marketeast

WK

');
INSERT INTO email([from],[to],subject,body) VALUES('david.forster@enron.com', 'eol.wide@enron.com',
'Change to Stack Manager', 'Effective immediately, there is a change to the Stack Manager which will affect any Inactive Child.

An inactive Child with links to Parent products will not have their calculated prices updated until the Child product is Activated.

When the Child Product is activated, the price will be recalculated and
This means that if you are inputting a basis price on a Child product, you will not see the final, calculated price until you Activate the product, at which time the customer will also see it.

If you have any questions, please contact the Help Desk on:

Americas: 713 853 4357
Europe: + 44 (0) 20 7783 7783
Asia/Australia: +61 2 9229 2300

I saw it. Very interesting.

Vince

"John H Herbert" <jhhl@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc: 
Subject: Light reading - see pieces beginning on page 7

Cheers and have a nice weekend,

JHHerbert

- gd000728.pdf
Team. PLEASE DO NOT TAKE, BORROW OR USE this equipment. Should you need to use another computer system, other than yours, or make conference calls please work with your Assistant to help find or set up equipment for you to use.

Thanks for your understanding in this matter.

T.Jae Black  
East Power Trading  
Assistant to Kevin Presto  
off. 713-853-5800  
fax 713-646-8272  
cell 713-539-4760

INSERT INTO email(from,[to],subject,body) VALUES('eric.bass@enron.com', 'dale.neuner@enron.com', '5 X 24', 'Dale,

Have you heard anything more on the 5 X 24s? We would like to get this product out ASAP.

Thanks,

Eric');

INSERT INTO email(from,[to],subject,body) VALUES('messenger@smartreminders.com', 'm.tholt@enron.com', '10% Coupon - PrintPal Printer Cartridges - 100% Guaranteed', '[IMAGE][IMAGE][IMAGE][IMAGE]

Dear SmartReminders Member,

[IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE]
We respect your privacy and are a Certified Participant of the BBBOnLine Privacy Program. To be removed from future offers, click here. SmartReminders.com is a permission based service. To unsubscribe click here.

INSERT INTO email([from],[to],subject,body) VALUES('benjamin.rogers@enron.com', 'mark.bernstein@enron.com', "The guy you are talking about left CIN under a "cloud of suspicion" sort of speak. He was the one who got into several bad deals and PPA’s in California for CIN, thus he left on a bad note. Let me know if you need more detail than that, I felt this was the type of info you were looking for. Thanks!

Ben’);

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'michelle.cash@enron.com', 'Expense Report Receipts Not Received', 'Employee Name: Michelle Cash Report Name: Houston Cellular 8-11-01 Report Date: 12/13/01 Report ID: 594D37C9ED2111D5B452 Submitted On: 12/13/01

You are only allowed 2 reports with receipts outstanding. Your expense reports will not be paid until you meet this requirement.’);

INSERT INTO email([from],[to],subject,body) VALUES('susan.mara@enron.com', 'ray.alvarez@enron.com, karen.denne@enron.com', 'CAISO Emergency Motion -- to discontinue market-based rates for’, ‘FYI. the latest broadside against the generators.

Sue Mara
Enron Corp.
Tel: (415) 782-7802
Fax: (415) 782-7854
----- Forwarded by Susan J Mara/NA/Enron on 06/08/2001 12:24 PM -----

"Milner, Marcie" <MMilner@coral-energy.com> 06/08/2001 11:13 AM To: "’smara@enron.com’"
<smara@enron.com> cc: Subject: CAISO Emergency Motion

Sue, did you see this emergency motion the CAISO filed today? Apparently they are requesting that FERC discontinue market-based rates immediately and grant refunds plus interest on the difference between cost-based rates and market revenues received back to May 2000. They are requesting the commission act within 14 days. Have you heard anything about what they are doing?

Marcie


 Who is General Brinks?
Here are the documents that Peter has prepared for Mark Frevert.

Nailia

---------------------- Forwarded by Nailia Dindarova/LON/ECT on 25/06/2001 16:36 ---------------------------

Nailia Dindarova
25/06/2001 15:36
To: Michael Brown/Enron@EUEnronXGate
Cc: Ross Sankey/Enron@EUEnronXGate, Eric Shaw/ENRON@EUEnronXGate, Peter Styles/LON/ECT@ECT

Subject: Documents for Mark Frevert (on EU developments and lessons from California)

Michael,

These are the documents that Peter promised to give to you for Mark Frevert. He has now handed them to him in person but asked me to transmit them electronically to you, as well as Eric and Ross.

Nailia

');

Attached are our comments and suggested changes. Please call to review.

On the time line for completion, we have four critical steps to complete:
- Finalize market analysis to refine business case, specifically projected revenue stream
- Complete counterparty surveying, including targeting 3 CPs for letters of intent
- Review Enron asset base for potential reuse/ licensing
- Contract negotiations
Joe will come back to us with an updated time line, but it is my expectation that we are still on the same schedule (we just begun week three) with possibly a week or so slippage.....contract negotiations will probably be the critical path.

We will send our cut at the actual time line here shortly. Thanks,

Peggy

(See attached file: accenture-dealpoints v2.doc)

Thomas A Martin
10/11/2000 03:55 PM
To: Patrick Wade/HOU/ECT@ECT
cc:
Subject: Re: Guadalupe Power Partners LP

The deal is physically served at Oasis Waha or Oasis Katy and is priced at either HSC, Waha or Katytailgate GD at buyers option three days prior to NYMEX close.

agoddard@nisource.com on 03/08/2001 09:16:57 AM
To: " - *Koch, Kent" <kkoch@nisource.com>, " - *Millar, Debra" <dmillar@nisource.com>, " - *Burke, Lynn" <burke@nisource.com>
cc: " - *Heckathorn, Tom" <theckathorn@nisource.com>
Subject: Columbia Distribution”s Capacity Available for Release - Sum


Please note that the deadline for bids is 3:00pm EST on March 20, 2001.

If you have any questions, feel free to contact any of the representatives
list
at the bottom of the attachment.

Aaron Goddard

- 2001Summer.doc
');
INSERT INTO email([from],[to],subject,body) VALUES('rhonda.denton@enron.com', 'tim.belden@enron.com,
dana.davis@enron.com, genia.fitzgerald@enron.com,' ', 'Split Rock Energy LLC', 'We have received the executed
EEI contract from this CP dated 12/12/2000.
Copies will be distributed to Legal and Credit.');
INSERT INTO email([from],[to],subject,body) VALUES('kerrymcelroy@dwt.com', 'jack.speer@alcoa.com,
crow@millernash.com, michaelearly@earthlink.net,' ', 'Oral Argument Request', ' - Oral Argument Request.doc');
INSERT INTO email([from],[to],subject,body) VALUES('mike.carson@enron.com', 'rlmichaelis@hormel.com', 'Did you come in town this wk end..... My new number at our house is :
713-668-3712...... my cell # is 281-381-7332
the kid');
INSERT INTO email([from],[to],subject,body) VALUES('cooper.richey@enron.com', 'trycooper@hotmail.com', 'FW: Contact Info', ')

-----Original Message-----
From: Punja, Karim
Sent: Thursday, December 13, 2001 2:35 PM
To: Richey, Cooper
Subject: Contact Info

Cooper,

Its been a real pleasure working with you (even though it was for only a small amount of time)
I hope we can stay in touch.

Home# 234-0249
email: kpunja@hotmail.com

Take Care,

Karim.
');
INSERT INTO email([from],[to],subject,body) VALUES('bjm30@earthlink.net', 'mcguinn.k@enron.com,
mcguinn.ian@enron.com, mcguinn.stephen@enron.com', 'email address change', 'Hello all.

I haven"t talked to many of you via email recently but I do want to give you
my new address for your email file:
bjm30@earthlink.net

I hope all is well.

Brian McGuinn');
INSERT INTO email([from],[to],subject,body) VALUES('shelley.corman@enron.com', 'steve.hotte@enron.com', 'Flat Panels', 'Can you please advise what is going on with the flat panels that we had planned to distribute to our gas logistics team. It was in the budget and we had the okay, but now I’m hearing there is some hold-up & the units are stored on 44.

Shelley');
INSERT INTO email([from],[to],subject,body) VALUES('sara.davidson@enron.com', 'john.schwartz@enron.com, scott.dieball@enron.com, recipients@enron.com,', '2001 Enron Law Conference (Distribution List 2)', ' 2001 Enron Law Conference

San Antonio, Texas  May 2-4, 2001  Westin Riverwalk

See attached memo for more details!!

? Registration for the law conference this year will be handled through an Online RSVP Form on the Enron Law Conference Website at http://lawconference.corp.enron.com. The website is still under construction and will not be available until Thursday, March 15, 2001.

? We will send you another e-mail to confirm when the Law Conference Website is operational.

? Please complete the Online RSVP Form as soon as it is available and submit it no later than Friday, March 30th.

});
INSERT INTO email([from],[to],subject,body) VALUES('tori.kuykendall@enron.com', 'heath.b.taylor@accenture.com', 'Re:', 'hey - thats funny about john - he definitely remembers him - i’ll call pat and let him know - we are coming on saturday - i just havent had a chance to call you guys back -- looking forward to it -- i probably need the directions again though');
INSERT INTO email([from],[to],subject,body) VALUES('darron.giron@enron.com', 'bryce.baxter@enron.com', 'Re: Feedback for Audrey Cook', 'Bryce,

I'll get it done today.

DG 3-9573
To: Darron C Giron/HOU/ECT@ECT
cc:
Subject: Feedback for Audrey Cook

You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

');

INSERT INTO email([from],[to],subject,body) VALUES('casey.evans@enron.com', 'stephanie.sever@enron.com', 'Gas EOL ID', 'Stephanie,

In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:

PWR-NG-LT-SPP: Mike Carson
PWR-NG-LT-SERC: Jeff King

If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP: Mike Carson
EPMI-LT-SERC: Jeff King

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!
Casey');

INSERT INTO email([from],[to],subject,body) VALUES('darrell.schoolcraft@enron.com', 'david.roensh@enron.com, kimberly.watson@enron.com, michelle.lokay@enron.com,', 'Postings', 'Please see the attached.

ds

');

INSERT INTO email([from],[to],subject,body) VALUES('mcominsky@aol.com', 'cpatman@bracepatt.com, james_derrick@enron.com', 'Jurisprudence Luncheon', 'Carrin & Jim --
It was an honor and a pleasure to meet both of you yesterday. I know we will have fun working together on this very special event.

Jeff left the jurisprudence luncheon lists for me before he left on vacation. I wasn’t sure whether he transmitted them to you as well. Would you please advise me if you would like them sent to you? I can email the MS Excel files or I can fax the hard copies to you. Please advise what is most convenient.

I plan to be in town through the holidays and can be reached by phone, email, or cell phone at any time. My cell phone number is 713/705-4829.

Thanks again for your interest in the ADL”s work. Martin.

Martin B. Cominsky
Director, Southwest Region
Anti-Defamation League
713/627-3490, ext. 122
713/627-2011 (fax)
MCominsky@aol.com;

INSERT INTO email([from],[to],subject,body) VALUES('phillip.love@enron.com', 'todagost@utmb.edu, gbsonnta@utmb.edu', 'New President', 'I had a little bird put a word in my ear. Is there any possibility for Ben Raimer to be Bush’s secretary of HHS? Just curious about that infamous UTMB rumor mill. Hope things are well, happy holidays.

PL');

INSERT INTO email([from],[to],subject,body) VALUES('marie.heard@enron.com', 'ehamilton@fna.com', 'ISDA Master Agreement', 'Erin:

Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together with Paragraph 13 to the ISDA Credit Support Annex. Please let me know if you need anything else. We look forward to hearing your comments.

Marie

Marie Heard
Senior Legal Specialist
Enron North America Corp.
Phone: (713) 853-3907
Fax: (713) 646-3490
marie.heard@enron.com

');

INSERT INTO email([from],[to],subject,body) VALUES('andrea.ring@enron.com', 'beverly.beaty@enron.com', 'Re: Tennessee Buy - Louis Dreyfus', 'Beverly - once again thanks so much for your help on this.

');

INSERT INTO email([from],[to],subject,body) VALUES('karolyn.criado@enron.com', 'j..bonin@enron.com,'
Thank you,
Karolyn Criado
3-9441

');
INSERT INTO email([from],[to],subject,body) VALUES('kevin.presto@enron.com',
'edward.baughman@enron.com, billy.braddock@enron.com', 'Associated', 'Please begin working on filling our
Associated short position in 02. I would like to take this risk off the books.

In addition, please find out what a buy-out of VEPCO would cost us. With Rogers transitioning to run our retail
risk management, I would like to clean up our customer positions.

We also need to continue to explore a JEA buy-out.

Thanks.');
INSERT INTO email([from],[to],subject,body) VALUES('stacy.dickson@enron.com', 'gregg.penman@enron.com',
'RE: Constellation TC 5-7-01', 'Gregg,

I am at home with a sick baby. (Lots of fun!) I will call you about this
tomorrow.

Stacy');
INSERT INTO email([from],[to],subject,body) VALUES('joe.quenet@enron.com', 'dfincher@utilicorp.com', ", 'hey
big guy.....check this out.....

w www.gorelieberman-2000.com/");
INSERT INTO email([from],[to],subject,body) VALUES('k..allen@enron.com', 'jacqestc@aol.com', ", 'Jacques,

I sent you a fax of Kevin Kolb's comments on the release. The payoff on the note would be $36,248
($36090(principal) + $158 (accrued interest)).
This is assuming we wrap this up on Tuesday.

Please email to confirm that their changes are ok so I can set up a meeting on Tuesday to reach closure.

Phillip');
INSERT INTO email([from],[to],subject,body) VALUES('kourtney.nelson@enron.com',
'mike.swerzbin@enron.com', 'Adjusted L/R Balance', 'Mike,

I placed the adjusted L/R Balance on the Enronwest site. It is under the "Staff/Kourtney Nelson". There are two
links:

1) "Adj L_R" is the same data/format from the weekly strategy meeting.
2) "New Gen 2001_2002" link has all of the supply side info that is used to calculate the L/R balance
-Please note the Data Flag column, a value of "3" indicates the project was cancelled, on hold, etc and is not
 included in the calc.

Both of these sheets are interactive Excel spreadsheets and thus you can play around with the data as you please.
Also, James Bruce is working to get his gen report on the web. That will help with your access to information on
new gen.

Please let me know if you have any questions or feedback,

Kourtney

Kourtney Nelson
Fundamental Analysis
Enron North America
(503) 464-8280
kourtney.nelson@enron.com');
INSERT INTO email([from],[to],subject,body) VALUES('d..thomas@enron.com', 'naveed.ahmed@enron.com',
'FW: Current Enron TCC Portfolio', ')

-----Original Message-----
From: Grace, Rebecca M.
Sent: Monday, December 17, 2001 9:44 AM
To: Thomas, Paul D.
Cc: Cashion, Jim; Allen, Thresa A.; May, Tom
Subject: RE: Current Enron TCC Portfolio

Paul,

I reviewed NY”s list. I agree with all of their contracts numbers and mw amounts.

Call if you have any more questions.

Rebecca

-----Original Message-----
From: Thomas, Paul D.
Sent:Monday, December 17, 2001 9:08 AM
To:Grace, Rebecca M.
Subject:FW: Current Enron TCC Portfolio

<< File: enrontccs.xls >>
Rebecca,
Let me know if you see any differences.

Paul
X 3-0403
-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio

-----Original Message-----
From: Thomas, Paul D.
Sent: Thursday, December 13, 2001 10:01 AM
To: Baughman, Edward D.
Subject: Current Enron TCC Portfolio

');
INSERT INTO email([from],[to],subject,body) VALUES('stephanie.panus@enron.com', 'william.bradford@enron.com, debbie.brackett@enron.com,' 'Coastal Merchant Energy/El Paso Merchant Energy', 'Coastal Merchant Energy, L.P. merged with and into El Paso Merchant Energy, L.P., effective February 1, 2001, with the surviving entity being El Paso Merchant Energy, L.P. We currently have ISDA Master Agreements with both counterparties. Please see the attached memo regarding the existing Masters and let us know which agreement should be terminated.

Thanks,
Stephanie
');
INSERT INTO email([from],[to],subject,body) VALUES('kam.keiser@enron.com', 'c..kenne@enron.com', 'RE: What about this too???, '

-----Original Message-----
From: Kenne, Dawn C.
Sent:Wednesday, February 06, 2002 11:50 AM
To:Keiser, Kam
Subject:What about this too???

<< File: Netco Trader Matrix.xls >>

');
INSERT INTO email([from],[to],subject,body) VALUES('chris.meyer@enron.com', 'joe.parks@enron.com', 'Centana', 'Talked to Chip. We do need Cash Committe approval given the netting feature of your deal, which means Batch Funding Request. Please update per my previous e-mail and forward.
Thanks

chris
x31666');
INSERT INTO email([from],[to],subject,body) VALUES('debra.perlingiere@enron.com',
'jworman@academyofhealth.com', ",'Have a great weekend!  Happy Fathers Day!

Debra Perlingiere
Enron North America Corp.
1400 Smith Street, EB 3885
Houston, Texas 77002
dperlin@enron.com
Phone 713-853-7658
Fax 713-646-3490');
INSERT INTO email([from],[to],subject,body) VALUES('outlook.team@enron.com', ",'Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia ",&', 'CALENDAR ENTRY:APPOINTMENT

Description:
Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia & Dir Rpts. - 4102

Date:1/5/2001
Time:9:00 AM - 10:00 AM (Central Standard Time)
Chairperson:Outlook Migration Team

Detailed Description:);
INSERT INTO email([from],[to],subject,body) VALUES('diana.seifert@enron.com', 'mark.taylor@enron.com', 'Guest access Chile', 'Hello Mark,

Justin Boyd told me that your can help me with questions regarding Chile.
We got a request for guest access through MG.
The company is called Escondida and is a subsidiary of BHP Australia.

Please advise if I can set up a guest account or not.
F.Y.I.: MG is planning to put a "in w/h Chile" contract for Copper on-line as soon as Enron has done the due diligence for this country.

Thanks !

Best regards

Diana Seifert
EOL PCG');
INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com',
'mark.whitt@enron.com', '<Concur Expense Document> - 121001', 'The Approval status has changed on the following report:
Status last changed by: Barry L. Tycholiz
Expense Report Name: 121001
Report Total: $198.98
Amount Due Employee: $198.98
Amount Approved: $198.98
Amount Paid: $0.00
Approval Status: Approved
Payment Status: Pending

To review this expense report, click on the following link for Concur Expense.
http://expensxesms.enron.com');
INSERT INTO email([from],[to],subject,body) VALUES('kevin.hyatt@enron.com', '', 'Technical Support', 'Outside the U.S., please refer to the list below:

Australia:
1800 678-515
support@palm-au.com

Canada:
1905 305-6530
support@palm.com

New Zealand:
0800 446-398
support@palm-nz.com

U.K.:
0171 867 0108
eurosupport@palm.3com.com

Please refer to the Worldwide Customer Support card for a complete technical support contact list.

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 10:14 AM
To: Storey, Geoff
Subject: RE:

bp corpAlbert LaMore281-366-4962

running the reports now

-----Original Message-----
From: Storey, Geoff
give me a contact over there too
BP

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 9:42 AM
To: Storey, Geoff
Subject:

Coral
Jeff Whitnah 713-767-5374
Reliant
Steve McGinn 713-207-4000

INSERT INTO email([from],[to],subject,body) VALUES('pete.davis@enron.com', 'pete.davis@enron.com', 'Start Date: 4/22/01; HourAhead hour: 3;  <CODESITE>', 'Start Date: 4/22/01; HourAhead hour: 3;  No ancillary schedules awarded.
Variances detected.
Variances detected in Load schedule.

LOG MESSAGES:

PARSING FILE -->>> O:\Portland\WestDesk\California Scheduling\ISO Final Schedules\2001042203.txt

---- Load Schedule ----
$$$ Variance found in table tblLoads.
    Details: (Hour: 3 / Preferred:  1.92 / Final:  1.89)
    TRANS_TYPE: FINAL
    LOAD_ID: PGE4
    MKT_TYPE: 2
    TRANS_DATE: 4/22/01
    SC_ID: EPMI

');
INSERT INTO email([from],[to],subject,body) VALUES('john.postlethwaite@enron.com', 'john.zufferli@enron.com', 'Reference', 'John, hope things are going well up there for you. The big day is almost here for you and Jessica. I was wondering if I could use your name as a job reference if need be. I am just trying to get everything in order just in case something happens.

John');
INSERT INTO email([from],[to],subject,body) VALUES('jeffrey.shankman@enron.com', 'lschiffm@jonesday.com', 'Re:', 'I saw you called on the cell this a.m. Sorry I missed you. (I was in the shower). I have had a shitty week--I suspect my silence (not only to you, but others) after our phone call is a result of the week. I'm seeing Glen at 11:15....talk to you');
This week’s Lite Bytz presentation will feature the following TOOLZ speaker:

Richard McDougall
Solaris 8
Thursday, June 7, 2001

If you have not already signed up, please RSVP via email to litebytz@enron.com by the end of the day Tuesday, June 5, 2001.

*Remember: this is now a Brown Bag Event--so bring your lunch and we will provide cookies and drinks.

Click below for more details.

http://home.enron.com:84/messaging/litebyztoolzprint.jpg;

---

The actual tests come after this comment.

---

do_test fts1c-1.2 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark'
  }
} {6 17 25 38 40 42 73 74}

do_test fts1c-1.3 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'susan'
  }
} {24 40}

do_test fts1c-1.4 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark susan'
  }
} {40}

do_test fts1c-1.5 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'susan mark'
  }
} {40}

do_test fts1c-1.6 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH '"mark susan"'
  }
}
Open Source Used In Data Center Network Manager 11.5(4) 27812
WHERE body MATCH 'gas reminder'
}
} {20 \{3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3\}}

# Document 32 contains 5 instances of the world "child". But only
# 3 of them are paired with "product". Make sure only those instances
# that match the phrase appear in the offsets(email) list.
#
do_test fts1c-3.1 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH 'child product' AND +rowid=32
  }
} {32 \{3 0 94 5 3 0 114 5 3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7 3 1 493 7\}}
do_test fts1c-3.2 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH "child product"
  }
} {32 \{3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7\}}

# Snippet generator tests
#
do_test fts1c-4.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'subject:gas reminder'
  }
} {{Alert Posted 10:00 AM November 20,2000: E-<b>GAS</b> Request <b>Reminder</b>}}
do_test fts1c-4.2 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'christmas candlelight'
  }
} {{<b>...</b> place.? What do you think about going here <b>Christmas</b> eve?? They have an 11:00 a.m. service and a <b>candlelight</b> service at 5:00 p.m., among others. <b>...</b>}}
do_test fts1c-4.3 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'deal sheet potential reuse'
  }
} {{EOL-Accenture <b>Deal</b> <b>Sheet</b> intent
    Review Enron asset base for <b>potential</b>/ licensing
    Contract negotiations <b>...</b>}}
do_test fts1c-4.4 {
  execsql {
  }
SELECT snippet(email,'<<<','>>>',' ') FROM email
WHERE email MATCH 'deal sheet potential reuse'
}
} {{EOL-Accenture <<<Deal>>> <<<Sheet>>> intent
  Review Enron asset base for <<<potential>>> <<<reuse>>>/ licensing
  Contract negotiations }}
do_test fts1c-4.5 {
  execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email
    WHERE email MATCH 'first things'
  }
} {{Re: <<<First>>> Polish Deal! Congrats! <<<Things>>> seem to be building rapidly now on the }}
do_test fts1c-4.6 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'chris is here'
  }
} {{<b>chris</b>.germany@enron.com <b>...</b> Sounds good to me. I bet this <b>is</b> next to the Warick??
  Hotel. <b>...</b> place.? What do you think about going <b>here</b> Christmas eve?? They have an 11:00 a.m. <b>...</b>}}
do_test fts1c-4.7 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH "pursuant to"
  }
} {{Erin:
  <b>Pursuant</b> <b>to</b> your request, attached are the Schedule to <b>...</b>}}
do_test fts1c-4.8 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'ancillary load davis'
  }
} {{pete.<b>davis</b>@enron.com <b>...</b> Start Date: 4/22/01; HourAhead hour: 3; No <b>ancillary</b> schedules awarded.
  Variances detected.
  Variances detected in <b>Load</b> schedule.

LOG MESSAGES:

PARSING <b>...</b>}}

# Combinations of AND and OR operators:
#
do_test fts1c-5.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'questar enron OR com'
31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2

six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2

do_test fts1c-5.2 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'enron OR com questar'
  }
}

finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

Copyright 1997-2006 Adobe Systems Incorporated. All Rights Reserved.

Found in path(s):
* %%%Copyright
No license file was found, but licenses were detected in source scan.

%%%Copyright: Copyright(C)2000-2006 Adobe Systems, Inc. All Rights Reserved.
%%%Copyright: Copyright(C)1997-2007 Adobe Systems, Inc. All Rights Reserved.
%%%BeginResource: procset Adobe_CoolType_Core 2.31 0

Found in path(s):
No license file was found, but licenses were detected in source scan.

SQLite is open source, and is available in the public domain

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1049079049_1591308668.43/0/sqlite-3.7.17-8.el7_7.1-1.src.rpm-cosi-expand-
application code is free to use these routines as well, if desired.

Found in path(s):
No license file was found, but licenses were detected in source scan.

MMFauxFont.prc

Found in path(s):
* %%%BeginFile
No license file was found, but licenses were detected in source scan.

<html>
<body bgcolor="white">
<p>FOR IMMEDIATE RELEASE:</p>
<h2 align="center">SQLite Consortium Launches With Mozilla And Symbian As Charter Members</h2>
<h3 align="center">Ensures independent technical direction for world's most deployed SQL database engine</h3>
<p><b>Charlotte, North Carolina - December 12, 2007</b> - The SQLite Consortium, a new membership association dedicated to maintaining SQLite as a fully open and independent product, was formally announced today. Mozilla and Symbian Ltd. have joined the SQLite Consortium as charter members. <p>

SQLite is a compact, high efficiency, high reliability, embeddable SQL database engine. The source code to SQLite is in the public domain and is available with no associated fees. SQLite is the most deployed SQL database engine in the world and is currently used in a wide range of commercial software products and electronic devices from leading manufacturers. SQLite is found today in many mobile phones, MP3 players, set-top boxes, and PCs. <p>

The mission of the SQLite Consortium is to continue developing and enhancing SQLite as a product that anyone may use without paying royalties or licensing fees. Members of the SQLite Consortium provide funding to enable this mission and in return receive enterprise-level technical support. Technical control and direction of SQLite remains entirely with the SQLite developers. <p>

Mozilla, developer of the popular open-source Firefox web browser, and Symbian, the market-leading open operating system for advanced data-enabled smartphones, both deploy the SQLite database engine in their products. As charter members of the Consortium, Mozilla and Symbian are ensuring the development and support of
SQLite as a freely accessible and public domain software asset.

"SQLite has become a popular embedded database because it is lightweight, fast, and open source," said Michael Schroepfer, Vice President of Engineering, Mozilla. "As a charter member of the SQLite Consortium, Mozilla is excited to help ensure SQLite remains a vibrant and open technology, in line with our mission to promote choice and innovation on the Internet."

"The SQLite Consortium will help set the standards for database management which are essential in smartphone functionality and will also help create a pool of developers, highly-skilled in SQLite for future mobile phone development," said Bruce Carney, Director, Developer Programmes & Services, Symbian. "Our involvement with the SQL Consortium not only demonstrates Symbian's commitment to open standards in the industry, but as mobile phones become increasingly powerful and smartphones become increasingly popular, we are focused on ensuring that desktop developers, who move to the mobile space, have the easiest and most productive experience possible."

SQLite is a winner of the 2005 Google/O'Reilly Open Source Award. Additional information regarding the SQLite Consortium is available at the SQLite website, http://www.sqlite.org/.

# # #

About SQLite

SQLite is a software library that implements a self-contained, embeddable, serverless, zero-configuration, transactional SQL database engine. The code for SQLite is in the public domain and is free for any use, commercial or private. SQLite is currently found in countless software titles and electronic devices.

SQLite was originally developed and released 2000 by Dr. D. Richard Hipp. The code continues to be maintained and enhanced by an international team of developers under Hipp's direction.

CONTACT INFORMATION:
SQLite Consortium
Dr. D. Richard Hipp
6200 Maple Cove Lane
Charlotte, NC 28269
Email: drh@sqlite.org
http://www.sqlite.org/
Tel: +1.704.948.4565
<p><b>About Mozilla</b></p>

Mozilla is a global community dedicated to building free, open source products and technologies that improve the online experience for people everywhere. Mozilla works in the open with a highly disciplined, transparent and cooperative development process, under the umbrella of the non-profit Mozilla Foundation. As a wholly owned subsidiary, the Mozilla Corporation organizes the development and marketing of Mozilla products. This unique structure has enabled Mozilla to financially support and cultivate competitive, viable community innovation. For more information, visit www.mozilla.com.

<p><b>CONTACT INFORMATION:</b><br>
Mozilla Corporation<br>Jessica Waight<br>Tel: +1.415.345.4754<br>Email: jwaight@outcastpr.com</p>

<p><b>About Symbian Limited</b></p>

Symbian is a software licensing company that develops and licenses Symbian OS, the market-leading open operating system for advanced, data-enabled mobile phones known as smartphones.

Symbian licenses Symbian OS to the world’s leading handset manufacturers and has built close co-operative business relationships with leading companies across the mobile industry. During Q3 2007, 20.4 million Symbian smartphones were sold worldwide to over 250 major network operators, bringing the total number of Symbian smartphones shipped up to 30 September 2007 to 165 million.

Symbian has its headquarters in London, United Kingdom, with offices in the United States, United Kingdom, Asia (India, P.R. China, and Korea) and Japan. For more information, please visit www.symbian.com.

<p><b>CONTACT INFORMATION:</b><br>
Symbian Global Press Office<br>Karen Hamblen<br>+44 207 154 1707<br>press@symbian.com</p>

Found in path(s):
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The `psow` query parameter works with the default windows and unix VFSes but might be a no-op for other proprietary or non-standard VFSes.

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```
```
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SQLite core and like the SQLite core are in the public domain. The
The `<b><a href="th3.html">TH3</a>" test harness is a set of proprietary tests, written in

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```
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```
/*
 ** Return a pointer to the "temporary page" buffer held internally
 ** by the pager. This is a buffer that is big enough to hold the
 ** entire content of a database page. This buffer is used internally
 ** during rollback and will be overwritten whenever a rollback
 ** occurs. But other modules are free to use it too, as long as
 ** no rollbacks are happening.
 */
```

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```
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application is free to use the same `<a href="/c3ref/sqlite3.html">database connection</a>` or the

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```
/*
 ** The "printf" code that follows dates from the 1980's. It is in
 ** the public domain. The original comments are included here for
 ** completeness. They are very out-of-date but might be useful as
 ** an historical reference. Most of the "enhancements" have been backed
 ** out so that the functionality is now the same as standard printf().
 **
 ***
 ****************************************************************************
```

---

**Open Source Used In Data Center Network Manager 11 11.5(4) 27819**
FILE "printf.c"

This file contains code for a set of "printf"-like routines. These routines format strings much like the printf() from the standard C library, though the implementation here has enhancements to support SQLite.

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other proprietary or non-standard VFSes.

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SQLite Consortium Agreement

WHEREAS, Hipp, Wyrick & Company, Inc., a Georgia Corporation with headquarters at 6200 Maple Cove Lane, Charlotte, NC ("Hwaci").

WHEREAS, Company wishes to support the independent development of the SQLite database engine to insure the continuing reliability, vitality, and independence of SQLite, and in connection therewith, Company wishes to provide funds for ongoing research, development, and maintenance of the SQLite code base, operation of the SQLite website, protection and maintenance of the SQLite trademark, as well as for promotion of SQLite at conferences and trade shows; and
WHEREAS, Company wishes to receive benefits in the form of services from Hwaci in consideration for their support of SQLite; and

WHEREAS, Company and Hwaci each wish SQLite to be supported and maintained as an independent, community-driven project, and to ensure the SQLite development team remains independent.

NOW, THEREFORE, in consideration of the mutual promises contained herein, the parties agree as follows:

1.0 Definitions

1.1 SQLite Developers

The “SQLite Developers” are the employees or contractors of Hwaci engaged in the development of SQLite, including without limitation the SQLite Architect.

1.2 SQLite Architect

The "SQLite Architect" is the SQLite Developer with ultimate responsibility and authority over changes and maintenance of the SQLite code. The current SQLite Architect is the original designer and developer of SQLite, D. Richard Hipp. Hwaci may change the SQLite Architect from time to time upon approval by Company.

1.3 Consortium Member

A "Consortium Member" is a company or organization, including but not limited to Company, which has entered into an agreement with Hwaci which is substantially similar to this Agreement.

2.0 Agreement

2.1 Responsibilities And Obligations Of SQLite Developers

2.1.1 General Support

The SQLite Developers shall provide, without limit, timely and accurate answers, advice, and instruction in response to questions and comments from Company about SQLite submitted by email or by telephone at any time day or night.

2.1.2 Debugging Support

The SQLite Developers shall at Company's request provide Company with direct assistance in debugging applications that are built upon or use SQLite. The combined time for Debugging Support and Custom Development for Company is limited to 330 hours per year.
<h4>2.1.3 Custom Development</h4>
<p>The SQLite Developers shall at the request of Company write new extensions or enhancements to SQLite according to Company's specifications. These extensions and enhancements may be proprietary to Company or open source or with the consent of both Company and the SQLite Architect may be folded into the public domain SQLite source tree. The time devoted to Custom Development for Company is limited 220 hours per year.</p>

<h4>2.1.4 Custom Builds</h4>
The SQLite Developers shall at Company's request provide Company with specialized builds of SQLite according to Company's specifications.

<h4>2.1.5 Legacy Support</h4>
The SQLite Developers shall at Company's request provide support and bug-fix patches for any historical version of SQLite.

<h4>2.1.6 Custom Testing</h4>
The SQLite Developers shall at Company's request set up and run acceptance tests according Company's specifications that are specifically designed to exercise SQLite as configured and used by Company. These acceptance tests shall be run and shall pass prior to any release of SQLite.

<h4>2.1.7 Priority Bug Fixes</h4>
The SQLite Developers shall assign highest priority to fixing bugs in SQLite that are reported by Company or in which Company has expressed a specific interest.

<h4>2.1.8 Code Quality</h4>
The SQLite Developers shall at all times keep the SQLite source code well commented and documented and clearly structured and organized so that an experienced and competent programmer can understand it and support it after no more than a few months of study.

<h4>2.1.9 Backwards Compatibility</h4>
The SQLite Developers recognize that Company uses SQLite in mission-critical applications and therefore shall work diligently to ensure continuing bug-free correct operation and backwards compatibility with prior releases.
<h3>2.2 Responsibilities And Obligations Of The SQLite Architect</h3>

<h4>2.2.1 Private Briefings</h4>
<p>The SQLite Architect shall, at the request of Company, provide Company with private notification and briefings of any new bugs or new features in SQLite that might effect Company's products.</p>

<h4>2.2.2 Direction</h4>
<p>The SQLite Architect shall coordinate the activities of SQLite Developers and shall publish from time to time a roadmap of proposed future changes and enhancements to SQLite.</p>

<h4>2.2.3 Oversight</h4>
<p>The SQLite Architect shall personally review all changes to the SQLite Source Code and take responsibility for the quality and correctness of those changes.</p>

<h4>2.2.4 Continuity</h4>
<p>The initial SQLite Architect shall be the original developer of SQLite, D. Richard Hipp. The role of SQLite Architect shall not be assigned to another during the term of this Agreement except due to the disability of Dr. Hipp and with approval of Company.</p>

<h3>2.3 Responsibilities And Obligations Of Hwaci</h3>

<h4>2.3.1 Employer</h4>
<p>Hwaci shall act as the employer of the SQLite Developers and SQLite Architect and shall make all tax and legal filings.
and tax withholding required by employers. Hwaci shall provide Company with W-9 information upon request.

<p></p>

<h4>2.3.2 Responsible Party</h4>
<p>All obligations of the SQLite Developers set forth in this agreement are deemed obligations of Hwaci. Hwaci shall recruit, employ, and supervise SQLite Developers in such a way that the responsibilities and obligations of the SQLite Developers set forth in this agreement are upheld.</p>

<h4>2.3.3 Multiple Developers</h4>
<p>Hwaci shall recruit and employ as many SQLite Developers for as many hours as can be reasonably achieved using the funds received from Consortium Members under this agreement. So that support for SQLite will not be interrupted by the disability or withdrawal of any one SQLite Developer, Hwaci will keep at least two knowledgeable and competent SQLite Developers on staff.</p>

<h4>2.3.4 Mentorship</h4>
<p>Hwaci shall work to encourage independent programmers from around the world to become familiar with SQLite internals so that there will be a pool of talent able to support SQLite in the future.</p>

<h4>2.3.5 Audits</h4>
<p>Hwaci shall keep and maintain complete and accurate records of the use of development funds provided by Company and shall allow Company, or its representative, a certified public accountant mutually acceptable to Hwaci and Company, during office hours and at reasonable intervals, no more than once every 12 months, to inspect and make extracts or copies of such records solely for the purpose of ascertaining Hwaci's compliance with the objectives and requirements of this agreement.</p>

<h4>2.3.6 Disaster Planning</h4>
<p>Hwaci shall maintain backup copies of all SQLite source files and documentation, current and historical, at at least two separate locations separated from each other and from the primary on-line SQLite repository by at least 400 kilometers.</p>

<h4>2.3.7 Trademark</h4>
<p>Hwaci shall maintain ownership of the SQLite trademark and
the sqlite.org domain name and shall purchase bandwidth and server space for the <a href="http://www.sqlite.org/">http://www.sqlite.org/</a> website.
</p>

<h4>2.3.8 No Take-overs or Buy-outs</h4>
<p>Neither Hwaci nor the SQLite Architect shall relinquish development control of SQLite during the term of this Agreement, by acquisition or merger or by any other means, except with the consent of Company.
</p>

<h4>2.3.9 New Consortium Members</h4>
<p>New Consortium Members may be accepted into the consortium from time to time under identical terms as this agreement, or under substantially similar terms that have been approved by existing Consortium Members.</p>

<h4>2.3.10 Adequate Staff</h4>
Hwaci shall recruit and employ a sufficient number of qualified SQLite Developers to easily cover all custom development, debugging, and general support service obligations for all Consortium Members while still providing ample time for the SQLite Developers to engage in general maintenance and extension of SQLite.

<h4>2.3.11 Use Of Funds</h4>
<p>Hwaci shall use the funds provided hereunder solely for the development and maintenance of SQLite as set forth in this Agreement. Interest on funds received in advance and held in trust will be reinvested and used for the same purposes as the principal.
</p>

<h3>2.4 Responsibilities And Obligations Of Company</h3>

<h4>2.4.1 Funding</h4>
<p>Company shall provide funding for the ongoing support and maintenance of SQLite as set forth in section 3.0 "Fees".
</p>

<h4>2.4.2 Copyright Disclaimer</h4>
<p>Company acknowledges that SQLite source code and documentation published on the <a href="http://www.sqlite.org/">SQLite website</a> is in the public domain and that nothing in this agreement shall change that fact.
</p>
<h2>3.0 Fees</h2>

In consideration of the performance by Hwaci, the SQLite Developers, and the SQLite Architect of the obligations described herein, Company shall pay Hwaci at least US $75,000 per year in advance either annually, quarterly, or monthly, at Company’s discretion.

<h2>4.0 Confidentiality</h2>

<h3>4.1 Definition of Confidential Information</h3>

"Confidential Information" means any Company proprietary information, technical data, trade secrets or know-how, including, but not limited to, research, product plans, products, services, customers, customer lists, markets, software, developments, inventions, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances or other business information disclosed by Company either directly or indirectly in writing, orally or by drawings or inspection of parts or equipment.

<h3>4.2 Non-Use and Non-Disclosure.</h3>

Hwaci shall not, during or subsequent to the term of this Agreement, use Company's Confidential Information for any purpose whatsoever other than the performance of the Services or disclose Company's Confidential Information to any third party. The parties acknowledge that Confidential Information will remain the sole property of Company. Hwaci shall take all reasonable precautions to prevent any unauthorized disclosure of Confidential Information including, but not limited to, having each employee or consultant of Hwaci, if any, with access to any Confidential Information, execute a nondisclosure agreement containing provisions in Company's favor substantially similar to this Agreement. Confidential Information does not include information that: (i) is known to Hwaci at the time of disclosure to Hwaci by Company as evidenced by written records of Hwaci; (ii) has become publicly known and made generally available through no wrongful act of Hwaci; or (iii) has been received by Hwaci from a third party who is authorized to make such disclosure.

<h4>4.2.1 Disclosure Required by Law</h4>

In the event any Confidential Information is required to be disclosed by Hwaci under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction, or by a demand or information request from an executive or administrative agency
or other governmental authority, Hwaci shall, unless prohibited by the terms of a subpoena, order, or demand, promptly notify Company of the existence, terms and circumstances surrounding such demand or request, shall consult with Company on the advisability of taking legally available steps to resist or narrow such demand or request, and, if disclosure of such Confidential Information is required, shall exercise its reasonable best efforts to narrow the scope of disclosure and obtain an order or other reliable assurance that confidential treatment will be accorded to such Confidential Information. To the extent that Hwaci is prohibited from notifying Company of a subpoena, order or demand, by the terms of same, Hwaci shall exercise its reasonable efforts to narrow the scope of disclosure.

4.3 Return of Materials.

Upon the termination of this Agreement, or upon Company’s earlier request, Hwaci shall deliver to Company all of Company’s property or Confidential Information that Hwaci may have in Hwaci’s possession or control.

5.0 Intellectual Property

5.1 No Assignment

Company acknowledges that all copyrightable material, notes, records, drawings, designs, inventions, improvements, developments, discoveries and trade secrets made, generated, conceived, or reduced to practice by Hwaci related to SQLite will remain the property of Hwaci. Nothing in this Agreement will be construed to transfer any intellectual property right of Hwaci to Company.

5.2 Availability and Public Domain Dedication

The SQLite Developers and Hwaci shall, subject to their discretion as to the quality and suitability of the SQLite source code and documentation for public release, make the SQLite source code and documentation publicly available as downloadable files and make a public statement ceding all intellectual property rights, including but not limited to copyright and patent rights, in the SQLite source code and documentation to the public domain. To the extent that the SQLite Developers and Hwaci elect not to release the SQLite
source code and documentation
publicly, they shall provide copies thereof to
Company and hereby grants to Company, under all of the
SQLite Developers' and Hwaci's
rights
including but not limited to copyright and patent rights,
in and to the SQLite source code and documentation,
perpetual, irrevocable,
worldwide, non-exclusive, sublicensable license to use,
copy, prepare derivative works of, publicly perform and
display the SQLite source code and documentation
and derivative works thereof.</p>

<h3>5.3 Trademark</h3>

<p>Hwaci shall use the name "SQLite" only to apply to the
publicly available project known by such name as of the
Effective Date. Hwaci may in its discretion file such
trademark applications or registrations as it deems
appropriate to protect or record its rights therein,
and may set such policies as it deems appropriate for
licensing the use of the trademark.</p>

<h2>6.0 Representations And Warranties</h2>

<h3>6.1 Intellectual Property Clearances.</h3>

<p>Hwaci hereby represents and warrants that Hwaci shall
enter into agreements with the SQLite Developers sufficient
to enable Hwaci to undertake the obligations of Section 5.</p>

<h3>6.2 Disclaimer.</h3>

<p>THE WORK PRODUCT AND ALL MATERIAL PROVIDED BY HWACI AND
COMPANY ARE PROVIDED "AS IS." NEITHER PARTY MAKES ANY
REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER ORAL
OR WRITTEN, WHETHER EXPRESS, IMPLIED, OR ARISING BY STATUTE,
CUSTOM, COURSE OF DEALING OR TRADE USAGE, WITH RESPECT TO
THE SUBJECT MATTER HEREOF, IN CONNECTION WITH THIS AGREEMENT.
EACH PARTY SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED
WARRANTIES OR CONDITIONS OF TITLE, MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.</p>

<h2>7.0 Term And Termination</h2>

<h3>7.1 Term.</h3>

<p>This Agreement will commence on the Effective Date and
will continue until 12 months after the Effective Date. Thereafter, the parties may by mutual consent renew this Agreement subject to agreement on fees to be paid by Company for sponsorship for additional periods.

<h3>7.2 Termination.</h3>

<p>If either party materially defaults in the performance of any of its material obligations hereunder and if any such default is not corrected within 30 days after notice in writing, then the non-defaulting party, at its option, may, in addition to any other remedies it may have, thereupon terminate this Agreement by giving written notice of termination to the defaulting party.</p>

<h3>7.3 Survival.</h3>

<p>Upon such termination all rights and duties of the parties toward each other will cease except: Sections 4 (Confidentiality), 5 (Intellectual Property), and 8 (Miscellaneous) will survive termination of this Agreement.</p>

<h2>8. Miscellaneous</h2>

<h3>8.1 Nonassignment/Binding Agreement.</h3>

<p>The parties acknowledge that the unique nature of Hwaci's services are substantial consideration for the parties' entering into this Agreement. Neither this Agreement nor any rights under this Agreement may be assigned or otherwise transferred by Hwaci, in whole or in part, whether voluntarily or by operation of law, without the prior written consent of Company, which consent will not be unreasonably withheld. Subject to the foregoing, this Agreement will be binding upon and will inure to the benefit of the parties and their respective successors and assigns. Any assignment in violation of the foregoing will be null and void.</p>

<h3>8.2 Notices.</h3>

<p>Any notice required or permitted under the terms of this Agreement or required by law must be in writing and must be: (a) delivered in person; (b) sent by first class registered mail, or air mail, as appropriate; or (c) sent by overnight air courier, in each case properly posted and fully prepaid to the appropriate address set forth in the preamble to this Agreement. Either party
may change its address for notice by notice to the other party given in accordance with this Section. Notices will be considered to have been given at the time of actual delivery in person, three business days after deposit in the mail as set forth above, or one day after delivery to an overnight air courier service.

<h3>8.3 Waiver.</h3>

Any waiver of the provisions of this Agreement or of a party's rights or remedies under this Agreement must be in writing to be effective. Failure, neglect, or delay by a party to enforce the provisions of this Agreement or its rights or remedies at any time, will not be construed as a waiver of such party's rights under this Agreement and will not in any way affect the validity of the whole or any part of this Agreement or prejudice such party's right to take subsequent action. No exercise or enforcement by either party of any right or remedy under this Agreement will preclude the enforcement by such party of any other right or remedy under this Agreement or that such party is entitled by law to enforce.

<h3>8.4 Severability.</h3>

If any term, condition, or provision in this Agreement is found to be invalid, unlawful or unenforceable to any extent, the parties shall endeavor in good faith to agree to such amendments that will preserve, as far as possible, the intentions expressed in this Agreement. If the parties fail to agree on such an amendment, such invalid term, condition or provision will be severed from the remaining terms, conditions and provisions, which will continue to be valid and enforceable to the fullest extent permitted by law.

<h3>8.5 Integration.</h3>

This Agreement contains the entire agreement of the parties with respect to the subject matter of this Agreement and supersedes all previous communications, representations, understandings and agreements, either oral or written, between the parties with respect to said subject matter. This Agreement may not be amended, except by a writing signed by both parties.

<h3>8.6 Counterparts.</h3>
<p>This Agreement may be executed in counterparts, each of which so executed will be deemed to be an original and such counterparts together will constitute one and the same agreement.</p>

<h3>8.7 Governing Law.</h3>

<p>This Agreement will be interpreted and construed in accordance with the laws of the State of North Carolina and the United States of America, without regard to conflict of law principles. All disputes arising out of this Agreement will be subject to the exclusive jurisdiction of the state and federal courts located in North Carolina, and each party hereby consents to the personal jurisdiction thereof.</p>

<h3>8.8 Independent Contractors.</h3>

<p>It is the intention of the parties that Hwaci is an independent contractor. Nothing in this Agreement will in any way be construed to constitute Hwaci or any of its employees as an agent, employee or representative of Company.</p>

<h2>9.0 Signatures</h2>

<p>The parties have executed this Agreement below to indicate their acceptance of its terms.</p>

<table width="100%" border="0">
<tr valign="top">
<td>
HWACI<br>
By: <hr>
Print Name: <hr>
Title: <hr>
</td>
<td width="10%"></td>
<td>
COMPANY<br>
By: <hr>
Print Name: <hr>
Title: <hr>
</td>
</tr>
</table>
No license file was found, but licenses were detected in source scan.

/*
 ** 2004 May 22
 **
 ** The author disclaims copyright to this source code. In place of
 ** a legal notice, here is a blessing:
 **
 ** May you do good and not evil.
 ** May you find forgiveness for yourself and forgive others.
 ** May you share freely, never taking more than you give.
 **
******************************************************************************
 **
 ** This file contains the VFS implementation for unix-like operating systems
 ** include Linux, MacOSX, *BSD, QNX, VxWorks, AIX, HPUX, and others.
 **
 ** There are actually several different VFS implementations in this file.
 ** The differences are in the way that file locking is done. The default
 ** implementation uses Posix Advisory Locks. Alternative implementations
 ** use flock(), dot-files, various proprietary locking schemas, or simply
 ** skip locking all together.
 **
 ** This source file is organized into divisions where the logic for various
 ** subfunctions is contained within the appropriate division. PLEASE
 ** KEEP THE STRUCTURE OF THIS FILE INTACT. New code should be placed
 ** in the correct division and should be clearly labeled.
 **
 ** The layout of divisions is as follows:
 **
 ** *  General-purpose declarations and utility functions.
 ** *  Unique file ID logic used by VxWorks.
 ** *  Various locking primitive implementations (all except proxy locking):
 **    + for Posix Advisory Locks
 **    + for no-op locks
 **    + for dot-file locks
 **    + for flock() locking
 **    + for named semaphore locks (VxWorks only)
 **    + for AFP filesystem locks (MacOSX only)
 ** *  sqlite3_file methods not associated with locking.
 ** *  Definitions of sqlite3_io_methods objects for all locking
 **    methods plus "finder" functions for each locking method.
 */
** sqlite3_vfs method implementations.
** Locking primitives for the proxy uber-locking-method. (MacOSX only)
** Definitions of sqlite3_vfs objects for all locking methods
** plus implementations of sqlite3_os_init() and sqlite3_os_end().
*/

Found in path(s):
No license file was found, but licenses were detected in source scan.

/ *
* This code implements the MD5 message-digest algorithm.
* The algorithm is due to Ron Rivest.  This code was
* written by Colin Plumb in 1993, no copyright is claimed.
* This code is in the public domain; do with it what you wish.
*
* Equivalent code is available from RSA Data Security, Inc.
* This code has been tested against that, and is equivalent,
* except that you don't need to include two pages of legalese
* with every copy.
*
* To compute the message digest of a chunk of bytes, declare an
* MD5Context structure, pass it to MD5Init, call MD5Update as
* needed on buffers full of bytes, and then call MD5Final, which
* will fill a supplied 16-byte array with the digest.
*/

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No license file was found, but licenses were detected in source scan.

2.31 0
1.23 0
1.0 0

Found in path(s):
* %-%Version
No license file was found, but licenses were detected in source scan.

<p><b>Public domain</b></p>
The source code for SQLite is in the public domain. No claim of copyright

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1049079049_1591308668.43/0/sqlite-3.7.17-8.el7_7.1-1.src.rpm-cosi-expand-
No license file was found, but licenses were detected in source scan.

No license file was found, but licenses were detected in source scan.

No license file was found, but licenses were detected in source scan.

Found in path(s):

No license file was found, but licenses were detected in source scan.

# 2001 September 15
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
# May you do good and not evil.
# May you find forgiveness for yourself and forgive others.
# May you share freely, never taking more than you give.
#
#***********************************************************************
# This file implements regression tests for SQLite library. The
# focus of this file is testing built-in functions.
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# Create a table to work with.
#
do_test func-0.0 {
  execsql [CREATE TABLE tbl1(t1 text)]
  foreach word [this program is free software] {
    execsql "INSERT INTO tbl1 VALUES('$word')"
  }
  execsql [SELECT t1 FROM tbl1 ORDER BY t1]
} {free is program software this}
do_test func-0.1 {
  execsql {
    CREATE TABLE t2(a);
    INSERT INTO t2 VALUES(1);
    INSERT INTO t2 VALUES(NULL);
  } {free is program software this}
INSERT INTO t2 VALUES(345);
INSERT INTO t2 VALUES(NULL);
INSERT INTO t2 VALUES(67890);
SELECT * FROM t2;

# Check out the length() function
#
do_test func-1.0 {
  execsql {SELECT length(t1) FROM tbl1 ORDER BY t1}
} {4 2 7 8 4}
do_test func-1.1 {
  set r [catch {execsql {SELECT length(*) FROM tbl1 ORDER BY t1}} msg]
  lappend r $msg
} {1 {wrong number of arguments to function length()}}
do_test func-1.2 {
  set r [catch {execsql {SELECT length(t1,5) FROM tbl1 ORDER BY t1}} msg]
  lappend r $msg
} {1 {wrong number of arguments to function length()}}
do_test func-1.3 {
  execsql {SELECT length(t1), count(*) FROM tbl1 GROUP BY length(t1)
            ORDER BY length(t1)}
} {2 1 4 2 7 1 8 1}
do_test func-1.4 {
  execsql {SELECT coalesce(length(a),-1) FROM t2}
} {1 -1 3 -1 5}

# Check out the substr() function
#
do_test func-2.0 {
  execsql {SELECT substr(t1,1,2) FROM tbl1 ORDER BY t1}
} {fr is pr so th}
do_test func-2.1 {
  execsql {SELECT substr(t1,2,1) FROM tbl1 ORDER BY t1}
} {r s r o h}
do_test func-2.2 {
  execsql {SELECT substr(t1,3,3) FROM tbl1 ORDER BY t1}
} {ee {} ogr ftw is}
do_test func-2.3 {
  execsql {SELECT substr(t1,-1,1) FROM tbl1 ORDER BY t1}
} {e s m e s}
do_test func-2.4 {
  execsql {SELECT substr(t1,-1,2) FROM tbl1 ORDER BY t1}
} {e s m e s}
do_test func-2.5 {
  execsql {SELECT substr(t1,-2,1) FROM tbl1 ORDER BY t1}
} {e i a r i}
do_test func-2.6 {
    execsql {SELECT substr(t1,-2,2) FROM tbl1 ORDER BY t1}
} {ee is am re is}
do_test func-2.7 {
    execsql {SELECT substr(t1,-4,2) FROM tbl1 ORDER BY t1}
} {fr {} gr wa th}
do_test func-2.8 {
    execsql {SELECT t1 FROM tbl1 ORDER BY substr(t1,2,20)}
} {this software free program is}
do_test func-2.9 {
    execsql {SELECT substr(a,1,1) FROM t2}
} {1 {} 3 {} 6}
do_test func-2.10 {
    execsql {SELECT substr(a,2,2) FROM t2}
} {() {} 45 {} 78}

# Only do the following tests if TCL has UTF-8 capabilities
#
if {
    "$u1234"!="u1234"
} {

# Put some UTF-8 characters in the database
#
    do_test func-3.0 {
        execsql (DELETE FROM tbl1)
        foreach word "contains UTF-8 characters hi\u1234ho" {
            execsql "INSERT INTO tbl1 VALUES('Sword')"
        }
        execsql {SELECT t1 FROM tbl1 ORDER BY t1}
    } "UTF-8 characters contains hi\u1234ho"
do_test func-3.1 {
    execsql {SELECT length(t1) FROM tbl1 ORDER BY t1}
} {5 10 8 5}
do_test func-3.2 {
    execsql {SELECT substr(t1,1,2) FROM tbl1 ORDER BY t1}
} {UT ch co hi}
do_test func-3.3 {
    execsql {SELECT substr(t1,1,3) FROM tbl1 ORDER BY t1}
} "UTF cha con hi\u1234"
do_test func-3.4 {
    execsql {SELECT substr(t1,2,2) FROM tbl1 ORDER BY t1}
} "TF ha on i\u1234"
do_test func-3.5 {
    execsql {SELECT substr(t1,2,3) FROM tbl1 ORDER BY t1}
} "TF- har ont i\u1234h"
do_test func-3.6 {
    execsql {SELECT substr(t1,3,2) FROM tbl1 ORDER BY t1}
} "F- ar nt \u1234h"
do_test func-3.7 {
execsql {SELECT substr(t1,4,2) FROM tbl1 ORDER BY t1}
} "8  s  o"
do_test func-3.8 {
execsql {SELECT substr(t1,-1,1) FROM tbl1 ORDER BY t1}
} "F- er in \u1234h"
do_test func-3.9 {
execsql {SELECT substr(t1,-3,2) FROM tbl1 ORDER BY t1}
} "TF- ter ain \u1234h"
do_test func-3.10 {
execsql {SELECT substr(t1,-4,3) FROM tbl1 ORDER BY t1}
} "TF- ter ain \u1234h"
do_test func-3.99 {
execsql {DELETE FROM tbl1}
foreach word {this program is free software} {
  execsql "INSERT INTO tbl1 VALUES('$word')"
}
execsql {SELECT t1 FROM tbl1}
} {this program is free software}
}

# Test the abs() and round() functions.
#
ifcapable !floatingpoint {
do_test func-4.1 {
execsql {
  CREATE TABLE t1(a,b,c);
  INSERT INTO t1 VALUES(1,2,3);
  INSERT INTO t1 VALUES(2,12345678901234,-1234567890);
  INSERT INTO t1 VALUES(3,-2,-5);
}
catchsql {SELECT abs(a,b) FROM t1}
} {1 {wrong number of arguments to function abs()}}
}
ifcapable floatingpoint {
do_test func-4.1 {
execsql {
  CREATE TABLE t1(a,b,c);
  INSERT INTO t1 VALUES(1,2,3);
  INSERT INTO t1 VALUES(2,1.2345678901234,-12345.67890);
  INSERT INTO t1 VALUES(3,-2,-5);
}
catchsql {SELECT abs(a,b) FROM t1}
} {1 {wrong number of arguments to function abs()}}
}
do_test func-4.2 {
catchsql {SELECT abs() FROM t1}
} {1 {wrong number of arguments to function abs()}}
ifcapable floatingpoint {
  do_test func-4.3 {
    catchsql {SELECT abs(b) FROM t1 ORDER BY a}
  } {0 [2 1.2345678901234 2]}
  do_test func-4.4 {
    catchsql {SELECT abs(c) FROM t1 ORDER BY a}
  } {0 [3 12345.6789 5]}
}

ifcapable !floatingpoint {
  if {[working_64bit_int]} {
    do_test func-4.3 {
      catchsql {SELECT abs(b) FROM t1 ORDER BY a}
    } {0 [2 12345678901234 2]}
    do_test func-4.4 {
      catchsql {SELECT abs(c) FROM t1 ORDER BY a}
    } {0 [3 1234567890 5]}
    do_test func-4.4.1 {
      execsql {SELECT abs(a) FROM t2}
    } {1 [345 67890]}
    do_test func-4.4.2 {
      execsql {SELECT abs(t1) FROM tbl1}
    } {0.0 0.0 0.0 0.0 0.0}
  }
  do_test func-4.5 {
    catchsql {SELECT round(a,b,c) FROM t1}
  } {1 [wrong number of arguments to function round()]}
execsql {SELECT coalesce(round(a,2),'nil') FROM t2}
] {1.0 nil 345.0 nil 67890.0}
do_test func-4.13 {
  execsql {SELECT round(t1,2) FROM tbl1}
] {0.0 0.0 0.0 0.0 0.0}
do_test func-4.14 {
  execsql {SELECT typeof(round(5.1,1));}
] {real}
do_test func-4.15 {
  execsql {SELECT typeof(round(5.1));}
] {real}
do_test func-4.16 {
  catchsql {SELECT round(b,2.0) FROM t1 ORDER BY b}
] {0 {-2.0 1.23 2.0}}
# Verify some values reported on the mailing list.
# Some of these fail on MSVC builds with 64-bit
# long doubles, but not on GCC builds with 80-bit
# long doubles.
for {set i 1} {$i<999} {incr i} {
  set x1 [expr 40222.5 + $i]
  set x2 [expr 40223.0 + $i]
  do_test func-4.17.$i {
    execsql {SELECT round($x1);}
  } $x2
}
for {set i 1} {$i<999} {incr i} {
  set x1 [expr 40222.05 + $i]
  set x2 [expr 40222.10 + $i]
  do_test func-4.18.$i {
    execsql {SELECT round($x1,1);}
  } $x2
}
do_test func-4.20 {
  execsql {SELECT round(40223.49999999999);}
] {40223.0}
do_test func-4.21 {
  execsql {SELECT round(40224.49999999999);}
] {40224.0}
do_test func-4.22 {
  execsql {SELECT round(40225.49999999999);}
] {40225.0}
for {set i 1} {$i<10} {incr i} {
  do_test func-4.23.$i {
    execsql {SELECT round(40223.49999999999,$i);}
  } {40223.5}
  do_test func-4.24.$i {
    execsql {SELECT round(40224.49999999999,$i);}
  } {40224.5}
do_test_func-4.25.$i {
    execsql {SELECT round(40225.4999999999999,$i);}
} {40225.5}
}
for {set i 10} {$i<32} {incr i} {
    do_test_func-4.26.$i {
        execsql {SELECT round(40223.4999999999999,$i);}
    } {40223.4999999999999}
    do_test_func-4.27.$i {
        execsql {SELECT round(40224.4999999999999,$i);}
    } {40224.4999999999999}
    do_test_func-4.28.$i {
        execsql {SELECT round(40225.4999999999999,$i);}
    } {40225.4999999999999}
}
    do_test_func-4.29 {
        execsql {SELECT round(1234567890.5);}
    } {1234567891.0}
    do_test_func-4.30 {
        execsql {SELECT round(12345678901.5);}
    } {12345678902.0}
    do_test_func-4.31 {
        execsql {SELECT round(123456789012.5);}
    } {123456789013.0}
    do_test_func-4.32 {
        execsql {SELECT round(1234567890123.5);}
    } {1234567890124.0}
    do_test_func-4.33 {
        execsql {SELECT round(12345678901234.5);}
    } {12345678901235.0}
    do_test_func-4.34 {
        execsql {SELECT round(12345678901234.35,1);}
    } {12345678901234.4}
    do_test_func-4.35 {
        execsql {SELECT round(12345678901234.45,2);}
    } {12345678901234.45}
    do_test_func-4.36 {
        execsql {SELECT round(99999999999994.5);}
    } {99999999999995.0}
    do_test_func-4.37 {
        execsql {SELECT round(99999999999999999.55,1);}
    } {99999999999999999.6}
    do_test_func-4.38 {
        execsql {SELECT round(99999999999999999.556,2);}
    } {99999999999999999.56}
}

# Test the upper() and lower() functions
## Test the coalesce() and nullif() functions

```sql
# do_test func-6.1
execsql {SELECT coalesce(a,'xyz') FROM t2}  
} {1 xyz 345 xyz 67890}
```

```sql
# do_test func-6.2
execsql {SELECT coalesce(upper(a),'nil') FROM t2}  
} {1 nil 345 nil 67890}
```

```sql
# do_test func-6.3
execsql {SELECT coalesce(nullif(1,1),'nil')}  
} {nil}
```

```sql
# do_test func-6.4
execsql {SELECT coalesce(nullif(1,2),'nil')}  
} {1}
```

```sql
# do_test func-6.5
execsql {SELECT coalesce(nullif(1,NULL),'nil')}  
} {1}
```

## Test the last_insert_rowid() function

```sql
# do_test func-7.1
execsql {SELECT last_insert_rowid()}  
} [db last_insert_rowid]
```

## Tests for aggregate functions and how they handle NULLs.

```
# ifcapable floatingpoint {
# do_test func-8.1 {
```
ifcapable explain {
  execsql {EXPLAIN SELECT sum(a) FROM t2;}
}
execsql {
  SELECT sum(a), count(a), round(avg(a), 2), min(a), max(a), count(*) FROM t2;
}
}  \{68236 3 22745.33 1 67890 5\}
ifcapable !floatingpoint {
do_test func-8.1 {
  ifcapable explain {
    execsql {EXPLAIN SELECT sum(a) FROM t2;}
  }
  execsql {
    SELECT sum(a), count(a), avg(a), min(a), max(a), count(*) FROM t2;
  }
}  \{68236 3 22745.0 1 67890 5\}
} do_test func-8.2 {
  execsql {
    SELECT max('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t2;
  }
}  \{z+67890abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP\}
ifcapable tempdb {
do_test func-8.3 {
  execsql {
    CREATE TEMP TABLE t3 AS SELECT a FROM t2 ORDER BY a DESC;
    SELECT min('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
  }
}  \{z+1abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP\}
} else {
do_test func-8.3 {
  execsql {
    CREATE TABLE t3 AS SELECT a FROM t2 ORDER BY a DESC;
    SELECT min('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
  }
}  \{z+1abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP\}
} do_test func-8.4 {
  execsql {
    SELECT max('z+'||a||'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP') FROM t3;
  }
}  \{z+67890abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOP\}
ifcapable compound {
do_test func-8.5 {
  execsql {
    SELECT sum(x) FROM (SELECT '9223372036' || '854775807' AS x

UNION ALL SELECT -9223372036854775807)

}
} {0}
do_test func-8.6 {
  execsql {
    SELECT typeof(sum(x)) FROM (SELECT '9223372036' || '854775807' AS x
    UNION ALL SELECT -9223372036854775807)
  }
} {integer}
do_test func-8.7 {
  execsql {
    SELECT typeof(sum(x)) FROM (SELECT '9223372036' || '854775808' AS x
    UNION ALL SELECT -9223372036854775807)
  }
} {real}
ifcapable floatingpoint {
  do_test func-8.8 {
    execsql {
      SELECT sum(x)>0.0 FROM (SELECT '9223372036' || '854775808' AS x
      UNION ALL SELECT -9223372036850000000)
    }
} {1}
}
ifcapable !floatingpoint {
  do_test func-8.8 {
    execsql {
      SELECT sum(x)>0 FROM (SELECT '9223372036' || '854775808' AS x
      UNION ALL SELECT -9223372036850000000)
    }
} {1}
}

# How do you test the random() function in a meaningful, deterministic way?
#
do_test func-9.1 {
  execsql {
    SELECT random() is not null;
  }
} {1}
do_test func-9.2 {
  execsql {
    SELECT typeof(random());
  }
} {integer}
do_test func-9.3 {
  execsql {
    SELECT randomblob(32) is not null;
  }
} {real}

do_test func-9.4 {
  execsql {
    SELECT typeof(randomblob(32));
  }
} {blob}
do_test func-9.5 {
  execsql {
    SELECT length(randomblob(32)), length(randomblob(-5)),
          length(randomblob(2000))
  }
} {32 1 2000}

# The "hex()" function was added in order to be able to render blobs
# generated by randomblob(). So this seems like a good place to test
# hex().
#
if capable bloblit {
do_test func-9.10 {
  execsql {
    SELECT hex(x'00112233445566778899aAbBcCdDeEffF')
  }
} {00112233445566778899AABBCCDDEEFF}
}set encoding [db one {PRAGMA encoding}]
if {$encoding=="UTF-16le"} {
do_test func-9.11-utf16le {
  execsql {
    SELECT hex(replace('abcdefg','ef','12'))
  }
} {6100620063006400310032006700}
do_test func-9.12-utf16le {
  execsql {
    SELECT hex(replace('abcdefg','','12'))
  }
} {6100620063006400650066006700}
do_test func-9.13-utf16le {
  execsql {
    SELECT hex(replace('aabcdefg','a','aaa'))
  }
} {61006100610061006100620063006400650066006700}
} elseif {$encoding=="UTF-8"} {
do_test func-9.11-utf8 {
  execsql {
    SELECT hex(replace('abcdefg','ef','12'))
  }
} {61626364313267}
do_test func-9.12-utf8 {
  execsql {
    SELECT hex(replace('abcdefg','','12'))
  }
} {61626364656667}
do_test func-9.13-utf8 {
  execsql {
    SELECT hex(replace('aabcdefg','a','aaa'))
  }
} {6161616161626364656667}
}

# Use the "sqlite_register_test_function" TCL command which is part of
# the text fixture in order to verify correct operation of some of
# the user-defined SQL function APIs that are not used by the built-in
# functions.

set ::DB [sqlite3_connection_pointer db]
sqlite_register_test_function $::DB testfunc
do_test func-10.1 {
catchsql {
    SELECT testfunc(NULL,NULL);
}
} {1 {first argument should be one of: int int64 string double null value}}
do_test func-10.2 {
execsql {
    SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'int', 1234
    );
}
} {1234}
do_test func-10.3 {
execsql {
    SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'string', NULL,
    );
}
} {{}}
ifcapable floatingpoint {
do_test func-10.4 {
execsql {
    SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'double', 1.234
    );
}
} {1.234}
do_test func-10.5 {
execsql {
    SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'int', 1234,
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'string', NULL,
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
    );
}
} {{}}
do_test func-10.6 {
execsql {
    SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'int', 1234,
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'string', NULL,
    );
}
} {{}}
do_test func-10.7 {
execsql {
    SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'int', 1234,
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
    );
}
} {{}}
do_test func-10.8 {
execsql {
    SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
        'int', 1234,
    );
}
} {{}}
do_test func-10.9 {
execsql {
    SELECT testfunc(
        'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
    );
}
} {{}}
'string', NULL,
'string', 'abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ',
'double', 1.234
);
}
} {1.234}
}
# Test the built-in sqlite_version(*) SQL function.
#
do_test func-11.1 {
execsql {
SELECT sqlite_version(*);
}
} [sqlite3 -version]
# Test that destructors passed to sqlite3 by calls to sqlite3_result_text()
# etc. are called. These tests use two special user-defined functions
# (implemented in func.c) only available in test builds.
#
# Function test_destructor() takes one argument and returns a copy of the
# text form of that argument. A destructor is associated with the return
# value. Function test_destructor_count() returns the number of outstanding
# destructor calls for values returned by test_destructor().
#
if {[db eval {PRAGMA encoding}]=="UTF-8"} {
do_test func-12.1-utf8 {
execsql {
SELECT test_destructor('hello world'), test_destructor_count();
}
} {{hello world} 1}
} else {
ifcapable {utf16} {
do_test func-12.1-utf16 {
execsql {
SELECT test_destructor16('hello world'), test_destructor_count();
}
} {{hello world} 1}
}
}
do_test func-12.2 {
execsql {
SELECT test_destructor_count();
}
} {0}
do_test func-12.3 {
execsql {
SELECT test_destructor('hello')||' world'

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do_test func-12.4 {
    execsql {
        SELECT test_destructor_count();
    }
} {0}
do_test func-12.5 {
    execsql {
        CREATE TABLE t4(x);
        INSERT INTO t4 VALUES(test_destructor('hello'));
        INSERT INTO t4 VALUES(test_destructor('world'));
        SELECT min(test_destructor(x)), max(test_destructor(x)) FROM t4;
    }
} {hello world}
do_test func-12.6 {
    execsql {
        SELECT test_destructor_count();
    }
} {0}
do_test func-12.7 {
    execsql {
        DROP TABLE t4;
    }
} {}

# Test that the auxdata API for scalar functions works. This test uses
# a special user-defined function only available in test builds,
# test_auxdata(). Function test_auxdata() takes any number of arguments.
do_test func-13.1 {
    execsql {
        SELECT test_auxdata('hello world');
    }
} {0}
do_test func-13.2 {
    execsql {
        CREATE TABLE t4(a, b);
        INSERT INTO t4 VALUES('abc', 'def');
        INSERT INTO t4 VALUES('ghi', 'jkl');
    }
} {}
do_test func-13.3 {
    execsql {
        SELECT test_auxdata('hello world') FROM t4;
    }
} {0 1}
do_test func-13.4 {
execsql {
SELECT test_auxdata('hello world', 123) FROM t4;
}
} {{0 0} {1 1}}
do_test func-13.5 {
execsql {
SELECT test_auxdata('hello world', a) FROM t4;
}
} {{0 0} {1 0}}
do_test func-13.6 {
execsql {
SELECT test_auxdata('hello'||'world', a) FROM t4;
}
} {{0 0} {1 0}}
# Test that auxilary data is preserved between calls for SQL variables.
do_test func-13.7 {
set DB [sqlite3_connection_pointer db]
set sql "SELECT test_auxdata( ? , a ) FROM t4;"
set STMT [sqlite3_prepare $DB $sql -1 TAIL]
sqlite3_bind_text $STMT 1 hello\000 -1
set res [list]
while { "SQLITE_ROW"==[sqlite3_step $STMT] } {
lappend res [sqlite3_column_text $STMT 0]
}
lappend res [sqlite3_finalize $STMT]
} {{0 0} {1 0} SQLITE_OK}
# Make sure that a function with a very long name is rejected
do_test func-14.1 {
catch {
db function [string repeat X 254] {return "hello"}
}
} {0}
do_test func-14.2 {
catch {
db function [string repeat X 256] {return "hello"}
}
} {1}
do_test func-15.1 {
catchsql {select test_error(NULL)}
} {1 {}}
do_test func-15.2 {
catchsql {select test_error('this is the error message')}
} {1 {this is the error message}}
do_test func-15.3 {

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catchsql {select test_error('this is the error message',12)}
) {1 {this is the error message}}
do_test func-15.4 {
    db errorcode
) {12}

# Test the quote function for BLOB and NULL values.
do_test func-16.1 {
    execsql {
        CREATE TABLE tbl2(a, b);
    }
    set STMT [sqlite3_prepare $::DB "INSERT INTO tbl2 VALUES(?, ?)" -1 TAIL]
    sqlite3_bind_blob $::STMT 1 abc 3
    sqlite3_step $::STMT
    sqlite3_finalize $::STMT
    execsql {
        SELECT quote(a), quote(b) FROM tbl2;
    }
) {X'616263' NULL}

# Correctly handle function error messages that include %. Ticket #1354
#
do_test func-17.1 {
    proc testfunc1 args {error "Error %d with %s percents %p"}
    db function testfunc1 ::testfunc1
    catchsql {
        SELECT testfunc1(1,2,3);
    }
) {1 {Error %d with %s percents %p}}

# The SUM function should return integer results when all inputs are integer.
#
do_test func-18.1 {
    execsql {
        CREATE TABLE t5(x);
        INSERT INTO t5 VALUES(1);
        INSERT INTO t5 VALUES(-99);
        INSERT INTO t5 VALUES(10000);
        SELECT sum(x) FROM t5;
    }
) {9902}
ifcapable floatingpoint {
    do_test func-18.2 {
        execsql {
            INSERT INTO t5 VALUES(0.0);
            SELECT sum(x) FROM t5;
        }
    ) {9902.0}
# The sum of nothing is NULL. But the sum of all NULLs is NULL.

# The TOTAL of nothing is 0.0.

# do_test func-18.3 {
  execsql {
    DELETE FROM t5;
    SELECT sum(x), total(x) FROM t5;
  }
} {0.0}

do_test func-18.4 {
  execsql {
    INSERT INTO t5 VALUES(NULL);
    SELECT sum(x), total(x) FROM t5
  }
} {0.0}

do_test func-18.5 {
  execsql {
    INSERT INTO t5 VALUES(NULL);
    SELECT sum(x), total(x) FROM t5
  }
} {0.0}

do_test func-18.6 {
  execsql {
    INSERT INTO t5 VALUES(123);
    SELECT sum(x), total(x) FROM t5
  }
} {123 123.0}

# Ticket #1664, #1669, #1670, #1674: An integer overflow on SUM causes
# an error. The non-standard TOTAL() function continues to give a helpful
# result.

# do_test func-18.10 {
  execsql {
    CREATE TABLE t6(x INTEGER);
    INSERT INTO t6 VALUES(1);
    INSERT INTO t6 VALUES(1<<62);
    SELECT sum(x) - ((1<<62)+1) from t6;
  }
} 0

do_test func-18.11 {
  execsql {
    SELECT typeof(sum(x)) FROM t6
  }
} integer
ifcapable floatingpoint {
  do_test func-18.12 {
    catchsql {
      INSERT INTO t6 VALUES(1<<62);
      SELECT sum(x) - ((1<<62)*2.0+1) from t6;
    }
  } {1 {integer overflow}}
  do_test func-18.13 {
    execsql {
      SELECT total(x) - ((1<<62)*2.0+1) FROM t6
    }
  } 0.0
}

ifcapable !floatingpoint {
  do_test func-18.12 {
    catchsql {
      INSERT INTO t6 VALUES(1<<62);
      SELECT sum(x) - ((1<<62)*2+1) from t6;
    }
  } {1 {integer overflow}}
  do_test func-18.13 {
    execsql {
      SELECT total(x) - ((1<<62)*2+1) FROM t6
    }
  } 0.0
}

if {
[w=working_64bit_int]} {
  do_test func-18.14 {
    execsql {
      SELECT sum(-9223372036854775805);
    }
  } -9223372036854775805
}

ifcapable compound&&subquery {
  do_test func-18.15 {
    catchsql {
      SELECT sum(x) FROM
        (SELECT 9223372036854775807 AS x UNION ALL
         SELECT 10 AS x);
    }
  } {1 {integer overflow}}
  if {
[w=working_64bit_int]} {
    do_test func-18.16 {
      catchsql {
        SELECT sum(x) FROM
          (SELECT 9223372036854775807 AS x UNION ALL
           SELECT -10 AS x);
      }
    }
  }
}
do_test func-18.17
   catchsql {
      SELECT sum(x) FROM
         (SELECT -9223372036854775807 AS x UNION ALL
         SELECT 10 AS x);
   }
   } {0 -9223372036854775797}
}
do_test func-18.18
   catchsql {
      SELECT sum(x) FROM
         (SELECT -9223372036854775807 AS x UNION ALL
         SELECT -10 AS x);
   }
   } {1 {integer overflow}}
do_test func-18.19
   catchsql {
      SELECT sum(x) FROM (SELECT 9 AS x UNION ALL SELECT -10 AS x);
   }
   } {0 -1}
do_test func-18.20
   catchsql {
      SELECT sum(x) FROM (SELECT -9 AS x UNION ALL SELECT 10 AS x);
   }
   } {0 1}
do_test func-18.21
   catchsql {
      SELECT sum(x) FROM (SELECT -10 AS x UNION ALL SELECT 9 AS x);
   }
   } {0 -1}
do_test func-18.22
   catchsql {
      SELECT sum(x) FROM (SELECT 10 AS x UNION ALL SELECT -9 AS x);
   }
   } {0 1}

#: if capable compound & subquery

# Integer overflow on abs()
#
if {[working_64bit_int]} {
do_test func-18.31
   catchsql {
      SELECT abs(-9223372036854775807);
   }
   } {0 9223372036854775807}
do_test func-18.32 {
catchsql {
    SELECT abs(-9223372036854775807-1);
} } {1 {integer overflow}}

# The MATCH function exists but is only a stub and always throws an error.
#
do_test func-19.1 {
exeval {
    SELECT match(a,b) FROM t1 WHERE 0;
} } {} 
do_test func-19.2 {
catchsql {
    SELECT 'abc' MATCH 'xyz';
} } {1 {unable to use function MATCH in the requested context}}
do_test func-19.3 {
catchsql {
    SELECT 'abc' NOT MATCH 'xyz';
} } {1 {unable to use function MATCH in the requested context}}
do_test func-19.4 {
catchsql {
    SELECT match(1,2,3);
} } {1 {wrong number of arguments to function match()}}

# Soundex tests.
#
if {{!catch {db eval {SELECT soundex('hello')}}}} {
    foreach {name sdx} {
        euler E460
        EULER E460
        Euler E460
        ellery E460
        gauss G200
        ghosh G200
        hilbert H416
        Heilbronn H416
        knuth K530
        kant K530
        Lloyd L300
        LADD L300
        Lukasiewicz L222
do_test func-20.i {
    execsql {SELECT soundex($name)}
} $sdx
}

# Tests of the REPLACE function.
#
do_test func-21.1 {
    catchsql {
        SELECT replace(1,2);
    }
} {1 {wrong number of arguments to function replace()}}
do_test func-21.2 {
    catchsql {
        SELECT replace(1,2,3,4);
    }
} {1 {wrong number of arguments to function replace()}}
do_test func-21.3 {
    execsql {
        SELECT typeof(replace("This is the main test string", NULL, "ALT"));
    }
} {null}
do_test func-21.4 {
    execsql {
        SELECT typeof(replace(NULL, "main", "ALT"));
    }
} {null}
do_test func-21.5 {
    execsql {
        SELECT typeof(replace("This is the main test string", "main", NULL));
    }
} {null}
do_test func-21.6 {
    execsql {
        SELECT replace("This is the main test string", "main", "ALT");
    }
} {{This is the ALT test string}}
do_test func-21.7 {
    execsql {
        SELECT replace("This is the main test string", "main", "larger-main");
    }
} {{This is the larger-main test string}}
do_test func-21.8 {
execsql {
SELECT replace("aaaaaaa", "a", "0123456789");
}
} {0123456789012345678901234567890123456789012345678901234567890123456789}
ifcapable tclvar {
do_test func-21.9 {
# Attempt to exploit a buffer-overflow that at one time existed
# in the REPLACE function.
set ::str "[string repeat A 29998]CC[string repeat A 35537]"
set ::rep [string repeat B 65536]
execsql {
SELECT LENGTH(REPLACE($::str, 'C', $::rep));
}
} [expr 29998 + 2*65536 + 35537]
}
# Tests for the TRIM, LTRIM and RTRIM functions.
#
do_test func-22.1 {
catchsql {SELECT trim(1,2,3)}
} {1 {wrong number of arguments to function trim()}}
do_test func-22.2 {
catchsql {SELECT ltrim(1,2,3)}
} {1 {wrong number of arguments to function ltrim()}}
do_test func-22.3 {
catchsql {SELECT rtrim(1,2,3)}
} {1 {wrong number of arguments to function rtrim()}}
do_test func-22.4 {
execsql {SELECT trim(' hi ');}
} {hi}
do_test func-22.5 {
execsql {SELECT ltrim(' hi ');}
} {{hi }}
do_test func-22.6 {
execsql {SELECT rtrim(' hi ');}
} {{ hi}}
do_test func-22.7 {
execsql {SELECT trim(' hi ','xyz');}
} {{ hi }}
do_test func-22.8 {
execsql {SELECT ltrim(' hi ','xyz');}
} {{ hi }}
do_test func-22.9 {
execsql {SELECT rtrim(' hi ','xyz');}
} {{ hi }}
do_test func-22.10 {

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execsql {SELECT trim('xyxzy  hi  zzzy','xyz');}
} {{  hi  }}
do_test func-22.11 {
execsql {SELECT ltrim('xyxzy  hi  zzzy','xyz');}
} {{  hi  zzzy}}
do_test func-22.12 {
execsql {SELECT rtrim('xyxzy  hi  zzzy','xyz');}
} {{xyxzy  hi  }}
do_test func-22.13 {
execsql {SELECT trim(  hi  , );}
} {{  hi  }}
if {[db one {PRAGMA encoding}]=="UTF-8"} {
do_test func-22.14 {
execsql {SELECT hex(trim(x'c280e1bfbff48fbfbf6869',x'6162e1bfbc280'))}
} {F48FBFB6869}
do_test func-22.15 {
execsql {SELECT hex(trim(x'6869c280e1bfbff48fbfbf61',
    x'6162e1bfbc280f48fbfb'))}
} {6869}
do_test func-22.16 {
execsql {SELECT hex(trim(x'ceb1ceb2ceb3',x'ceb1'))};
} {CEB2CEB3}
}
do_test func-22.20 {
execsql {SELECT typeof(trim(NULL));}
} {null}
do_test func-22.21 {
execsql {SELECT typeof(trim(NULL,'xyz'));}
} {null}
do_test func-22.22 {
execsql {SELECT typeof(trim('hello',NULL));}
} {null}

# This is to test the deprecated sqlite3_aggregate_count() API.
#
if capable deprecated {
do_test func-23.1 {
    sqlite3_create_aggregate db
    execsql {
        SELECT legacy_count() FROM t6;
    }
} {3}
}

# The group_concat() function.
#
do_test func-24.1 {
execsql {
SELECT group_concat(t1) FROM tbl1
)
) {this,program,is,free,software}
do_test func-24.2 {
execsql {
  SELECT group_concat(t1,'') FROM tbl1
)
) {{this program is free software}}
do_test func-24.3 {
execsql {
  SELECT group_concat(t1,'\n rowid\n') FROM tbl1
)
) {{this 2 program 3 is 4 free 5 software}}
do_test func-24.4 {
execsql {
  SELECT group_concat(NULL,t1) FROM tbl1
)
} {{}}
do_test func-24.5 {
execsql {
  SELECT group_concat(t1,NULL) FROM tbl1
)
} {{this program is free software}}
do_test func-24.6 {
execsql {
  SELECT 'BEGIN-\n group_concat(t1) FROM tbl1
)
} {BEGIN-this,program,is,free,software}

# Ticket #3179: Make sure aggregate functions can take many arguments.
# None of the built-in aggregates do this, so use the md5sum() from the
# test extensions.
#
unset -nocomplain midargs
set midargs {}
unset -nocomplain midres
set midres {}
unset -nocomplain result
for {set i 1} {$i<sqlite3_limit db SQLITE_LIMIT_FUNCTION_ARG -1]} {incr i} {
  append midargs ,'/$i'
  append midres /$i
  set result [md5 \\
    "this${midres}program${midres}is${midres}free${midres}software${midres}" ]
  set sql "SELECT md5sum(t1$midargs) FROM tbl1"
  do_test func-24.7.$i {
    db eval $::sql
  } $result
}
# Ticket #3806. If the initial string in a `group_concat` is an empty string, the separator that follows should still be present.
#
do_test func-24.8 {
  execsql {
    SELECT group_concat(CASE t1 WHEN 'this' THEN '' ELSE t1 END) FROM tbl1
  }
} {,program,is,free,software}
do_test func-24.9 {
  execsql {
    SELECT group_concat(CASE WHEN t1!='software' THEN '' ELSE t1 END) FROM tbl1
  }
} {,,,,software}

# Ticket #3923. Initial empty strings have a separator. But initial NULLs do not.
#
do_test func-24.10 {
  execsql {
    SELECT group_concat(CASE t1 WHEN 'this' THEN null ELSE t1 END) FROM tbl1
  }
} {program,is,free,software}
do_test func-24.11 {
  execsql {
    SELECT group_concat(CASE WHEN t1!='software' THEN null ELSE t1 END) FROM tbl1
  }
} {software}
do_test func-24.12 {
  execsql {
    SELECT group_concat(CASE t1 WHEN 'this' THEN ''
      WHEN 'program' THEN null ELSE t1 END) FROM tbl1
  }
} {,,is,free,software}

# Use the `test_isolation` function to make sure that type conversions on function arguments do not effect subsequent arguments.
#
do_test func-25.1 {
  execsql {SELECT test_isolation(t1,t1) FROM tbl1}
} {this program is free software}

# Try to misuse the `sqlite3_create_function()` interface. Verify that errors are returned.
#
do_test func-26.1 {
  abuse_create_function db
# The previous test (func-26.1) registered a function with a very long
# function name that takes many arguments and always returns NULL. Verify
# that this function works correctly.
# do_test func-26.2 {
set a {}
for {set i 1} {$i<=$::SQLITE_MAX_FUNCTION_ARG} {incr i} {
    lappend a $i
}

db eval "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_{(join $a ,)};
"
}
}
do_test func-26.3 {
set a {}
for {set i 1} {$i<=$::SQLITE_MAX_FUNCTION_ARG+1} {incr i} {
    lappend a $i
}
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_{(join $a ,)};
"
}
}
do_test func-26.4 {
set a {}
for {set i 1} {$i<=$::SQLITE_MAX_FUNCTION_ARG-1} {incr i} {
    lappend a $i
}
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_12345678
9_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_1
23456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_{(join $a ,)};
"
}
}
do_test func-26.5 {
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789a(0);
"
} {1 {no such function:
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789a}}
do_test func-26.6 {
catchsql "
SELECT
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789a(0);
"
} {1 {no such function:
nullx_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789_123456789a}}
do_test func-27.1 {
catchsql {SELECT coalesce()}
} {1 {wrong number of arguments to function coalesce()}}
do_test func-27.2 {
catchsql {SELECT coalesce(1)}
} {1 {wrong number of arguments to function coalesce()}}
do_test func-27.3 {
catchsql {SELECT coalesce(1,2)}
} {0 1}

# Ticket 2d401a94287b5
# Unknown function in a DEFAULT expression causes a segfault.
#
do_test func-28.1 {
db eval {
CREATE TABLE t28(x, y DEFAULT(nosuchfunc(1)));
}
catchsql {
INSERT INTO t28(x) VALUES(1);
}
} {1 {unknown function: nosuchfunc()}}

# Verify that the length() and typeof() functions do not actually load
# the content of their argument.
#
do_test func-29.1 {
    db eval {
        CREATE TABLE t29(id INTEGER PRIMARY KEY, x, y);
        INSERT INTO t29 VALUES(1, 2, 3), (2, NULL, 4), (3, 4.5, 5);
        INSERT INTO t29 VALUES(4, randomblob(1000000), 6);
        INSERT INTO t29 VALUES(5, "hello", 7);
    }
    db close
    sqlite3 db test.db
    sqlite3_db_status db CACHE_MISS 1
    db eval {SELECT typeof(x), length(x), typeof(y) FROM t29 ORDER BY id}
} {integer 1 integer null {} integer real 3 integer blob 1000000 integer text 5 integer}
do_test func-29.2 {
    set x [lindex [sqlite3_db_status db CACHE_MISS 1] 1]
    if {$x<5} {set x 1}
    set x
} {1}
do_test func-29.3 {
    db close
    sqlite3 db test.db
    sqlite3_db_status db CACHE_MISS 1
    db eval {SELECT typeof(+x) FROM t29 ORDER BY id}
} {integer null real blob text}
if {[permutation] != "mmap"} {
    do_test func-29.4 {
        set x [lindex [sqlite3_db_status db CACHE_MISS 1] 1]
        if {$x>100} {set x many}
        set x
    } {many}
}
do_test func-29.5 {
    db close
    sqlite3 db test.db
    sqlite3_db_status db CACHE_MISS 1
    db eval {SELECT sum(length(x)) FROM t29}
} {1000009}
do_test func-29.6 {
    set x [lindex [sqlite3_db_status db CACHE_MISS 1] 1]
    if {$x<5} {set x 1}
    set x
} {1}
do_execsql_test func-30.1 {SELECT unicode('$');} 36
do_execsql_test func-30.2 [subst {SELECT unicode('\u00A2');}] 162
do_execsql_test func-30.3 [subst {SELECT unicode('\u20AC');}] 8364
do_execsql_test func-30.4 {SELECT char(36,162,8364);} [subst {$\u00A2\u20AC}]
for {set i 1} {$i<0xd800} {incr i 13} {
do_execsql_test func-30.5.$i {SELECT unicode(char($i))} $i
}
for {set i 57344} {$i<=0xfffd} {incr i 17} {
    if {$i==0xfeff} continue
    do_execsql_test func-30.5.$i {SELECT unicode(char($i))} $i
}
for {set i 65536} {$i<=0x10ffff} {incr i 139} {
    do_execsql_test func-30.5.$i {SELECT unicode(char($i))} $i
}
finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

# 2006 October 1
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
#
#  May you do good and not evil.
#  May you find forgiveness for yourself and forgive others.
#  May you share freely, never taking more than you give.
#
#*************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this script is testing the FTS1 module, and in particular
# the Porter stemmer.
#
# $Id: fts1porter.test,v 1.5 2006/10/03 19:37:37 drh Exp $
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS1 is defined, omit this file.
if capable !fts1 {
    finish_test
    return
}

# Test data for the Porter stemmer. The first word of each line
# is the input. The second word is the desired output.
#
# This test data is taken from http://www.tartarus.org/martin/PorterStemmer/
# There is no claim of copyright made on that page, but you should
# probably contact the author (Martín Porter - the inventor of the
# Porter Stemmer algorithm) if you want to use this test data in a
# commercial product of some kind. The stemmer code in FTS1 is a
# complete rewrite from scratch based on the algorithm specification
# and does not contain any code under copyright.

#
set porter_test_data {
   a         a
   aaron     aaron
   abaissiez abaissiez
   abandon   abandon
   abandoned abandon
   abase     abas
   abash     abash
   abate     abat
   abated    abat
   abatement abat
   abatements abat
   abates    abat
   abbess    abess
   abbey     abbei
   abbeys    abbei
   abominable abomin
   abbot     abbot
   abbots    abbot
   abbreviated abbrevi
   abed      ab
   abel      abel
   aberga    aberga
   abergavenny abergavenni
   abet      abet
   abetting  abet
   abhominable abhomin
   abhor     abhor
   abhorr    abhorr
   abhorred  abhor
   abhorrning abhor
   abhors    abhor
   abhorson  abhorson
   abide      abid
   abides     abid
   abilities  abil
   ability    abil
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# Create a full-text index to use for testing the stemmer.

```bash
db close
sqlite3 db :memory:
db eval {
CREATE VIRTUAL TABLE t1 USING fts1(word, tokenize Porter);
}
```

foreach {pfrom pto} $porter_test_data {
  do_test fts1porter-$pfrom {
    execsql {
      DELETE FROM t1_term;
      DELETE FROM t1_content;
      INSERT INTO t1(word) VALUES($pfrom);
      SELECT term FROM t1_term;
    }
  } $pto
}

finish_test

Found in path(s):
No license file was found, but licenses were detected in source scan.

<a href="copyright.html">public domain</a>. No claim of ownership is made

Found in path(s):
SQLite is high-quality, public domain software. The goal of members can also request their own private, proprietary extensions

Found in path(s):
No license file was found, but licenses were detected in source scan.

No license file was found, but licenses were detected in source scan.

```{string
currentfile exch readstring pop}executeonly def
```

Found in path(s):
* /
No license file was found, but licenses were detected in source scan.

```
/*
** CAPI3REF: Configuration Options
** KEYWORDS: {configuration option}
**
** These constants are the available integer configuration options that
** can be passed as the first argument to the [sqlite3_config()] interface.
**
** New configuration options may be added in future releases of SQLite.
** Existing configuration options might be discontinued. Applications
** should check the return code from [sqlite3_config()] to make sure that
** the call worked. The [sqlite3_config()] interface will return a
** non-zero [error code] if a discontinued or unsupported configuration option
** is invoked.
**
** <dl>
** [SQLITE_CONFIG_SINGLETHREAD] <dt>SQLITE_CONFIG_SINGLETHREAD</dt>
** <dd>There are no arguments to this option. ^This option sets the
** [threading mode] to Single-thread. In other words, it disables
** all mutexing and puts SQLite into a mode where it can only be used
** by a single thread. ^If SQLite is compiled with
** the [SQLITE_THREADSAFE] [SQLITE_THREADSAFE=0] compile-time option then
** it is not possible to change the [threading mode] from its default
** value of Single-thread and so [sqlite3_config()] will return
** [SQLITE_ERROR] if called with the SQLITE_CONFIG_SINGLETHREAD
** configuration option. </dd>
**
** [SQLITE_CONFIG_MULTITHREAD] <dt>SQLITE_CONFIG_MULTITHREAD</dt>
** <dd>There are no arguments to this option. ^This option sets the
** [threading mode] to Multi-thread. In other words, it disables
** mutexing on [database connection] and [prepared statement] objects.
```
The application is responsible for serializing access to database connections and prepared statements. But other mutexes are enabled so that SQLite will be safe to use in a multi-threaded environment as long as no two threads attempt to use the same database connection at the same time. ^If SQLite is compiled with the SQLite_THREADSAFE | SQLITE_THREADSAFE=0 compile-time option then it is not possible to set the Multi-thread [threading mode] and [sqlite3_config()] will return SQLITE_ERROR if called with the SQLITE_CONFIG_MULTITHREAD configuration option.</dd>

** [[SQLITE_CONFIG_SERIALIZED]] <dt>SQLITE_CONFIG_SERIALIZED</dt> ** <dd>There are no arguments to this option. ^This option sets the [threading mode] to Serialized. In other words, this option enables all mutexes including the recursive mutexes on [database connection] and [prepared statement] objects. In this mode (which is the default when SQLite is compiled with [SQLITE_THREADSAFE=1]) the SQLite library will itself serialize access to [database connections] and [prepared statements] so that the application is free to use the same [database connection] or the same [prepared statement] in different threads at the same time. ^If SQLite is compiled with the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then it is not possible to set the Serialized [threading mode] and [sqlite3_config()] will return SQLITE_ERROR if called with the SQLITE_CONFIG_SERIALIZED configuration option.</dd>

** [[SQLITE_CONFIG_MALLOC]] <dt>SQLITE_CONFIG_MALLOC</dt> ** <dd> ^(This option takes a single argument which is a pointer to an instance of the [sqlite3_mem_methods] structure. The argument specifies alternative low-level memory allocation routines to be used in place of the memory allocation routines built into SQLite.)^ ^SQLite makes its own private copy of the content of the [sqlite3_mem_methods] structure before the [sqlite3_config()] call returns.</dd>

** [[SQLITE_CONFIG_GET_MALLOC]] <dt>SQLITE_CONFIG_GET_MALLOC</dt> ** <dd> ^(This option takes a single argument which is a pointer to an instance of the [sqlite3_mem_methods] structure. The [sqlite3_mem_methods] structure is filled with the currently defined memory allocation routines.)^ This option can be used to overload the default memory allocation routines with a wrapper that simulates memory allocation failure or tracks memory usage, for example. </dd>

** [[SQLITE_CONFIG_MEMSTATUS]] <dt>SQLITE_CONFIG_MEMSTATUS</dt> ** <dd> ^This option takes single argument of type int, interpreted as a boolean, which enables or disables the collection of memory allocation statistics. ^(When memory allocation statistics are disabled, the following SQLite interfaces become non-operational: ^</dd>
**[sqlite3_memory_used()]**  
**[sqlite3_memory_highwater()]**  
**[sqlite3_soft_heap_limit64()]**  
**[sqlite3_status()]**  

Memory allocation statistics are enabled by default unless SQLite is compiled with `[SQLITE_DEFAULT_MEMSTATUS]=0` in which case memory allocation statistics are disabled by default.

**[[SQLITE_CONFIG_SCRATCH]]**  
<dt>SQLITE_CONFIG_SCRATCH</dt>

This option specifies a static memory buffer that SQLite can use for scratch memory. There are three arguments: A pointer an 8-byte aligned memory buffer from which the scratch allocations will be drawn, the size of each scratch allocation (sz), and the maximum number of scratch allocations (N). The sz argument must be a multiple of 16. The first argument must be a pointer to an 8-byte aligned buffer of at least sz*N bytes of memory.

SQLite will use no more than two scratch buffers per thread. So N should be set to twice the expected maximum number of threads.

SQLite will never require a scratch buffer that is more than 6 times the database page size. If SQLite needs needs additional scratch memory beyond what is provided by this configuration option, then [sqlite3_malloc()] will be used to obtain the memory needed.

**[[SQLITE_CONFIG_PAGECACHE]]**  
<dt>SQLITE_CONFIG_PAGECACHE</dt>

This option specifies a static memory buffer that SQLite can use for the database page cache with the default page cache implementation. This configuration should not be used if an application-define page cache implementation is loaded using the SQLITE_CONFIG_PCACHE2 option. There are three arguments to this option: A pointer to 8-byte aligned memory, the size of each page buffer (sz), and the number of pages (N). The sz argument should be the size of the largest database page (a power of two between 512 and 32768) plus a little extra for each page header. The page header size is 20 to 40 bytes depending on the host architecture. It is harmless, apart from the wasted memory, to make sz a little too large. The first argument should point to an allocation of at least sz*N bytes of memory. SQLite will use the memory provided by the first argument to satisfy its memory needs for the first N pages that it adds to cache. If additional page cache memory is needed beyond what is provided by this option, then SQLite goes to [sqlite3_malloc()] for the additional storage space. The pointer in the first argument must be aligned to an 8-byte boundary or subsequent behavior of SQLite will be undefined.

**[[SQLITE_CONFIG_HEAP]]**  
<dt>SQLITE_CONFIG_HEAP</dt>
This option specifies a static memory buffer that SQLite will use for all of its dynamic memory allocation needs beyond those provided for by [SQLITE_CONFIG_SCRATCH] and [SQLITE_CONFIG_PAGECACHE]. There are three arguments: An 8-byte aligned pointer to the memory, the number of bytes in the memory buffer, and the minimum allocation size. If the first pointer (the memory pointer) is NULL, then SQLite reverts to using its default memory allocator (the system malloc() implementation). undoing any prior invocation of [SQLITE_CONFIG_MALLOC]. If the memory pointer is not NULL and either [SQLITE_ENABLE_MEMSYS3] or [SQLITE_ENABLE_MEMSYS5] are defined, then the alternative memory allocator is engaged to handle all of SQLite's memory allocation needs. The first pointer (the memory pointer) must be aligned to an 8-byte boundary or subsequent behavior of SQLite will be undefined.

The minimum allocation size is capped at 2**12. Reasonable values for the minimum allocation size are 2**5 through 2**8.

This option takes a single argument which is a pointer to an instance of the [sqlite3_mutex_methods] structure. The argument specifies alternative low-level mutex routines to be used in place. SQLite makes a copy of the content of the [sqlite3_mutex_methods] structure before the call to [sqlite3_config()] returns. If SQLite is compiled with the [SQLITE_THREADSAFE | SQLITE_THREADSAFE=0] compile-time option then the entire mutexing subsystem is omitted from the build and hence calls to [sqlite3_config()] with the SQLITE_CONFIG_MUTEX configuration option will return [SQLITE_ERROR].

This option takes two arguments that determine the default memory allocation for the lookaside memory allocator on each [database connection]. The first argument is the size of each lookaside buffer slot and the second is the number of slots allocated to each database connection. (This option sets the <i>default</i> lookaside size. The [SQLITE_DBCONFIG_LOOKASIDE]...
** verb to [sqlite3_db_config()] can be used to change the lookaside
** configuration on individual connections.)^ </dd>
**
** [[SQLITE_CONFIG_PCACHE]] <dt>SQLITE_CONFIG_PCACHE</dt>
** <dd> ^(This option takes a single argument which is a pointer to
** an [sqlite3_pcache_methods] object. This object specifies the interface
** to a custom page cache implementation.)^ SQLite makes a copy of the
** object and uses it for page cache memory allocations.</dd>
**
** [[SQLITE_CONFIG_GETPCACHE]] <dt>SQLITE_CONFIG_GETPCACHE</dt>
** <dd> ^(This option takes a single argument which is a pointer to an
** [sqlite3_pcache_methods] object. SQLite copies of the current
** page cache implementation into that object.)^ </dd>
**
** [[SQLITE_CONFIG_LOG]] <dt>SQLITE_CONFIG_LOG</dt>
** <dd> The SQLITE_CONFIG_LOG option is used to configure the SQLite
** global [error log].
** ^(The SQLITE_CONFIG_LOG option takes two arguments: a pointer to a
** function with a call signature of void(*)(void*,int,const char*),
** and a pointer to void. ^If the function pointer is not NULL, it is
** invoked by [sqlite3_log()] to process each logging event. ^If the
** function pointer is NULL, the [sqlite3_log()] interface becomes a no-op.
** ^The void pointer that is the second argument to SQLITE_CONFIG_LOG is
** passed through as the first parameter to the application-defined logger
** function whenever that function is invoked. ^The second parameter to
** the logger function is a copy of the first parameter to the corresponding
** [sqlite3_log()] call and is intended to be a [result code] or an
** [extended result code]. ^The third parameter passed to the logger is
** log message after formatting via [sqlite3_snprintf()].
** The SQLite logging interface is not reentrant; the logger function
** supplied by the application must not invoke any SQLite interface.
** In a multi-threaded application, the application-defined logger
** function must be threadsafe. </dd>
**
** [[SQLITE_CONFIG_URI]] <dt>SQLITE_CONFIG_URI</dt>
** <dd> This option takes a single argument of type int. If non-zero, then
** URI handling is globally enabled. If the parameter is zero, then URI handling
** is globally disabled. If URI handling is globally enabled, all filenames
** passed to [sqlite3_open()], [sqlite3_open_v2()], [sqlite3_open16()] or
** specified as part of [ATTACH] commands are interpreted as URIs, regardless
** of whether or not the [SQLITE_OPEN_URI] flag is set when the database
** connection is opened. If it is globally disabled, filenames are
** only interpreted as URIs if the SQLITE_OPEN_URI flag is set when the
** database connection is opened. By default, URI handling is globally
** disabled. The default value may be changed by compiling with the
** [SQLITE_USE_URI] symbol defined.
**
** [[SQLITE_CONFIG_COVERING_INDEX_SCAN]] <dt>SQLITE_CONFIG_COVERING_INDEX_SCAN
** <dd> This option takes a single integer argument which is interpreted as
** a boolean in order to enable or disable the use of covering indices for
** full table scans in the query optimizer. The default setting is determined
** by the [SQLITE_ALLOW_COVERING_INDEX_SCAN] compile-time option, or is "on"
** if that compile-time option is omitted.
** The ability to disable the use of covering indices for full table scans
** is because some incorrectly coded legacy applications might malfunction
** malfunction when the optimization is enabled. Providing the ability to
** disable the optimization allows the older, buggy application code to work
** without change even with newer versions of SQLite.
**
** [[SQLITE_CONFIG_PCACHE]] [[SQLITE_CONFIG_GETPCACHE]]
** <dt>SQLITE_CONFIG_PCACHE and SQLITE_CONFIG_GETPCACHE
** <dd> These options are obsolete and should not be used by new code.
** They are retained for backwards compatibility but are now no-ops.
** </dd>
**
** [[SQLITE_CONFIG_SQLLOG]]
** <dt>SQLITE_CONFIG_SQLLOG
** <dd> This option is only available if sqlite is compiled with the
** [SQLITE_ENABLE_SQLLOG] pre-processor macro defined. The first argument should
** be a pointer to a function of type void(*)(void*,sqlite3*,const char*, int).
** The second should be of type (void*). The callback is invoked by the library
** in three separate circumstances, identified by the value passed as the
** fourth parameter. If the fourth parameter is 0, then the database connection
** passed as the second argument has just been opened. The third argument
** points to a buffer containing the name of the main database file. If the
** fourth parameter is 1, then the SQL statement that the third parameter
** points to has just been executed. Or, if the fourth parameter is 2, then
** the connection being passed as the second parameter is being closed. The
** third parameter is passed NULL in this case. An example of using this
** configuration option can be seen in the "test_sqllog.c" source file in
** the canonical SQLite source tree.</dd>
**
** [[SQLITE_CONFIG_MMAP_SIZE]]
** <dt>SQLITE_CONFIG_MMAP_SIZE
** <dd> SQLITE_CONFIG_MMAP_SIZE takes two 64-bit integer (sqlite3_int64) values
** that are the default mmap size limit (the default setting for
** [PRAGMA mmap_size]) and the maximum allowed mmap size limit.
** The default setting can be overridden by each database connection using
** either the [PRAGMA mmap_size] command, or by using the
** [SQLITE_FCNTL_MMAP_SIZE] file control. The maximum allowed mmap size
** cannot be changed at run-time. Nor may the maximum allowed mmap size
** exceed the compile-time maximum mmap size set by the
** [SQLITE_MAX_MMAP_SIZE] compile-time option.
** If either argument to this option is negative, then that argument is
** changed to its compile-time default.
** </dd>
/*

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1049079049_1591308668.43/0/sqlite-3.7.17-8.el7_7.1-1.src.rpm-cosi-expand-archive-d7GDY6A0/sqlite-src-3071700.zip-cosi-expand-archive-dNlVkuI7/sqlite-src-3071700/src/sqlite.h.in
No license file was found, but licenses were detected in source scan.

<a href="copyright.html">public domain</a> and is thus free for

Found in path(s):
No license file was found, but licenses were detected in source scan.

# 2006 September 14
#
# The author disclaims copyright to this source code. In place of
# a legal notice, here is a blessing:
# #  May you do good and not evil.
# #  May you find forgiveness for yourself and forgive others.
# #  May you share freely, never taking more than you give.
# #*************************************************************************
# This file implements regression tests for SQLite library. The
# focus of this script is testing the FTS3 module.
##
# $Id: fts3ac.test,v 1.1 2007/08/20 17:38:42 shess Exp $
#
set testdir [file dirname $argv0]
source $testdir/tester.tcl

# If SQLITE_ENABLE_FTS3 is defined, omit this file.
if capable !fts3 {
    finish_test
    return
}

# Create a table of sample email data. The data comes from email
# archives of Enron executives that was published as part of the
# litigation against that company.
#
do_test fts3ac-1.1 {
db eval {
    CREATE VIRTUAL TABLE email USING fts3([from],[to],subject,body);
    BEGIN TRANSACTION;
    INSERT INTO email([from],[to],subject,body) VALUES('savita.puthigai@enron.com', 'traders.eol@enron.com',

Open Source Used In Data Center Network Manager 11 11.5(4) 28360
The volume on the hedge will now respect the minimum volume and volume increment settings on the parent product. See rules below:

?If the transaction volume on the child is less than half of the parent’s minimum volume no hedge will occur.
?If the transaction volume on the child is more than half the parent’s minimum volume but less than half the volume increment on the parent, the hedge will volume will be the parent’s minimum volume.
?For all other volumes, the same rounding rules will apply based on the volume increment on the parent product.

Please see example below:

Parent’s Settings:
Minimum: 5000
Increment: 1000

Volume on Autohedge transaction Volume Hedged
1 - 24990
2500 - 54995000
5500 - 64996000

To approve this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com/
INSERT INTO email([from],[to],subject,body) VALUES('v.weldon@enron.com', 'gary.l.carrier@usa.dupont.com, scott.joyce@bankofamerica.com', 'Enron News', 'This could turn into something big.... http://biz.yahoo.com/rf/010129/n29305829.html');

INSERT INTO email([from],[to],subject,body) VALUES('mark.haedicke@enron.com', 'paul.simons@enron.com', 'Re: First Polish Deal!', 'Congrats! Things seem to be building rapidly now on the Continent. Mark');

INSERT INTO email([from],[to],subject,body) VALUES('david.delainey@enron.com', 'kenneth.lay@enron.com', 'Greater Houston Partnership', 'Ken, in response to the letter from Mr Miguel San Juan, my suggestion would be to offer up the Falcon for their use; however, given the tight time frame and your recent visit with Mr. Fox that it would be difficult for either you or me to participate.

I spoke to Max and he agrees with this approach.

I hope this meets with your approval.

Regards
Delainey');

INSERT INTO email([from],[to],subject,body) VALUES('lachandra.fenceroy@enron.com', 'lindy.donoho@enron.com', 'FW: Bus Applications Meeting Follow Up', 'Lindy,

Your cooperation is greatly appreciated.

Thanks,

lachandra.fenceroy@enron.com
713.853.3884
877.498.3401 Pager
-----Original Message-----
From: Bisbee, Joanne
Sent:Wednesday, September 26, 2001 7:50 AM
To:Fenceroy, LaChandra
Subject:FW: Bus Applications Meeting Follow Up

Lachandra, Please get with David Duff today and see what this is about. Who are our TW accounting business users?

-----Original Message-----
From: Koh, Wendy
Sent:Tuesday, September 25, 2001 2:41 PM
To:Bisbee, Joanne
Subject:Bus Applications Meeting Follow Up

Lisa brought up a TW change effective Nov 1. It involves eliminating a turnback surcharge. I have no other information, but you might check with the business folks for any system changes required.

Wendy'};

INSERT INTO email([from],[to],subject,body) VALUES('danny.mccarty@enron.com', 'fran.fagan@enron.com', 'RE: worksheets', 'Fran,
If Julie"s merit needs to be lump sum, just move it over to that column. Also, send me Eric Gadd"s sheets as well. Thanks.
Dan

-----Original Message-----
From: Fagan, Fran
Sent:Thursday, December 20, 2001 11:10 AM
To:McCarty, Danny
Subject:worksheets

As discussed, attached are your sheets for bonus and merit.

Thanks,

Fran Fagan
Sr. HR Rep
713.853.5219

<< File: McCartyMerit.xls >> << File: mccartyBonusCommercial_UnP.xls >>


'):;

INSERT INTO email([from],[to],subject,body) VALUES('bert.meyers@enron.com', 'shift.dl-portland@enron.com', 'OCTOBER SCHEDULE', 'TEAM,

PLEASE SEND ME ANY REQUESTS THAT YOU HAVE FOR OCTOBER. SO FAR I HAVE THEM FOR
LEAF. I WOULD LIKE TO HAVE IT DONE BY THE 15TH OF THE MONTH. ANY QUESTIONS PLEASE GIVE ME A CALL.

BERT);
INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com', 'john.arnold@enron.com, bilal.bajwa@enron.com, john.griffith@enron.com,', 'TRV Notification: (NG - PROPT P/L - 09/27/2001)', 'The report named: NG - PROPT P/L <http://trv.corp.enron.com/linkFromExcel.asp?report_cd=11&report_name=NG+-+PROPT+P/L&category_cd=5&category_name=FINANCIAL&toc_hide=1&sTV1=5&TV1Exp=Y&current_efct_d ate=09/27/2001>, published as of 09/27/2001 is now available for viewing on the website.);
INSERT INTO email([from],[to],subject,body) VALUES('patrice.mims@enron.com', 'calvin.eakins@enron.com', 'Re: Small business supply assistance', 'Hi Calvin
I spoke with Rickey (boy, is he long-winded!!). Gave him the name of our credit guy, Russell Diamond.

Thank for your help!');
INSERT INTO email([from],[to],subject,body) VALUES('legal <.hall@enron.com>', 'stephanie.panus@enron.com', 'Termination update', 'City of Vernon and Salt River Project terminated their contracts. I will fax these notices to you.);
INSERT INTO email([from],[to],subject,body) VALUES('d..steffes@enron.com', 'richard.shapiro@enron.com', 'EES / ENA Government Affairs Staffing & Outside Services', 'Rick --

Here is the information on staffing and outside services. Call if you need anything else.

Jim

');
INSERT INTO email([from],[to],subject,body) VALUES('gelliott@industrialinfo.com', 'pcopello@industrialinfo.com', 'ECAAR (Gavin), WSCC (Diablo Canyon), & NPCC (Seabrook)', 'Dear Power Outage Database Customer,
Attached you will find an excel document. The outages contained within are forced or rescheduled outages. Your daily delivery will still contain these outages. In addition to the two excel documents, there is a dbf file that is formatted like your daily deliveries you receive nightly. This will enable you to load the data into your regular database. Any questions please let me know. Thanks.
Greg Elliott
IIR, Inc.
713-783-5147 x 3481
outages@industrialinfo.com

THE INFORMATION CONTAINED IN THIS E-MAIL IS LEGALLY PRIVILEGED AND CONFIDENTIAL INFORMATION INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY NAMED ABOVE. YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION, OR COPY OF THIS E-MAIL TO UNAUTHORIZED ENTITIES IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS E-MAIL IN ERROR, PLEASE DELETE IT.
- OUTAGE.dbf
- 111201R.xls
- 111201.xls ');
INSERT INTO email([from],[to],subject,body) VALUES('enron.announcements@enron.com',...
You are invited to attend the EWS Brown Bag Lunch Series

Featuring:  RAY BOWEN, COO

Topic:  Enron Industrial Markets

Thursday, March 15, 2001
11:30 am - 12:30 pm
EB 5 C2

You bring your lunch.  Limited Seating
We provide drinks and dessert.  RSVP x 3-9610;

"Immer, Ingrid" <Ingrid.Immer@Williams.com> on 12/21/2000 11:48:47 AM
To:  "chris.germany@enron.com" <chris.germany@enron.com>
cc:
Subject:  About St Pauls

<<About St Pauls.url>>
?
?http://www.stpaulshouston.org/about.html

Chris,

I like the looks of this place. What do you think about going here Christmas eve?? They have an 11:00 a.m. service and a candlelight service at 5:00 p.m., among others.

Let me know.?? ii

- About St Pauls.url

'):
As discussed in the Winter Operations Meeting on Sept. 29, 2000, E-Gas (Emergency Gas) will not be offered this winter as a service from AGLC. Marketers and Poolers can receive gas via Peaking and IBSS nominations (daisy chain) from other marketers up to the 6 p.m. Same Day 2 nomination cycle.

Here is a goody for you:

Here is a goody for you:

Is it safe to assume that practice is cancelled for tonight??

Susan Pereira);

Give me a call and we will further discuss opportunities on the 13st floor.

Thanks,
JM Forney
3-7160

'FW: Curve Fetch File', 'Here is the curve fetch file sent to me. It has plenty of points in it. If you give me a list of which ones you need we may be able to construct a secondary worksheet to vlookup the values.'

adam
35227
-----Original Message-----
From: Royed, Jeff
Sent: Tuesday, September 25, 2001 11:37 AM
To: Bayer, Adam
Subject: Curve Fetch File

Let me know if it works. It may be required to have a certain version of Oracle for it to work properly.

Jeff Royed
Enron
Energy Operations
Phone: 713-853-5295

The merged reports look great. I believe the only orientation changes are to "unmerge" the following six reports:

31 Keystone Receipts
15 Questar Pipeline
40 Rockies Production
22 West_2
23 West_3
25 CIG_WIC

The orientation of the individual reports should be correct. Thanks.

Mat

PS. Just a reminder to add the "*" by the title of calculated points."

"Karkour, Randa" <Randa.Karkour@COMPAQ.com> on 09/07/2000 09:01:04 AM
To: "Agheb (E-mail)" <Agheb@aol.com>, "Leila Mankarious (E-mail)"
<Leila_Mankarious@mhhs.org>, "Marymankarious (E-mail)"
<marymankarious@aol.com>, "Michelle lokay (E-mail)" <mlokay@enron.com>, "Ramy Mankarious (E-mail)" <Mankarious@aol.com>

Subject: Egyptian Festival
<<Egyptian Festival.url>>

http://www.egyptianfestival.com/

- Egyptian Festival.url
');
INSERT INTO email([from],[to],subject,body) VALUES('errol.mclaughlin@enron.com',
'sherry.dawson@enron.com', 'Urgent!!! --- New EAST books', 'This has to be done..................................

Thanks  
---------------------- Forwarded by Errol McLaughlin/Corp/Enron on 12/20/2000
08:39 AM ---------------------------

From: William Kelly @ ECT  12/20/2000 08:31 AM

To: Kam Keiser/HOU/ECT@ECT, Darron C Giron/HOU/ECT@ECT, David Baumbach/HOU/ECT@ECT, Errol McLaughlin/Corp/Enron@ENRON
cc: Kimat Singla/HOU/ECT@ECT, Kulvinder Fowler/NA/Enron@ENRON, Kyle R Lilly/HOU/ECT@ECT, Jeff Royed/Corp/Enron@ENRON, Alejandra Chavez/NA/Enron@ENRON, Crystal Hyde/HOU/ECT@ECT

Subject: New EAST books

We have new book names in TAGG for our intramonth portfolios and it is extremely important that any deal booked to the East is communicated quickly to someone on my team. I know it will take some time for the new names to sink in and I do not want us to miss any positions or P&L.

Thanks for your help on this.

New:
Scott Neal :  East Northeast
Dick Jenkins:  East Marketeast

WK
');
INSERT INTO email([from],[to],subject,body) VALUES('david.forster@enron.com', 'eol.wide@enron.com',
'Change to Stack Manager', 'Effective immediately, there is a change to the Stack Manager which will affect any Inactive Child.

An inactive Child with links to Parent products will not have their calculated prices updated until the Child product is Activated.

When the Child Product is activated, the price will be recalculated and
updated BEFORE it is displayed on the web.

This means that if you are inputting a basis price on a Child product, you will not see the final, calculated price until you Activate the product, at which time the customer will also see it.

If you have any questions, please contact the Help Desk on:

Americas: 713 853 4357  
Europe: + 44 (0) 20 7783 7783  
Asia/Australia: +61 2 9229 2300

Dave');

"John H Herbert" <jhh1@email.msn.com> on 07/28/2000 08:38:08 AM
To: "Vince J Kaminski" <Vince_J_Kaminski@enron.com>
cc: Subject: Light reading - see pieces beginning on page 7

I saw it. Very interesting.

Vince

Cheers and have a nice weekend,

JHHerbert

- gd000728.pdf

');

')

INSERT INTO email([from],[to],subject,body) VALUES('matthew.lenhart@enron.com', 'mmarcancel@equiva.com', 'RE:', 'i will try to line up a pig for you ');

INSERT INTO email([from],[to],subject,body) VALUES('jae.black@enron.com', 'claudette.harvey@enron.com, chaun.roberts@enron.com, judy.martinez@enron.com', 'Disaster Recovery Equipment', 'As a reminder...there are several pieces of equipment that are set up on the 30th Floor, as well as on our floor, for the Disaster Recovery
Team. PLEASE DO NOT TAKE, BORROW OR USE this equipment. Should you need to use another computer system, other than yours, or make conference calls please work with your Assistant to help find or set up equipment for you to use.

Thanks for your understanding in this matter.

T.Jae Black
East Power Trading
Assistant to Kevin Presto
off. 713-853-5800
fax 713-646-8272
cell 713-539-4760'

INSERT INTO email([from],[to],subject,body) VALUES('eric.bass@enron.com', 'dale.neuner@enron.com', '5 X 24', 'Dale,

Have you heard anything more on the 5 X 24s? We would like to get this product out ASAP.

Thanks,

Eric');

INSERT INTO email([from],[to],subject,body) VALUES('messenger@smartreminders.com', 'm..tholt@enron.com', '10% Coupon - PrintPal Printer Cartridges - 100% Guaranteed', '[IMAGE][IMAGE][IMAGE][IMAGE]

Dear SmartReminders Member,

[IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE] [IMAGE]
INSERT INTO email([from],[to],subject,body) VALUES('benjamin.rogers@enron.com', 'mark.bernstein@enron.com', '', 'The guy you are talking about left CIN under a "cloud of suspicion" sort of speak. He was the one who got into several bad deals and PPA"s in California for CIN, thus he left on a bad note. Let me know if you need more detail than that, I felt this was the type of info you were looking for. Thanks! Ben');

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com', 'michelle.cash@enron.com', 'Expense Report Receipts Not Received', 'Employee Name: Michelle Cash
Report Name: Houston Cellular 8-11-01
Report Date: 12/13/01
Report ID: 594D37C9ED2111D5B452
Submitted On: 12/13/01

You are only allowed 2 reports with receipts outstanding. Your expense reports will not be paid until you meet this requirement.');

INSERT INTO email([from],[to],subject,body) VALUES('susan.mara@enron.com', 'ray.alvarez@enron.com, karen.denne@enron.com,', 'CAISO Emergency Motion -- to discontinue market-based rates for', 'FYI. the latest broadside against the generators.

Sue Mara
Enron Corp.
Tel: (415) 782-7802
Fax:(415) 782-7854
----- Forwarded by Susan J Mara/NA/Enron on 06/08/2001 12:24 PM -----

"Milner, Marcie" <MMilner@coral-energy.com> 06/08/2001 11:13 AM   To: "smara@enron.com"
<smara@enron.com> cc: Subject: CAISO Emergency Motion

Sue, did you see this emergency motion the CAISO filed today? Apparently they are requesting that FERC discontinue market-based rates immediately and grant refunds plus interest on the difference between cost-based rates and market revenues received back to May 2000. They are requesting the commission act within 14 days. Have you heard anything about what they are doing?

Marcie


Who is General Brinks?
Here are the documents that Peter has prepared for Mark Frevert.

Nailia

---------------------- Forwarded by Nailia Dindarova/LON/ECT on 25/06/2001 16:36 ---------------------------
Nailia Dindarova
25/06/2001 15:36
To: Michael Brown/Enron@EUEnronXGate
cc: Ross Sankey/Enron@EUEnronXGate, Eric Shaw/ENRON@EUEnronXGate, Peter Styles/LON/ECT@ECT
Subject: Documents for Mark Frevert (on EU developments and lessons from California)

Michael,

These are the documents that Peter promised to give to you for Mark Frevert. He has now handed them to him in person but asked me to transmit them electronically to you, as well as Eric and Ross.

Nailia

');
INSERT INTO email([from],[to],subject,body) VALUES('peggy.a.kostial@accenture.com',
'dave.samuels@enron.com', 'EOL-Accenture Deal Sheet', 'Dave -

Attached are our comments and suggested changes. Please call to review.

On the time line for completion, we have four critical steps to complete:
- Finalize market analysis to refine business case, specifically projected revenue stream
- Complete counterparty surveying, including targeting 3 CPs for letters of intent
- Review Enron asset base for potential reuse/ licensing
- Contract negotiations
Joe will come back to us with an updated time line, but it is my expectation that we are still on the same schedule (we just begun week three) with possibly a week or so slippage.....contract negotiations will probably be the critical path.

We will send our cut at the actual time line here shortly. Thanks,

Peggy

(See attached file: accenture-dealpoints v2.doc)

---

Thomas A Martin
10/11/2000 03:55 PM
To: Patrick Wade/HOU/ECT@ECT
cc:
Subject: Re: Guadalupe Power Partners LP

The deal is physically served at Oasis Waha or Oasis Katy and is priced at either HSC, Waha or Katytailgate GD at buyers option three days prior to NYMEX close.

---

agoddard@nisource.com on 03/08/2001 09:16:57 AM
To: """""Koch, Kent" <kkoch@nisource.com>, """""Millar, Debra" <dmillar@nisource.com>, """""Burke, Lynn" <lburke@nisource.com>
cc: """""Heckathorn, Tom" <theckathorn@nisource.com>
Subject: Columbia Distribution"s Capacity Available for Release - Sum


Please note that the deadline for bids is 3:00pm EST on March 20, 2001.

If you have any questions, feel free to contact any of the representatives.
listed
at the bottom of the attachment.

Aaron Goddard

- 2001Summer.doc

');
INSERT INTO email([from],[to],subject,body) VALUES('rhonda.denton@enron.com', 'tim.belden@enron.com,
dana.davis@enron.com, genia.fitzgerald@enron.com,'; 'Split Rock Energy LLC', 'We have received the executed
EEI contract from this CP dated 12/12/2000.
Copies will be distributed to Legal and Credit.');
INSERT INTO email([from],[to],subject,body) VALUES('kerrymcelroy@dwt.com', 'jack.speer@alcoa.com,
crow@millernash.com, michaelearly@earthlink.net,'; 'Oral Argument Request', ' - Oral Argument Request.doc');
INSERT INTO email([from],[to],subject,body) VALUES('mike.carson@enron.com', 'rlmichaelis@hormel.com', 'Did you come in town this wk end..... My new number at our house is :
713-668-3712...... my cell # is 281-381-7332
the kid');
INSERT INTO email([from],[to],subject,body) VALUES('cooper.richey@enron.com', 'trycooper@hotmail.com', 'FW: Contact Info', '"
-----Original Message-----
From: Punja, Karim
Sent: Thursday, December 13, 2001 2:35 PM
To: Richey, Cooper
Subject: Contact Info

Cooper,

Its been a real pleasure working with you (even though it was for only a small amount of time)
I hope we can stay in touch.

Home# 234-0249
email: kpunja@hotmail.com

Take Care,

Karim.
');
INSERT INTO email([from],[to],subject,body) VALUES('bjm30@earthlink.net', 'mcguinn.k@enron.com,
miguinn.ian@enron.com, mcguinn.stephen@enron.com,'; 'email address change', 'Hello all.

I haven"t talked to many of you via email recently but I do want to give you
my new address for your email file:
bjm30@earthlink.net

I hope all is well.

Brian McGuinn');
INSERT INTO email([from],[to],subject,body) VALUES('shelley.corman@enron.com', 'steve.hotte@enron.com', 'Flat Panels', 'Can you please advise what is going on with the flat panels that we had planned to distribute to our gas logistics team. It was in the budget and we had the okay, but now I'm hearing there is some hold-up & the units are stored on 44.

Shelley');
INSERT INTO email([from],[to],subject,body) VALUES('sara.davidson@enron.com', 'john.schwartz@enron.com, scott.dieball@enron.com, recipients@enron.com', '2001 Enron Law Conference (Distribution List 2)', '2001 Enron Law Conference
San Antonio, Texas May 2-4, 2001 Westin Riverwalk

See attached memo for more details!!

? Registration for the law conference this year will be handled through an Online RSVP Form on the Enron Law Conference Website at http://lawconference.corp.enron.com. The website is still under construction and will not be available until Thursday, March 15, 2001.

? We will send you another e-mail to confirm when the Law Conference Website is operational.

? Please complete the Online RSVP Form as soon as it is available and submit it no later than Friday, March 30th.


');
INSERT INTO email([from],[to],subject,body) VALUES('tori.kuykendall@enron.com', 'heath.b.taylor@accenture.com', 'Re:', 'hey - thats funny about john - he definitely remembers him - i'll call pat and let him know - we are coming on saturday - i just havent had a chance to call you guys back -- looking forward to it -- i probably need the directions again though');
INSERT INTO email([from],[to],subject,body) VALUES('darron.giron@enron.com', 'bryce.baxter@enron.com', 'Re: Feedback for Audrey Cook', 'Bryce,
I'll get it done today.

DG 3-9573
From: Bryce Baxter                                      06/12/2000 07:15 PM

To: Darron C Giron/HOU/ECT@ECT
cc:
Subject: Feedback for Audrey Cook

You were identified as a reviewer for Audrey Cook. If possible, could you complete her feedback by end of business Wednesday? It will really help me in the PRC process to have your input. Thanks.

');
INSERT INTO email([from],[to],subject,body) VALUES('casey.evans@enron.com', 'stephanie.sever@enron.com', 'Gas EOL ID', 'Stephanie,

In conjunction with the recent movement of several power traders, they are changing the names of their gas books as well. The names of the new gas books and traders are as follows:

PWR-NG-LT-SPP: Mike Carson
PWR-NG-LT-SERC: Jeff King

If you need to know their power desk to map their ID to their gas books, those desks are as follows:

EPMI-LT-SPP: Mike Carson
EPMI-LT-SERC: Jeff King

I will be in training this afternoon, but will be back when class is over. Let me know if you have any questions.

Thanks for your help!
Casey');
INSERT INTO email([from],[to],subject,body) VALUES('darrell.schoolcraft@enron.com', 'david.roensch@enron.com, kimberly.watson@enron.com, michelle.lokay@enron.com', 'Postings', 'Please see the attached.

ds

');
INSERT INTO email([from],[to],subject,body) VALUES('mcominsky@aol.com', 'cpatman@bracepatt.com, james_derrick@enron.com', 'Jurisprudence Luncheon', 'Carrin & Jim --
It was an honor and a pleasure to meet both of you yesterday. I know we will have fun working together on this very special event.

Jeff left the jurisprudence luncheon lists for me before he left on vacation. I wasn’t sure whether he transmitted them to you as well. Would you please advise me if you would like them sent to you? I can email the MS Excel files or I can fax the hard copies to you. Please advise what is most convenient.

I plan to be in town through the holidays and can be reached by phone, email, or cell phone at any time. My cell phone number is 713/705-4829.

Thanks again for your interest in the ADL’s work. Martin.

Martin B. Cominsky
Director, Southwest Region
Anti-Defamation League
713/627-3490, ext. 122
713/627-2011 (fax)
MCominsky@aol.com;

Pursuant to your request, attached are the Schedule to the ISDA Master Agreement, together with Paragraph 13 to the ISDA Credit Support Annex. Please let me know if you need anything else. We look forward to hearing your comments.

Marie

Marie Heard
Senior Legal Specialist
Enron North America Corp.
Phone: (713) 853-3907
Fax: (713) 646-3490
marie.heard@enron.com

');

INSERT INTO email([from],[to],subject,body) VALUES('andrea.ring@enron.com', 'beverly.beaty@enron.com', 'Re: Tennessee Buy - Louis Dreyfus', 'Beverly - once again thanks so much for your help on this. 

');

INSERT INTO email([from],[to],subject,body) VALUES('karolyn.criado@enron.com', 'j..bonin@enron.com',

')
Thank you,
Karolyn Criado
3-9441

');
INSERT INTO email([from],[to],subject,body) VALUES('kevin.presto@enron.com', 'edward.baughman@enron.com, billy.braddock@enron.com', 'Associated', 'Please begin working on filling our Associated short position in 02. I would like to take this risk off the books.

In addition, please find out what a buy-out of VEPCO would cost us. With Rogers transitioning to run our retail risk management, I would like to clean up our customer positions.

We also need to continue to explore a JEA buy-out.

Thanks.');
INSERT INTO email([from],[to],subject,body) VALUES('stacy.dickson@enron.com', 'gregg.penman@enron.com', 'RE: Constellation TC 5-7-01', 'Gregg,

I am at home with a sick baby. (Lots of fun!) I will call you about this tomorrow.

Stacy');
INSERT INTO email([from],[to],subject,body) VALUES('joe.quenet@enron.com', 'dfincher@utilicorp.com', '', 'hey big guy.....check this out....

www.gorelieberman-2000.com/');
INSERT INTO email([from],[to],subject,body) VALUES('k..allen@enron.com', 'jacqestc@aol.com', '', 'Jacques,

I sent you a fax of Kevin Kolb"s comments on the release. The payoff on the note would be $36,248 ($36090(principal) + $158 (accrued interest)). This is assuming we wrap this up on Tuesday.

Please email to confirm that their changes are ok so I can set up a meeting on Tuesday to reach closure.

Phillip');
INSERT INTO email([from],[to],subject,body) VALUES('kourtney.nelson@enron.com', 'mike.swerzbin@enron.com', 'Adjusted L/R Balance', 'Mike,

I placed the adjusted L/R Balance on the Enronwest site. It is under the "Staff/Kourtney Nelson". There are two links:

1) "Adj L_R" is the same data/format from the weekly strategy meeting.
2) "New Gen 2001_2002" link has all of the supply side info that is used to calculate the L/R balance
-Please note the Data Flag column, a value of "3" indicates the project was cancelled, on hold, etc and is not
included in the calc.

Both of these sheets are interactive Excel spreadsheets and thus you can play around with the data as you please.
Also, James Bruce is working to get his gen report on the web. That will help with your access to information on
new gen.

Please let me know if you have any questions or feedback,

Kourtney

Kourtney Nelson
Fundamental Analysis
Enron North America
(503) 464-8280
kourtney.nelson@enron.com

BEGIN rawmessage
-----Original Message-----
From: Grace, Rebecca M.
Sent: Monday, December 17, 2001 9:44 AM
To: Thomas, Paul D.
Cc: Cashion, Jim; Allen, Thresa A.; May, Tom
Subject: RE: Current Enron TCC Portfolio

Paul,

I reviewed NY"s list. I agree with all of their contracts numbers and mw amounts.

Call if you have any more questions.

Rebecca

-----Original Message-----
From: Thomas, Paul D.
Sent:Monday, December 17, 2001 9:08 AM
To:Grace, Rebecca M.
Subject:FW: Current Enron TCC Portfolio

<< File: enrontccs.xls >>
Rebecca
Let me know if you see any differences.

Paul
X 3-0403
-----Original Message-----
From: Thomas, Paul D.
Sent: Monday, December 17, 2001 9:04 AM
To: Ahmed, Naveed
Subject: FW: Current Enron TCC Portfolio

-----Original Message-----
From: Thomas, Paul D.
Sent: Thursday, December 13, 2001 10:01 AM
To: Baughman, Edward D.
Subject: Current Enron TCC Portfolio

');
INSERT INTO email([from],[to],subject,body) VALUES('stephanie.panus@enron.com','william.bradford@enron.com, debbie.brackett@enron.com,','Coastal Merchant Energy/El Paso Merchant Energy', 'Coastal Merchant Energy, L.P. merged with and into El Paso Merchant Energy, L.P., effective February 1, 2001, with the surviving entity being El Paso Merchant Energy, L.P. We currently have ISDA Master Agreements with both counterparties. Please see the attached memo regarding the existing Masters and let us know which agreement should be terminated.

Thanks,
Stephanie

');
INSERT INTO email([from],[to],subject,body) VALUES('kam.keiser@enron.com','c..kenne@enron.com','RE: What about this too???, '

-----Original Message-----
From: Kenne, Dawn C.
Sent: Wednesday, February 06, 2002 11:50 AM
To: Keiser, Kam
Subject: What about this too???

<< File: Netco Trader Matrix.xls >>

');
INSERT INTO email([from],[to],subject,body) VALUES('chris.meyer@enron.com','joe.parks@enron.com','Centana', 'Talked to Chip. We do need Cash Committee approval given the netting feature of your deal, which means Batch Funding Request. Please update per my previous e-mail and forward.
Thanks

chris
x31666);

INSERT INTO email([from],[to],subject,body) VALUES('debra.perlingiere@enron.com',
'jworman@academyofhealth.com', ", 'Have a great weekend!  Happy Fathers Day!

Debra Perlingiere
Enron North America Corp.
1400 Smith Street, EB 3885
Houston, Texas 77002
dperlin@enron.com
Phone 713-853-7658
Fax 713-646-3490);

INSERT INTO email([from],[to],subject,body) VALUES('outlook.team@enron.com', ", 'Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia &', 'CALENDAR ENTRY: APPOINTMENT

Description:
Demo by Martha Janousek of Dashboard & Pipeline Profile / Julia & Dir Rpts. - 4102

Date: 1/5/2001
Time: 9:00 AM - 10:00 AM (Central Standard Time)

Chairperson: Outlook Migration Team

Detailed Description: ');

INSERT INTO email([from],[to],subject,body) VALUES('diana.seifert@enron.com', 'mark.taylor@enron.com',
'Guest access Chile', 'Hello Mark,

Justin Boyd told me that your can help me with questions regarding Chile.
We got a request for guest access through MG.
The company is called Escondida and is a subsidiary of BHP Australia.

Please advise if I can set up a guest account or not.
F.Y.I.: MG is planning to put a "in w/h Chile" contract for Copper on-line as soon as Enron has done the due diligence for this country.
Thanks!

Best regards

Diana Seifert
EOL PCG');

INSERT INTO email([from],[to],subject,body) VALUES('enron_update@concureworkplace.com',
'mark.whitt@enron.com', '

"<Concur Expense Document>> - 121001', 'The Approval status has changed on the following report:
Status last changed by: Barry L. Tycholiz
Expense Report Name: 121001
Report Total: $198.98
Amount Due Employee: $198.98
Amount Approved: $198.98
Amount Paid: $0.00
Approval Status: Approved
Payment Status: Pending

To review this expense report, click on the following link for Concur Expense.
http://expensexms.enron.com/

Australia:
1800 678-515
support@palm-au.com

Canada:
1905 305-6530
support@palm.com

New Zealand:
0800 446-398
support@palm-nz.com

U.K.:
0171 867 0108
eurosupport@palm.3com.com

Please refer to the Worldwide Customer Support card for a complete technical support contact list.';

-----Original Message-----
From: Quigley, Dutch
Sent: Wednesday, October 31, 2001 10:14 AM
To: Storey, Geoff
Subject: RE:

bp corpAlbert LaMore281-366-4962

running the reports now

-----Original Message-----
From: Storey, Geoff
 Sent: Wednesday, October 31, 2001 10:10 AM  
To: Quigley, Dutch  
Subject: RE:  

give me a contact over there too  
BP  

-----Original Message-----  
From: Quigley, Dutch  
Sent: Wednesday, October 31, 2001 9:42 AM  
To: Storey, Geoff  
Subject:  

CoralJeff Whitnah 713-767-5374  
Reliant Steve McGinn 713-207-4000);  

INSERT INTO email([from],[to],subject,body) VALUES('pete.davis@enron.com', 'pete.davis@enron.com', 'Start Date: 4/22/01; HourAhead hour: 3;  <CODESITE>', 'Start Date: 4/22/01; HourAhead hour: 3;  No ancillary schedules awarded.  
Variance detected.  
Variance detected in Load schedule.  

LOG MESSAGES:  

PARSING FILE -->> O:\Portland\WestDesk\California Scheduling\ISO Final Schedules\2001042203.txt  

---- Load Schedule ----  
$$ Variance found in table tblLoads.  
  Details: (Hour: 3 / Preferred: 1.92 / Final: 1.89)  
  TRANS_TYPE: FINAL  
  LOAD_ID: PGE4  
  MKT_TYPE: 2  
  TRANS_DATE: 4/22/01  
  SC_ID: EPMI  

');  
INSERT INTO email([from],[to],subject,body) VALUES('john.postlethwaite@enron.com',  
'john.zufferli@enron.com', 'Reference', 'John, hope things are going well up there for you. The big day is almost here for you and Jessica. I was wondering if I could use your name as a job reference if need be. I am just trying to get everything in order just in case something happens.  

John');  
INSERT INTO email([from],[to],subject,body) VALUES('jeffrey.shankman@enron.com',  
'lschiffm@jonesday.com', 'Re:', 'I saw you called on the cell this a.m. Sorry I missed you. (I was in the shower). I have had a shitty week--I suspect my silence (not only to you, but others) after our phone call is a result of the week. I'm seeing Glen at 11:15....talk to you');
This week’s Lite Bytz presentation will feature the following TOOLZ speaker:

Richard McDougall
Solaris 8
Thursday, June 7, 2001

If you have not already signed up, please RSVP via email to litebytz@enron.com by the end of the day Tuesday, June 5, 2001.

*Remember: this is now a Brown Bag Event--so bring your lunch and we will provide cookies and drinks.

Click below for more details.

http://home.enron.com:84/messaging/litebyzttoolzprint.jpg;

```sql
EXEC SQL

INSERT INTO email([from],[to],subject,body) VALUES('litebytz@enron.com', '', 'Lite Bytz RSVP', ');

SELECT rowid FROM email WHERE email MATCH 'mark'

SELECT rowid FROM email WHERE email MATCH 'susan'

SELECT rowid FROM email WHERE email MATCH 'mark susan'

SELECT rowid FROM email WHERE email MATCH 'susan mark'

SELECT rowid FROM email WHERE email MATCH "mark susan"

COMMIT;
```


```sql
{ do_test fts3ac-1.7 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark -susan'
  }
} { 6 17 25 38 42 73 74 }
}

{ do_test fts3ac-1.8 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH '-mark susan'
  }
} {24 }
}

{ do_test fts3ac-1.9 {
  execsql {
    SELECT rowid FROM email WHERE email MATCH 'mark OR susan'
  }
} { 6 17 24 25 38 40 42 73 74 }

# Some simple tests of the automatic "offsets(email)" column. In the sample
# data set above, only one message, number 20, contains the words
# "gas" and "reminder" in both body and subject.
#
{ do_test fts3ac-2.1 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'gas reminder'
  }
} {20 {2 0 42 3 2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}

{ do_test fts3ac-2.2 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'subject:gas reminder'
  }
} {20 {2 0 42 3 2 1 54 8 3 1 54 8}}

{ do_test fts3ac-2.3 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE email MATCH 'body:gas reminder'
  }
} {20 {2 1 54 8 3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 3 0 240 3}}

{ do_test fts3ac-2.4 {
  execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE subject MATCH 'gas reminder'
  }
} {20 {2 0 42 3 2 1 54 8}}

{ do_test fts3ac-2.5 {
  execsql {
    SELECT rowid, offsets(email) FROM email
```
WHERE body MATCH 'gas reminder'
}
} {20 [3 0 42 3 3 1 54 8 3 0 129 3 3 0 143 3 0 240 3]}

# Document 32 contains 5 instances of the world "child". But only
# 3 of them are paired with "product". Make sure only those instances
# that match the phrase appear in the offsets(email) list.
#
do_test fts3ac-3.1 {
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH 'child product' AND +rowid=32
}
} {32 [3 0 94 5 3 0 114 5 3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7 3 1 493 7]}
do_test fts3ac-3.2 {
execsql {
    SELECT rowid, offsets(email) FROM email
    WHERE body MATCH "child product"
}
} {32 [3 0 207 5 3 1 213 7 3 0 245 5 3 1 251 7 3 0 409 5 3 1 415 7]}

# Snippet generator tests
#
do_test fts3ac-4.1 {
execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'subject:gas reminder'
}
} {{Alert Posted 10:00 AM November 20,2000: E-<b>GAS</b> Request <b>Reminder</b>}}
do_test fts3ac-4.2 {
execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'christmas candlelight'
}
} {{<b>...</b>here <b>Christmas</b>
eve?? They have an 11:00 a.m. service and a <b>candlelight</b> service<b>...</b>}}
do_test fts3ac-4.3 {
execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'deal sheet potential reuse'
}
} {{EOL-Accenture <b>Deal</b> <b>Sheet</b><b>...</b>asset base for <b>potential</b>/ licensing
    Contract negotiations<b>...</b>}}
do_test fts3ac-4.4 {
execsql {
    SELECT snippet(email,'<<<','>>>',' ') FROM email
    WHERE email MATCH 'deal sheet potential reuse'
}
do_test fts3ac-4.5 {
  execsql {
    SELECT snippet(email, '<', '>', '') FROM email
    WHERE email MATCH 'first things'
  }
}  
{Re: <<First>>> Polish Deal! Congrats! <<Things>>> seem to be building rapidly now } 
do_test fts3ac-4.6 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'chris is here'
  }
}  
{chris<.germany@enron.com" chris<.germany@enron.com" next to<about going here Christmas
ev<}
do_test fts3ac-4.7 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH '"pursuant to"'
  }
}  
{Erin:
Pursuant<to your request, attached are the Schedule to the ISDA Master Agreement, together<}
do_test fts3ac-4.8 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'ancillary load davis'
  }
}  
{pete.<davis@enron.com<b>...<b>3; No <b>ancillary schedules awarded in <b>Load schedule.
LOG<...<b>}

# Combinations of AND and OR operators:
#
do_test fts3ac-5.1 {
  execsql {
    SELECT snippet(email) FROM email
    WHERE email MATCH 'questar enron OR com'
  }
}  
{matt.smith@enron.com<...<b>31 Keystone Receipts
15 <b>Questar Pipeline
40 Rockies<...<b>]
}
execsql {  
SELECT snippet(email) FROM email  
WHERE email MATCH 'enron OR com questar'  
}
} {{matt.smith@<b>enron</b>.<b>com</b> ...<h>31 Keystone Receipts  
15 <b>Questar</b> Pipeline  
40 Rockies<b>... </b>}}

# Test a problem reported on the mailing list.  
#
  do_test fts3ac-6.1 {
    execsql {  
      CREATE VIRTUAL TABLE ft USING fts3(one, two);  
      INSERT INTO ft VALUES('', 'foo');  
      INSERT INTO ft VALUES('foo', 'foo');  
      SELECT offsets(ft) FROM ft WHERE ft MATCH 'foo';  
    }
} {{1 0 0 3} {0 0 0 3 1 0 0 3}}
  do_test fts3ac-6.2 {
    execsql {  
      DELETE FROM ft WHERE one = 'foo';  
      SELECT offsets(ft) FROM ft WHERE ft MATCH 'foo';  
    }
} {{1 0 0 3}}

finish_test

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* /opt/cola/permits/1136220753_1613710191.83/0/spring-beans-5-1-8-release-sources-2-jar/org/springframework/beans/factory/xml/AbstractSimpleBeanDefinitionParser.java
* /opt/cola/permits/1136220753_1613710191.83/0/spring-beans-5-1-8-release-sources-2-jar/org/springframework/beans/NotReadablePropertyException.java
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jar/org/springframework/beans/factory/groovy/GroovyDynamicElementReader.groovy
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jar/org/springframework/beans/propertyeditors/TimeZoneEditor.java
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jar/org/springframework/beans/SimpleTypeConverter.java
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* /opt/cola/permits/1136220753_1613710191.83/0/spring-beans-5-1-8-release-sources-2-jar/org/springframework/beans/factory/config/ListFactoryBean.java
* /opt/cola/permits/1136220753_1613710191.83/0/spring-beans-5-1-8-release-sources-2-jar/org/springframework/beans/factory/config/MapFactoryBean.java
* /opt/cola/permits/1136220753_1613710191.83/0/spring-beans-5-1-8-release-sources-2-jar/org/springframework/beans/BeanMetadataAttribute.java
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jar/org/springframework/beans/factory/config/DeprecatedBeanWarner.java
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jar/org/springframework/beans/factory/support/GenericTypeAwareAutowiredCandidateResolver.java
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jar/org/springframework/beans/factory/support/NullBean.java
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jar/org/springframework/beans/factory/config/ServiceLocatorFactoryBean.java
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jar/org/springframework/beans/factory/config/RuntimeBeanNameReference.java
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1.2894 jackson 2.9.9

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1.jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/stream/package-info.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/timeout/IdleStateHandler.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/stream/ChunkedFile.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/package-info.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/timeout/IdleState.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/timeout/IdleStateEvent.java
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  jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
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  jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
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  jar/io/netty/handler/ssl/SslCompletionEvent.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/AbstractSniHandler.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/Java9SslUtils.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/Sni CompletionEvent.java
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  jar/io/netty/handler/ssl/OptionalSslHandler.java
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  jar/io/netty/handler/ssl/ocsp/package-info.java
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  jar/io/netty/handler/ssl/PemX509Certificate.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/DelegatingSslContext.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/flush/FlushConsolidationHandler.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/PemValue.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ssl/PemPrivateKey.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
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  jar/io/netty/handler/flow/package-info.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
  jar/io/netty/handler/ss/util/X509TrustManagerWrapper.java
* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1.jar/io/netty/handler/traffic/package-info.java
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* /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1.jar/io/netty/handler/ssl/SslMasterKeyHandler.java
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  * /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
  * /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
  * /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
  * /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
  * /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
  * /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
  * /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
  * /opt/ws_local/PERMITS_SQL/1063377786_1592971946.17/0/netty-handler-4-1-43-final-sources-1-jar/io/netty/handler/ssl/OpenSslSession.java

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# Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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1.2908 jbossws-native-core 4.1.1.Final

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* /opt/cola/permits/1128777990_1612054951.89/0/asm-all-3-3-1-sources-4-jar/org/objectweb/asm/Handler.java
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jar/org/objectweb/asm/xml/ASMContentHandler.java
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1.2914 cxf-rt-security-saml 3.2.5-jbossorg-1

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    margin: 0.25in 0.5in 0.25in 0.5in;
    tab-interval: 0.5in;
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p {
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    margin-top: 0.5em;
    margin-bottom: 0.5em;
}
p.list {
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    margin-top: 0.05em;
    margin-bottom: 0.05em;
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/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {

    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }
}
public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;

}

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 */

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* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdinput.c
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* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jfss2int-64.asm

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*
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*/

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* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdmarker.c
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/*
* jchuff.c
*
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* Modifications:
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*
* This file contains Huffman entropy encoding routines.
*
* Much of the complexity here has to do with supporting output suspension.
* If the data destination module demands suspension, we want to be able to
* back up to the start of the current MCU. To do this, we copy state
* variables into local working storage, and update them back to the
* permanent JPEG objects only upon successful completion of an MCU.
/*

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This file contains application interface code for the decompression half
of the JPEG library. These are the "standard" API routines that are
used in the normal full-decompression case. They are not used by a
transcoding-only application. Note that if an application links in
jpeg_start_decompress, it will end up linking in the entire decompressor.
We thus must separate this file from jdapimin.c to avoid linking the
* whole decompression library into a transcoder.

*/

japfstd.c

* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.

* This file contains a fast, not so accurate integer implementation of the
* inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
* must also perform dequantization of the input coefficients.

* A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
* on each row (or vice versa, but it's more convenient to emit a row at
* a time). Direct algorithms are also available, but they are much more
* complex and seem not to be any faster when reduced to code.

* This implementation is based on Arai, Agui, and Nakajima's algorithm for
* scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in

*/

japfstd.c

* Copyright (C) 1994-1998, Thomas G. Lane.
* This file contains a fast, not so accurate integer implementation of the
* inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
* must also perform dequantization of the input coefficients.

* A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
* on each row (or vice versa, but it's more convenient to emit a row at
* a time). Direct algorithms are also available, but they are much more
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* scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in

*/

japfstd.c

* Copyright (C) 1994-1998, Thomas G. Lane.
* This file contains a fast, not so accurate integer implementation of the
* inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
* must also perform dequantization of the input coefficients.

* A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
* on each row (or vice versa, but it's more convenient to emit a row at
* a time). Direct algorithms are also available, but they are much more
* complex and seem not to be any faster when reduced to code.

* This implementation is based on Arai, Agui, and Nakajima's algorithm for
* scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
* Japanese, but the algorithm is described in the Pennebaker & Mitchell
* JPEG textbook (see REFERENCES section in file README). The following code
* is based directly on figure 4-8 in P&M.
* While an 8-point DCT cannot be done in less than 11 multiplies, it is
* possible to arrange the computation so that many of the multiplies are
* simple scalings of the final outputs. These multiplies can then be
* folded into the multiplications or divisions by the JPEG quantization
* table entries. The AA&N method leaves only 5 multiplies and 29 adds
* to be done in the DCT itself.
* The primary disadvantage of this method is that with fixed-point math,
* accuracy is lost due to imprecise representation of the scaled
* quantization values. The smaller the quantization table entry, the less
* precise the scaled value, so this implementation does worse with high-
* quality-setting files than with low-quality ones.
* /

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/*
 * jdct.h
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
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 *
 * This include file contains common declarations for the forward and
 * inverse DCT modules. These declarations are private to the DCT managers
 * (jcdctmgr.c, jddctmgr.c) and the individual DCT algorithms.
 * The individual DCT algorithms are kept in separate files to ease
 * machine-dependent tuning (e.g., assembly coding).
 */

Found in path(s):
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* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/java/org/libjpegturbo/turbojpeg/TJDecompressor.java
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/java/TJExample.java
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/java/TJUnitTest.java
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/java/TJLoader.java
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/turbojpeg-jni.c

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/*
* jidctred.c
*
* Copyright (C) 1994-1998, Thomas G. Lane.
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This file contains inverse-DCT routines that produce reduced-size output:
* either 4x4, 2x2, or 1x1 pixels from an 8x8 DCT block.

The implementation is based on the Loeffler, Ligtenberg and Moschytz (LL&M) algorithm used in jidctint.c. We simply replace each 8-to-8 1-D IDCT step with an 8-to-4 step that produces the four averages of two adjacent outputs. Any 8-to-2 step producing two averages of four outputs, for 2x2 output). These steps were derived by computing the corresponding values at the end of the normal LL&M code, then simplifying as much as possible.

1x1 is trivial: just take the DC coefficient divided by 8.

See jidctint.c for additional comments.

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* Modifications:
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This file contains upsampling routines.

Upsampling input data is counted in "row groups". A row group is defined to be (v_samp_factor * DCT_scaled_size / min_DCT_scaled_size) sample rows of each component. Upsampling will normally produce max_v_samp_factor pixel rows from each row group (but this could vary if the upsampler is applying a scale factor of its own).

An excellent reference for image resampling is

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Upsampling input data is counted in "row groups". A row group is defined to be (v_samp_factor * DCT_scaled_size / min_DCT_scaled_size) sample rows of each component. Upsampling will normally produce max_v_samp_factor pixel rows from each row group (but this could vary if the upsampler is applying a scale factor of its own).

An excellent reference for image resampling is

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/*
* jdmerge.c
*
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* Modifications:
* Copyright (C) 2009, 2011, D. R. Commander.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains code for merged upsampling/color conversion.
*
* This file combines functions from jdsample.c and jdcolor.c;
* read those files first to understand what's going on.
*
* When the chroma components are to be upsampled by simple replication
* (ie, box filtering), we can save some work in color conversion by
* calculating all the output pixels corresponding to a pair of chroma
* samples at one time.  In the conversion equations
* \[ R = Y + K1 \times Cr \]
* \[ G = Y + K2 \times Cb + K3 \times Cr \]
* \[ B = Y + K4 \times Cb \]
* only the Y term varies among the group of pixels corresponding to a pair
* of chroma samples, so the rest of the terms can be calculated just once.
* At typical sampling ratios, this eliminates half or three-quarters of the
* multiplications needed for color conversion.
*
* This file currently provides implementations for the following cases:
* YCbCr => RGB color conversion only.
* Sampling ratios of 2h1v or 2h2v.
* No scaling needed at upsample time.
* Corner-aligned (non-CCIR601) sampling alignment.
* Other special cases could be added, but in most applications these are
* the only common cases.  (For uncommon cases we fall back on the more
* general code in jdsample.c and jdcolor.c.)
*/

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/*
* jctrans.c
*
* Copyright (C) 1995-1998, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains library routines for transcoding compression,
* that is, writing raw DCT coefficient arrays to an output JPEG file.
* The routines in jcapimin.c will also be needed by a transcoder.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jctrans.c
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/*
* jcprepct.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains the compression preprocessing controller.
* This controller manages the color conversion, downsampling,
* and edge expansion steps.
* 
* Most of the complexity here is associated with buffering input rows
* as required by the downsampler. See the comments at the head of
* jcsample.c for the downsampler's needs.
*/

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* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcprepct.c
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/*
* jcapimin.c
*
* Copyright (C) 1994-1998, Thomas G. Lane.
* Modified 2003-2010 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains application interface code for the compression half
* of the JPEG library. These are the "minimum" API routines that may be
* needed in either the normal full-compression case or the transcoding-only
* case.
*
* Most of the routines intended to be called directly by an application
* are in this file or in jcapistd.c. But also see jcparam.c for
* parameter-setup helper routines, jcomapi.c for routines shared by
* compression and decompression, and jctrans.c for the transcoding case.
*/

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/*
* jdpostct.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains the decompression postprocessing controller.
* This controller manages the upsampling, color conversion, and color
* quantization/reduction steps; specifically, it controls the buffering
* between upsample/color conversion and color quantization/reduction.
* If no color quantization/reduction is required, then this module has no
* work to do, and it just hands off to the upsample/color conversion code.
* An integrated upsample/convert/quantize process would replace this module
* entirely.
*/

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/*
* jpegint.h
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file provides common declarations for the various JPEG modules.
* These declarations are considered internal to the JPEG library; most
* applications using the library shouldn't need to include this file.
*/

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 * jdmrgext.c
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 *
 * This file contains code for merged upsampling/color conversion.
 */

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 * rdtarga.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to read input images in Targa format.
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume input from
 * an ordinary stdio stream. They further assume that reading begins
 * at the start of the file; start_input may need work if the
 * user interface has already read some data (e.g., to determine that
 * the file is indeed Targa format).
 *
 * Based on code contributed by Lee Daniel Crocker.
 */

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/*
 * transupp.c
 *
 */
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* For conditions of distribution and use, see the accompanying README file.
* This file contains image transformation routines and other utility code
  used by the jpegtran sample application. These are NOT part of the core
  JPEG library. But we keep these routines separate from jpegtran.c to
  ease the task of maintaining jpegtran-like programs that have other user
  interfaces.
*/

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/*
 * jddctmgr.c
 *
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 *
 * This file contains the inverse-DCT management logic.
 * This code selects a particular IDCT implementation to be used,
 * and it performs related housekeeping chores. No code in this file
 * is executed per IDCT step, only during output pass setup.
 *
 * Note that the IDCT routines are responsible for performing coefficient
 * dequantization as well as the IDCT proper. This module sets up the
 * dequantization multiplier table needed by the IDCT routine.
 */

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/*
 * jQuery JavaScript Library v1.3.2
 * http://jquery.com/
 *
* Copyright (c) 2009 John Resig
* Dual licensed under the MIT and GPL licenses.
* http://docs.jquery.com/License
*
* Date: 2009-02-19 17:34:21 -0500 (Thu, 19 Feb 2009)
* Revision: 6246
*/
/*
* Sizzle CSS Selector Engine - v0.9.3
* Copyright 2009, The Dojo Foundation
* Released under the MIT, BSD, and GPL Licenses.
* More information: http://sizzlejs.com/
*/
/*
* jQuery UI 1.7.2
*
* Copyright (c) 2009 AUTHORS.txt (http://jqueryui.com/about)
* Dual licensed under the MIT (MIT-LICENSE.txt)
* and GPL (GPL-LICENSE.txt) licenses.
*
* http://docs.jquery.com/UI
*/
/**
* jQuery.ScrollTo - Easy element scrolling using jQuery.
* Copyright (c) 2008 Ariel Flesler - aflesler(at)gmail(dot)com
* Licensed under GPL license (http://www.opensource.org/licenses/gpl-license.php).
* Date: 2/8/2008
* @author Ariel Flesler
* @version 1.3.2
*/

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/*
* jccoefct.c
*
* Copyright (C) 1994-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains the coefficient buffer controller for compression.
* This controller is the top level of the JPEG compressor proper.
* The coefficient buffer lies between forward-DCT and entropy encoding steps.
*/
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jccoefct.c
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No license file was found, but licenses were detected in source scan.

*/

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*/

*/

*/
/* Portions of this code are based on the PBMPPLUS library, which is:
**
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**
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/*
* jdcoefct.c
*
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* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains the coefficient buffer controller for decompression.
* This controller is the top level of the JPEG decompressor proper.
* The coefficient buffer lies between entropy decoding and inverse-DCT steps.
* 
* In buffered-image mode, this controller is the interface between
* input-oriented processing and output-oriented processing.
* Also, the input side (only) is used when reading a file for transcoding.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdcoefct.c
No license file was found, but licenses were detected in source scan.

/*
* jcomapi.c
*
* Copyright (C) 1994-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains application interface routines that are used for both
* compression and decompression.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcomapi.c
No license file was found, but licenses were detected in source scan.

/*
 * djpeg.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modifications:
 * Copyright (C) 2010-2011, 2013, D. R. Commander.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a command-line user interface for the JPEG decompressor.
 * It should work on any system with Unix- or MS-DOS-style command lines.
 *
 * Two different command line styles are permitted, depending on the
 * compile-time switch TWO_FILE_COMMANDLINE:
 * djjpeg [options] inputfile outputfile
 * djjpeg [options] [inputfile]
 * In the second style, output is always to standard output, which you'd
 * normally redirect to a file or pipe to some other program. Input is
 * either from a named file or from standard input (typically redirected).
 * The second style is convenient on Unix but is unhelpful on systems that
 * don't support pipes. Also, you MUST use the first style if your system
 * doesn't do binary I/O to stdin/stdout.
 * To simplify script writing, the "-outfile" switch is provided. The syntax
 * djjpeg [options] -outfile outputfile inputfile
 * works regardless of which command line style is used.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/djpeg.c
No license file was found, but licenses were detected in source scan.

/*
 * jmorecfg.h
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modifications:
 * Copyright (C) 2009, 2011, D. R. Commander.

libjpeg-turbo is a JPEG image codec that uses SIMD instructions (MMX, SSE2, NEON) to accelerate baseline JPEG compression and decompression on x86, x86-64, and ARM systems. On such systems, libjpeg-turbo is generally 2-4x as fast as libjpeg, all else being equal. On other types of systems, libjpeg-turbo can still outperform libjpeg by a significant amount, by virtue of its highly-optimized Huffman coding routines. In many cases, the performance of libjpeg-turbo rivals that of proprietary high-speed JPEG codecs.

libjpeg-turbo implements both the traditional libjpeg API as well as the less powerful but more straightforward TurboJPEG API. libjpeg-turbo also features colorspace extensions that allow it to compress from/decompress to 32-bit and big-endian pixel buffers (RGBX, XBGR, etc.), as well as a full-featured Java interface.

libjpeg-turbo was originally based on libjpeg/SIMD, an MMX-accelerated derivative of libjpeg v6b developed by Miyasaka Masaru. The TigerVNC and VirtualGL projects made numerous enhancements to the codec in 2009, and in early 2010, libjpeg-turbo spun off into an independent project, with the goal of making high-speed JPEG compression/decompression technology available to a broader range of users and developers.

For conditions of distribution and use, see the accompanying README file.
* This file contains the main buffer controller for compression.
* The main buffer lies between the pre-processor and the JPEG
* compressor proper; it holds downsampled data in the JPEG colorspace.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcmainct.c
No license file was found, but licenses were detected in source scan.

/*
* jcarith.c
*
* Developed 1997-2009 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains portable arithmetic entropy encoding routines for JPEG
* Both sequential and progressive modes are supported in this single module.
* Suspension is not currently supported in this module.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcarith.c
No license file was found, but licenses were detected in source scan.

/*
* rdppm.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2009 by Bill Allombert, Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains routines to read input images in PPM/PGM format.
* The extended 2-byte-per-sample raw PPM/PGM formats are supported.
* The PBMPPLUS library is NOT required to compile this software
* (but it is highly useful as a set of PPM image manipulation programs).
* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume input from
* an ordinary stdio stream. They further assume that reading begins
* at the start of the file; start_input may need work if the
/* user interface has already read some data (e.g., to determine that
* the file is indeed PPM format).
*/

/* Portions of this code are based on the PBPLUS library, which is:
**
** Copyright (C) 1988 by Jef Poskanzer.
**
** Permission to use, copy, modify, and distribute this software and its
** documentation for any purpose and without fee is hereby granted, provided
** that the above copyright notice appear in all copies and that both that
** copyright notice and this permission notice appear in supporting
** documentation. This software is provided "as is" without express or
** implied warranty.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/rdppm.c

No license file was found, but licenses were detected in source scan.

(/
* jcphuff.c
*
* Copyright (C) 1995-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains Huffman entropy encoding routines for progressive JPEG.
* We do not support output suspension in this module, since the library
* currently does not allow multiple-scan files to be written with output
* suspension.
*
/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcphuff.c

No license file was found, but licenses were detected in source scan.

/
* jmemsys.h
*
* Copyright (C) 1992-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This include file defines the interface between the system-independent
* and system-dependent portions of the JPEG memory manager. No other
* modules need include it. (The system-independent portion is jmemmgr.c;
* there are several different versions of the system-dependent portion.)
*
* This file works as-is for the system-dependent memory managers supplied
* in the IJG distribution. You may need to modify it if you write a
* custom memory manager. If system-dependent changes are needed in
* this file, the best method is to #ifdef them based on a configuration
* symbol supplied in jconfig.h, as we have done with USE_MSDOS_MEMMGR
* and USE_MAC_MEMMGR.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jmemsys.h
No license file was found, but licenses were detected in source scan.

/*
 * jidctint.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modification developed 2002-2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a slow-but-accurate integer implementation of the
 * inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
 * must also perform dequantization of the input coefficients.
 *
 * A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
 * on each row (or vice versa, but it's more convenient to emit a row at
 * a time). Direct algorithms are also available, but they are much more
 * complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on an algorithm described in
 * C. Loeffler, A. Ligtenberg and G. Moschytz, "Practical Fast 1-D DCT
 * Algorithms with 11 Multiplications", Proc. Int'l. Conf. on Acoustics,
 * The primary algorithm described there uses 11 multiplies and 29 adds.
 * We use their alternate method with 12 multiplies and 32 adds.
 * The advantage of this method is that no data path contains more than one
 * multiplication; this allows a very simple and accurate implementation in
 * scaled fixed-point arithmetic, with a minimal number of shifts.
 *
 * We also provide IDCT routines with various output sample block sizes for
 * direct resolution reduction or enlargement without additional resampling:
 * NxN (N=1...16) pixels for one 8x8 input DCT block.
 *
 * For N<8 we simply take the corresponding low-frequency coefficients of
* the 8x8 input DCT block and apply an NxN point IDCT on the sub-block
* to yield the downscaled outputs.
* This can be seen as direct low-pass downsampling from the DCT domain
* point of view rather than the usual spatial domain point of view,
* yielding significant computational savings and results at least
* as good as common bilinear (averaging) spatial downsampling.
*
* For N>8 we apply a partial NxN IDCT on the 8 input coefficients as
* lower frequencies and higher frequencies assumed to be zero.
* It turns out that the computational effort is similar to the 8x8 IDCT
* regarding the output size.
* Furthermore, the scaling and descaling is the same for all IDCT sizes.
*
* CAUTION: We rely on the FIX() macro except for the N=1,2,4,8 cases
* since there would be too many additional constants to pre-calculate.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jidctint.c
No license file was found, but licenses were detected in source scan.

/*
 * jmennobs.c
 *
 * Copyright (C) 1992-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file provides a really simple implementation of the system-
 * dependent portion of the JPEG memory manager. This implementation
 * assumes that no backing-store files are needed: all required space
 * can be obtained from malloc().
 * This is very portable in the sense that it'll compile on almost anything,
 * but you'd better have lots of main memory (or virtual memory) if you want
 * to process big images.
 * Note that the max_memory_to_use option is ignored by this implementation.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jmennobs.c
No license file was found, but licenses were detected in source scan.

/*
 * cjpeg.c
 *
 * This file was part of the Independent JPEG Group's software:
* Copyright (C) 1991-1998, Thomas G. Lane.
* Copyright (C) 2010, 2013, D. R. Commander.
* For conditions of distribution and use, see the accompanying README file.

* This file contains a command-line user interface for the JPEG compressor.
* It should work on any system with Unix- or MS-DOS-style command lines.

* Two different command line styles are permitted, depending on the
  * compile-time switch TWO_FILE_COMMANDLINE:
  * cjpeg [options] inputfile outputfile
  * cjpeg [options] [inputfile]
* In the second style, output is always to standard output, which you'd
  * normally redirect to a file or pipe to some other program. Input is
  * either from a named file or from standard input (typically redirected).
  * The second style is convenient on Unix but is unhelpful on systems that
  * don't support pipes. Also, you MUST use the first style if your system
  * doesn't do binary I/O to stdin/stdout.
  * To simplify script writing, the "-outfile" switch is provided. The syntax
  * cjpeg [options] -outfile outputfile inputfile
  * works regardless of which command line style is used.
* /

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/cjpeg.c
No license file was found, but licenses were detected in source scan.

purpose, subject to the conditions under LEGAL ISSUES, below.
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Permission is hereby granted to use, copy, modify, and distribute this
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reasons for developing this free software was to help force convergence on

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/README
No license file was found, but licenses were detected in source scan.

/*
 * jsimd.h
 *
 * Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
 * Copyright 2011 D. R. Commander
 *
 * Based on the x86 SIMD extension for IJG JPEG library,
* Copyright (C) 1999-2006, MIYASAKA Masaru.
* For conditions of distribution and use, see copyright notice in jsimdext.inc
*
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jsimd.h
No license file was found, but licenses were detected in source scan.

/*
* jdatasrc.c
*
* This file was part of the Independent JPEG Group's software:
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modifications:
* Copyright (C) 2013, D. R. Commander.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains decompression data source routines for the case of
* reading JPEG data from memory or from a file (or any stdio stream).
* While these routines are sufficient for most applications,
* some will want to use a different source manager.
* IMPORTANT: we assume that fread() will correctly transcribe an array of
* JOCTETs from 8-bit-wide elements on external storage. If char is wider
* than 8 bits on your machine, you may need to do some tweaking.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdatasrc.c
No license file was found, but licenses were detected in source scan.

/*
* jfdctint.c
*
* Copyright (C) 1991-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains a slow-but-accurate integer implementation of the
* forward DCT (Discrete Cosine Transform).
*
* A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
* on each column. Direct algorithms are also available, but they are
* much more complex and seem not to be any faster when reduced to code.
*
* This implementation is based on an algorithm described in
* C. Loeffler, A. Ligtenberg and G. Moschytz, "Practical Fast 1-D DCT
* Algorithms with 11 Multiplications", Proc. Int'l. Conf. on Acoustics,
* The primary algorithm described there uses 11 multiplies and 29 adds.
* We use their alternate method with 12 multiplies and 32 adds.
* The advantage of this method is that no data path contains more than one
* multiplication; this allows a very simple and accurate implementation in
* scaled fixed-point arithmetic, with a minimal number of shifts.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jfdctint.c
No license file was found, but licenses were detected in source scan.

/**
 * jutils.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains tables and miscellaneous utility routines needed
 * for both compression and decompression.
 * Note we prefix all global names with "j" to minimize conflicts with
 * a surrounding application.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jutils.c
No license file was found, but licenses were detected in source scan.

/**
 * jdhuff.h
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modifications:
 * Copyright (C) 2010-2011, D. R. Commander.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains declarations for Huffman entropy decoding routines
 * that are shared between the sequential decoder (jdhuff.c) and the
 * progressive decoder (jdphuff.c). No other modules need to see these.
 */
/*
 * jdcolor.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modified 2011 by Guido Vollbeding.
 * Modifications:
 * Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
 * Copyright (C) 2009, 2011-2012, D. R. Commander.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains output colorspace conversion routines.
 */

IJG JPEG LIBRARY: SYSTEM ARCHITECTURE

Copyright (C) 1991-2012, Thomas G. Lane, Guido Vollbeding.
This file was part of the Independent JPEG Group's software.
It was modified by The libjpeg-turbo Project to include only information
relevant to libjpeg-turbo.
For conditions of distribution and use, see the accompanying README file.

This file provides an overview of the architecture of the IJG JPEG software;
that is, the functions of the various modules in the system and the interfaces
between modules. For more precise details about any data structure or calling
convention, see the include files and comments in the source code.

We assume that the reader is already somewhat familiar with the JPEG standard.
The README file includes references for learning about JPEG. The file
libjpeg.txt describes the library from the viewpoint of an application
programmer using the library; it's best to read that file before this one.
Also, the file coderules.txt describes the coding style conventions we use.

In this document, JPEG-specific terminology follows the JPEG standard:
A "component" means a color channel, e.g., Red or Luminance.
A "sample" is a single component value (i.e., one number in the image data).
A "coefficient" is a frequency coefficient (a DCT transform output number).
A "block" is an 8x8 group of samples or coefficients. An "MCU" (minimum coded unit) is an interleaved set of blocks of size determined by the sampling factors, or a single block in a noninterleaved scan.

We do not use the terms "pixel" and "sample" interchangeably. When we say pixel, we mean an element of the full-size image, while a sample is an element of the downsampled image. Thus the number of samples may vary across components while the number of pixels does not. (This terminology is not used rigorously throughout the code, but it is used in places where confusion would otherwise result.)

*** System features ***

The IJG distribution contains two parts:
* A subroutine library for JPEG compression and decompression.
* cjpeg/djpeg, two sample applications that use the library to transform JFIF JPEG files to and from several other image formats.

cjpeg/djpeg are of no great intellectual complexity: they merely add a simple command-line user interface and I/O routines for several uncompressed image formats. This document concentrates on the library itself.

We desire the library to be capable of supporting all JPEG baseline, extended sequential, and progressive DCT processes. Hierarchical processes are not supported.

The library does not support the lossless (spatial) JPEG process. Lossless JPEG shares little or no code with lossy JPEG, and would normally be used without the extensive pre- and post-processing provided by this library. We feel that lossless JPEG is better handled by a separate library.

Within these limits, any set of compression parameters allowed by the JPEG spec should be readable for decompression. (We can be more restrictive about what formats we can generate.) Although the system design allows for all parameter values, some uncommon settings are not yet implemented and may never be; nonintegral sampling ratios are the prime example. Furthermore, we treat 8-bit vs. 12-bit data precision as a compile-time switch, not a run-time option, because most machines can store 8-bit pixels much more compactly than 12-bit.

By itself, the library handles only interchange JPEG datastreams --- in particular the widely used JFIF file format. The library can be used by surrounding code to process interchange or abbreviated JPEG datastreams that are embedded in more complex file formats. (For example, libtiff uses this library to implement JPEG compression within the TIFF file format.)

The library includes a substantial amount of code that is not covered by the JPEG standard but is necessary for typical applications of JPEG. These
functions preprocess the image before JPEG compression or postprocess it after decompression. They include colorspace conversion, downsampling/upsampling, and color quantization. This code can be omitted if not needed.

A wide range of quality vs. speed tradeoffs are possible in JPEG processing, and even more so in decompression postprocessing. The decompression library provides multiple implementations that cover most of the useful tradeoffs, ranging from very-high-quality down to fast-preview operation. On the compression side we have generally not provided low-quality choices, since compression is normally less time-critical. It should be understood that the low-quality modes may not meet the JPEG standard's accuracy requirements; nonetheless, they are useful for viewers.

*** Portability issues ***

Portability is an essential requirement for the library. The key portability issues that show up at the level of system architecture are:

1. Memory usage. We want the code to be able to run on PC-class machines with limited memory. Images should therefore be processed sequentially (in strips), to avoid holding the whole image in memory at once. Where a full-image buffer is necessary, we should be able to use either virtual memory or temporary files.

2. Near/far pointer distinction. To run efficiently on 80x86 machines, the code should distinguish "small" objects (kept in near data space) from "large" ones (kept in far data space). This is an annoying restriction, but fortunately it does not impact code quality for less brain-damaged machines, and the source code clutter turns out to be minimal with sufficient use of pointer typedefs.

3. Data precision. We assume that "char" is at least 8 bits, "short" and "int" at least 16, "long" at least 32. The code will work fine with larger data sizes, although memory may be used inefficiently in some cases. However, the JPEG compressed datastream must ultimately appear on external storage as a sequence of 8-bit bytes if it is to conform to the standard. This may pose a problem on machines where char is wider than 8 bits. The library represents compressed data as an array of values of typedef JOCTET. If no data type exactly 8 bits wide is available, custom data source and data destination modules must be written to unpack and pack the chosen JOCTET datatype into 8-bit external representation.

*** System overview ***

The compressor and decompressor are each divided into two main sections: the JPEG compressor or decompressor proper, and the preprocessing or
postprocessing functions. The interface between these two sections is the image data that the official JPEG spec regards as its input or output: this data is in the colorspace to be used for compression, and it is downsampled to the sampling factors to be used. The preprocessing and postprocessing steps are responsible for converting a normal image representation to or from this form. (Those few applications that want to deal with YCbCr downsampled data can skip the preprocessing or postprocessing step.)

Looking more closely, the compressor library contains the following main elements:

**Preprocessing:**
- Color space conversion (e.g., RGB to YCbCr).
- Edge expansion and downsampling. Optionally, this step can do simple smoothing --- this is often helpful for low-quality source data.

**JPEG proper:**
- MCU assembly, DCT, quantization.
- Entropy coding (sequential or progressive, Huffman or arithmetic).

In addition to these modules we need overall control, marker generation, and support code (memory management & error handling). There is also a module responsible for physically writing the output data --- typically this is just an interface to fwrite(), but some applications may need to do something else with the data.

The decompressor library contains the following main elements:

**JPEG proper:**
- Entropy decoding (sequential or progressive, Huffman or arithmetic).
- Dequantization, inverse DCT, MCU disassembly.

**Postprocessing:**
- Upsampling. Optionally, this step may be able to do more general rescaling of the image.
- Color space conversion (e.g., YCbCr to RGB). This step may also provide gamma adjustment [ currently it does not ].
- Optional color quantization (e.g., reduction to 256 colors).
- Optional color precision reduction (e.g., 24-bit to 15-bit color).
  [This feature is not currently implemented.]

We also need overall control, marker parsing, and a data source module. The support code (memory management & error handling) can be shared with the compression half of the library.

There may be several implementations of each of these elements, particularly in the decompressor, where a wide range of speed/quality tradeoffs is very useful. It must be understood that some of the best speedups involve merging adjacent steps in the pipeline. For example, upsampling, color space conversion, and color quantization might all be done at once when using a
low-quality ordered-dither technique. The system architecture is designed to allow such merging where appropriate.

Note: it is convenient to regard edge expansion (padding to block boundaries) as a preprocessing/postprocessing function, even though the JPEG spec includes it in compression/decompression. We do this because downsampling/upsampling can be simplified a little if they work on padded data: it's not necessary to have special cases at the right and bottom edges. Therefore the interface buffer is always an integral number of blocks wide and high, and we expect compression preprocessing to pad the source data properly. Padding will occur only to the next block (8-sample) boundary. In an interleaved-scan situation, additional dummy blocks may be used to fill out MCUs, but the MCU assembly and disassembly logic will create or discard these blocks internally. (This is advantageous for speed reasons, since we avoid DCTing the dummy blocks. It also permits a small reduction in file size, because the compressor can choose dummy block contents so as to minimize their size in compressed form. Finally, it makes the interface buffer specification independent of whether the file is actually interleaved or not.) Applications that wish to deal directly with the downsampled data must provide similar buffering and padding for odd-sized images.

*** Poor man's object-oriented programming ***

It should be clear by now that we have a lot of quasi-independent processing steps, many of which have several possible behaviors. To avoid cluttering the code with lots of switch statements, we use a simple form of object-style programming to separate out the different possibilities.

For example, two different color quantization algorithms could be implemented as two separate modules that present the same external interface; at runtime, the calling code will access the proper module indirectly through an "object".

We can get the limited features we need while staying within portable C. The basic tool is a function pointer. An "object" is just a struct containing one or more function pointer fields, each of which corresponds to a method name in real object-oriented languages. During initialization we fill in the function pointers with references to whichever module we have determined we need to use in this run. Then invocation of the module is done by indirecting through a function pointer; on most machines this is no more expensive than a switch statement, which would be the only other way of making the required run-time choice. The really significant benefit, of course, is keeping the source code clean and well structured.

We can also arrange to have private storage that varies between different implementations of the same kind of object. We do this by making all the module-specific object structs be separately allocated entities, which will
be accessed via pointers in the master compression or decompression struct. The "public" fields or methods for a given kind of object are specified by a commonly known struct. But a module's initialization code can allocate a larger struct that contains the common struct as its first member, plus additional private fields. With appropriate pointer casting, the module's internal functions can access these private fields. (For a simple example, see jdatastd.c, which implements the external interface specified by struct jpeg_destination_mgr, but adds extra fields.)

(Of course this would all be a lot easier if we were using C++, but we are not yet prepared to assume that everyone has a C++ compiler.)

An important benefit of this scheme is that it is easy to provide multiple versions of any method, each tuned to a particular case. While a lot of precalculation might be done to select an optimal implementation of a method, the cost per invocation is constant. For example, the upsampling step might have a "generic" method, plus one or more "hardwired" methods for the most popular sampling factors; the hardwired methods would be faster because they'd use straight-line code instead of for-loops. The cost to determine which method to use is paid only once, at startup, and the selection criteria are hidden from the callers of the method.

This plan differs a little bit from usual object-oriented structures, in that only one instance of each object class will exist during execution. The reason for having the class structure is that on different runs we may create different instances (choose to execute different modules). You can think of the term "method" as denoting the common interface presented by a particular set of interchangeable functions, and "object" as denoting a group of related methods, or the total shared interface behavior of a group of modules.

*** Overall control structure ***

We previously mentioned the need for overall control logic in the compression and decompression libraries. In IJG implementations prior to v5, overall control was mostly provided by "pipeline control" modules, which proved to be large, unwieldy, and hard to understand. To improve the situation, the control logic has been subdivided into multiple modules. The control modules consist of:

1. Master control for module selection and initialization. This has two responsibilities:

   1A. Startup initialization at the beginning of image processing.

       The individual processing modules to be used in this run are selected and given initialization calls.

   1B. Per-pass control. This determines how many passes will be performed
and calls each active processing module to configure itself appropriately at the beginning of each pass. End-of-pass processing, where necessary, is also invoked from the master control module.

Method selection is partially distributed, in that a particular processing module may contain several possible implementations of a particular method, which it will select among when given its initialization call. The master control code need only be concerned with decisions that affect more than one module.

2. Data buffering control. A separate control module exists for each inter-processing-step data buffer. This module is responsible for invoking the processing steps that write or read that data buffer.

Each buffer controller sees the world as follows:

\[
\text{input data} \Rightarrow \text{processing step A} \Rightarrow \text{buffer} \Rightarrow \text{processing step B} \Rightarrow \text{output data}
\]

|              |               |
|------------------ controller ------------------

The controller knows the dataflow requirements of steps A and B: how much data they want to accept in one chunk and how much they output in one chunk. Its function is to manage its buffer and call A and B at the proper times.

A data buffer control module may itself be viewed as a processing step by a higher-level control module; thus the control modules form a binary tree with elementary processing steps at the leaves of the tree.

The control modules are objects. A considerable amount of flexibility can be had by replacing implementations of a control module. For example:

* Merging of adjacent steps in the pipeline is done by replacing a control module and its pair of processing-step modules with a single processing-step module. (Hence the possible merges are determined by the tree of control modules.)

* In some processing modes, a given interstep buffer need only be a "strip" buffer large enough to accommodate the desired data chunk sizes. In other modes, a full-image buffer is needed and several passes are required. The control module determines which kind of buffer is used and manipulates virtual array buffers as needed. One or both processing steps may be unaware of the multi-pass behavior.

In theory, we might be able to make all of the data buffer controllers interchangeable and provide just one set of implementations for all. In practice, each one contains considerable special-case processing for its particular job. The buffer controller concept should be regarded as an overall system structuring principle, not as a complete description of the task performed by any one controller.
*** Compression object structure ***

Here is a sketch of the logical structure of the JPEG compression library:

```
    |-- Colorspace conversion
    |   |-- Preprocessing controller --|
    |   |                               |-- Downsampling
Main controller --|
    |                   |-- Forward DCT, quantize
    |   |-- Coefficient controller --|
    |   |                           |-- Entropy encoding
```

This sketch also describes the flow of control (subroutine calls) during typical image data processing. Each of the components shown in the diagram is an "object" which may have several different implementations available. One or more source code files contain the actual implementation(s) of each object.

The objects shown above are:

* **Main controller**: buffer controller for the subsampled-data buffer, which holds the preprocessed input data. This controller invokes preprocessing to fill the subsampled-data buffer, and JPEG compression to empty it. There is usually no need for a full-image buffer here; a strip buffer is adequate.

* **Preprocessing controller**: buffer controller for the downsampling input data buffer, which lies between colorspace conversion and downsampling. Note that a unified conversion/downsampling module would probably replace this controller entirely.

* **Colorspace conversion**: converts application image data into the desired JPEG color space; also changes the data from pixel-interleaved layout to separate component planes. Processes one pixel row at a time.

* **Downsampling**: performs reduction of chroma components as required. Optionally may perform pixel-level smoothing as well. Processes a "row group" at a time, where a row group is defined as Vmax pixel rows of each component before downsampling, and Vk sample rows afterwards (remember Vk differs across components). Some downsampling or smoothing algorithms may require context rows above and below the current row group; the preprocessing controller is responsible for supplying these rows via proper buffering. The downsampler is responsible for edge expansion at the right edge (i.e., extending each sample row to a multiple of 8 samples); but the preprocessing controller is responsible for vertical edge expansion (i.e., duplicating the bottom sample row as needed to make a multiple of 8 rows).

* **Coefficient controller**: buffer controller for the DCT-coefficient data. This controller handles MCU assembly, including insertion of dummy DCT
blocks when needed at the right or bottom edge. When performing
Huffman-code optimization or emitting a multiscan JPEG file, this
controller is responsible for buffering the full image. The equivalent of
one fully interleaved MCU row of subsampled data is processed per call,
even when the JPEG file is noninterleaved.

* Forward DCT and quantization: Perform DCT, quantize, and emit coefficients.
  Works on one or more DCT blocks at a time. (Note: the coefficients are now
  emitted in normal array order, which the entropy encoder is expected to
  convert to zigzag order as necessary. Prior versions of the IJG code did
  the conversion to zigzag order within the quantization step.)

* Entropy encoding: Perform Huffman or arithmetic entropy coding and emit the
coded data to the data destination module. Works on one MCU per call.
For progressive JPEG, the same DCT blocks are fed to the entropy coder
during each pass, and the coder must emit the appropriate subset of
coefficients.

In addition to the above objects, the compression library includes these
objects:

* Master control: determines the number of passes required, controls overall
  and per-pass initialization of the other modules.

* Marker writing: generates JPEG markers (except for RSTn, which is emitted
  by the entropy encoder when needed).

* Data destination manager: writes the output JPEG datastream to its final
  destination (e.g., a file). The destination manager supplied with the
  library knows how to write to a stdio stream or to a memory buffer;
  for other behaviors, the surrounding application may provide its own
  destination manager.

* Memory manager: allocates and releases memory, controls virtual arrays
  (with backing store management, where required).

* Error handler: performs formatting and output of error and trace messages;
  determines handling of nonfatal errors. The surrounding application may
  override some or all of this object's methods to change error handling.

* Progress monitor: supports output of "percent-done" progress reports.
  This object represents an optional callback to the surrounding application:
  if wanted, it must be supplied by the application.

The error handler, destination manager, and progress monitor objects are
defined as separate objects in order to simplify application-specific
customization of the JPEG library. A surrounding application may override
individual methods or supply its own all-new implementation of one of these
objects. The object interfaces for these objects are therefore treated as part of the application interface of the library, whereas the other objects are internal to the library.

The error handler and memory manager are shared by JPEG compression and decompression; the progress monitor, if used, may be shared as well.

*** Decompression object structure ***

Here is a sketch of the logical structure of the JPEG decompression library:

```
|-- Entropy decoding
  |-- Coefficient controller --|
   |-- Dequantize, Inverse DCT
Main controller --|
  |-- Upsampling
  |-- Postprocessing controller --|  |-- Colorspace conversion
   |-- Color quantization
   |-- Color precision reduction
```

As before, this diagram also represents typical control flow. The objects shown are:

* Main controller: buffer controller for the subsampled-data buffer, which holds the output of JPEG decompression proper. This controller's primary task is to feed the postprocessing procedure. Some upsampling algorithms may require context rows above and below the current row group; when this is true, the main controller is responsible for managing its buffer so as to make context rows available. In the current design, the main buffer is always a strip buffer; a full-image buffer is never required.

* Coefficient controller: buffer controller for the DCT-coefficient data. This controller handles MCU disassembly, including deletion of any dummy DCT blocks at the right or bottom edge. When reading a multiscan JPEG file, this controller is responsible for buffering the full image. (Buffering DCT coefficients, rather than samples, is necessary to support progressive JPEG.) The equivalent of one fully interleaved MCU row of subsampled data is processed per call, even when the source JPEG file is noninterleaved.

* Entropy decoding: Read coded data from the data source module and perform Huffman or arithmetic entropy decoding. Works on one MCU per call. For progressive JPEG decoding, the coefficient controller supplies the prior coefficients of each MCU (initially all zeroes), which the entropy decoder modifies in each scan.

* Dequantization and inverse DCT: like it says. Note that the coefficients
buffered by the coefficient controller have NOT been dequantized; we merge dequantization and inverse DCT into a single step for speed reasons. When scaled-down output is asked for, simplified DCT algorithms may be used that emit fewer samples per DCT block, not the full 8x8. Works on one DCT block at a time.

* Postprocessing controller: buffer controller for the color quantization input buffer, when quantization is in use. (Without quantization, this controller just calls the upsampler.) For two-pass quantization, this controller is responsible for buffering the full-image data.

* Upsampling: restores chroma components to full size. (May support more general output rescaling, too. Note that if undersized DCT outputs have been emitted by the DCT module, this module must adjust so that properly sized outputs are created.) Works on one row group at a time. This module also calls the color conversion module, so its top level is effectively a buffer controller for the upsampling->color conversion buffer. However, in all but the highest-quality operating modes, upsampling and color conversion are likely to be merged into a single step.

* Colorspace conversion: convert from JPEG color space to output color space, and change data layout from separate component planes to pixel-interleaved. Works on one pixel row at a time.

* Color quantization: reduce the data to colormapped form, using either an externally specified colormap or an internally generated one. This module is not used for full-color output. Works on one pixel row at a time; may require two passes to generate a color map. Note that the output will always be a single component representing colormap indexes. In the current design, the output values are JSAMPLEs, so an 8-bit compilation cannot quantize to more than 256 colors. This is unlikely to be a problem in practice.

* Color reduction: this module handles color precision reduction, e.g., generating 15-bit color (5 bits/primary) from JPEG's 24-bit output. Not quite clear yet how this should be handled... should we merge it with colorspace conversion???

Note that some high-speed operating modes might condense the entire postprocessing sequence to a single module (upsample, color convert, and quantize in one step).

In addition to the above objects, the decompression library includes these objects:

* Master control: determines the number of passes required, controls overall and per-pass initialization of the other modules. This is subdivided into input and output control: jdinput.c controls only input-side processing,
while jdmaster.c handles overall initialization and output-side control.

* Marker reading: decodes JPEG markers (except for RSTn).

* Data source manager: supplies the input JPEG datastream. The source manager supplied with the library knows how to read from a stdio stream or from a memory buffer; for other behaviors, the surrounding application may provide its own source manager.

* Memory manager: same as for compression library.

* Error handler: same as for compression library.

* Progress monitor: same as for compression library.

As with compression, the data source manager, error handler, and progress monitor are candidates for replacement by a surrounding application.

*** Decompression input and output separation ***

To support efficient incremental display of progressive JPEG files, the decompressor is divided into two sections that can run independently:

1. Data input includes marker parsing, entropy decoding, and input into the coefficient controller's DCT coefficient buffer. Note that this processing is relatively cheap and fast.

2. Data output reads from the DCT coefficient buffer and performs the IDCT and all postprocessing steps.

For a progressive JPEG file, the data input processing is allowed to get arbitrarily far ahead of the data output processing. (This occurs only if the application calls jpeg_consume_input(); otherwise input and output run in lockstep, since the input section is called only when the output section needs more data.) In this way the application can avoid making extra display passes when data is arriving faster than the display pass can run. Furthermore, it is possible to abort an output pass without losing anything, since the coefficient buffer is read-only as far as the output section is concerned. See libjpeg.txt for more detail.

A full-image coefficient array is only created if the JPEG file has multiple scans (or if the application specifies buffered-image mode anyway). When reading a single-scan file, the coefficient controller normally creates only a one-MCU buffer, so input and output processing must run in lockstep in this case. jpeg_consume_input() is effectively a no-op in this situation.

The main impact of dividing the decompressor in this fashion is that we must
be very careful with shared variables in the cinfo data structure. Each variable that can change during the course of decompression must be classified as belonging to data input or data output, and each section must look only at its own variables. For example, the data output section may not depend on any of the variables that describe the current scan in the JPEG file, because these may change as the data input section advances into a new scan.

The progress monitor is (somewhat arbitrarily) defined to treat input of the file as one pass when buffered-image mode is not used, and to ignore data input work completely when buffered-image mode is used. Note that the library has no reliable way to predict the number of passes when dealing with a progressive JPEG file, nor can it predict the number of output passes in buffered-image mode. So the work estimate is inherently bogus anyway.

No comparable division is currently made in the compression library, because there isn't any real need for it.

*** Data formats ***

Arrays of pixel sample values use the following data structure:

```c
typedef something JSAMPLE;  // a pixel component value, 0..MAXJSAMPLE
typedef JSAMPLE *JSAMPROW; // ptr to a row of samples
typedef JSAMPROW *JSAMPARRAY; // ptr to a list of rows
typedef JSAMPARRAY *JSAMPIMAGE; // ptr to a list of color-component arrays
```

The basic element type JSAMPLE will typically be one of unsigned char, (signed) char, or short. Short will be used if samples wider than 8 bits are to be supported (this is a compile-time option). Otherwise, unsigned char is used if possible. If the compiler only supports signed chars, then it is necessary to mask off the value when reading. Thus, all reads of JSAMPLE values must be coded as "GETJSAMPLE(value)", where the macro will be defined as "((value) & 0xFF)" on signed-char machines and "((int) (value))" elsewhere.

With these conventions, JSAMPLE values can be assumed to be >= 0. This helps simplify correct rounding during downsampling, etc. The JPEG standard's specification that sample values run from -128..127 is accommodated by subtracting 128 from the sample value in the DCT step. Similarly, during decompression the output of the IDCT step will be immediately shifted back to 0..255. (NB: different values are required when 12-bit samples are in use. The code is written in terms of MAXJSAMPLE and CENTERJSAMPLE, which will be defined as 255 and 128 respectively in an 8-bit implementation, and as 4095 and 2048 in a 12-bit implementation.)

We use a pointer per row, rather than a two-dimensional JSAMPLE array. This choice costs only a small amount of memory and has several benefits:
* Code using the data structure doesn't need to know the allocated width of
  the rows. This simplifies edge expansion/compression, since we can work
  in an array that's wider than the logical picture width.
* Indexing doesn't require multiplication; this is a performance win on many
  machines.
* Arrays with more than 64K total elements can be supported even on machines
  where malloc() cannot allocate chunks larger than 64K.
* The rows forming a component array may be allocated at different times
  without extra copying. This trick allows some speedups in smoothing steps
  that need access to the previous and next rows.

Note that each color component is stored in a separate array; we don't use
the traditional layout in which the components of a pixel are stored together.
This simplifies coding of modules that work on each component independently,
because they don't need to know how many components there are. Furthermore,
we can read or write each component to a temporary file independently, which
is helpful when dealing with noninterleaved JPEG files.

In general, a specific sample value is accessed by code such as
GETJSAMPLE(image[colorcomponent][row][col])
where col is measured from the image left edge, but row is measured from
the first sample row currently in memory. Either of the first two indexings can
be precomputed by copying the relevant pointer.

Since most image-processing applications prefer to work on images in which
the components of a pixel are stored together, the data passed to or from the
surrounding application uses the traditional convention: a single pixel is
represented by N consecutive JSAMPLE values, and an image row is an array of
(# of color components)*(image width) JSAMPLEs. One or more rows of data can
be represented by a pointer of type JSAMPARRAY in this scheme. This scheme is
converted to component-wise storage inside the JPEG library. (Applications
that want to skip JPEG preprocessing or postprocessing will have to contend
with component-wise storage.)

Arrays of DCT-coefficient values use the following data structure:

typedef short JCOEF; a 16-bit signed integer
typedef JCOEF JBLOCK[DCTSIZE2]; an 8x8 block of coefficients
typedef JBLOCK *JBLOCKROW; ptr to one horizontal row of 8x8 blocks
typedef JBLOCKROW *JBLOCKARRAY; ptr to a list of such rows
typedef JBLOCKARRAY *JBLOCKIMAGE; ptr to a list of color component arrays

The underlying type is at least a 16-bit signed integer; while "short" is big
enough on all machines of interest, on some machines it is preferable to use
"int" for speed reasons, despite the storage cost. Coefficients are grouped
into 8x8 blocks (but we always use #defines DCTSIZE and DCTSIZE2 rather than
"8" and "64".

The contents of a coefficient block may be in either "natural" or zigzagged order, and may be true values or divided by the quantization coefficients, depending on where the block is in the processing pipeline. In the current library, coefficient blocks are kept in natural order everywhere; the entropy codecs zigzag or dezigzag the data as it is written or read. The blocks contain quantized coefficients everywhere outside the DCT/IDCT subsystems. (This latter decision may need to be revisited to support variable quantization a la JPEG Part 3.)

Notice that the allocation unit is now a row of 8x8 blocks, corresponding to eight rows of samples. Otherwise the structure is much the same as for samples, and for the same reasons.

On machines where malloc() can't handle a request bigger than 64Kb, this data structure limits us to rows of less than 512 JBLOCKs, or a picture width of 4000+ pixels. This seems an acceptable restriction.

On 80x86 machines, the bottom-level pointer types (JSAMPROW and JBLOCKROW) must be declared as "far" pointers, but the upper levels can be "near" (implying that the pointer lists are allocated in the DS segment).

We use a #define symbol FAR, which expands to the "far" keyword when compiling on 80x86 machines and to nothing elsewhere.

*** Suspendable processing ***

In some applications it is desirable to use the JPEG library as an incremental, memory-to-memory filter. In this situation the data source or destination may be a limited-size buffer, and we can't rely on being able to empty or refill the buffer at arbitrary times. Instead the application would like to have control return from the library at buffer overflow/underrun, and then resume compression or decompression at a later time.

This scenario is supported for simple cases. (For anything more complex, we recommend that the application "bite the bullet" and develop real multitasking capability.) The libjpeg.txt file goes into more detail about the usage and limitations of this capability; here we address the implications for library structure.

The essence of the problem is that the entropy codec (coder or decoder) must be prepared to stop at arbitrary times. In turn, the controllers that call the entropy codec must be able to stop before having produced or consumed all the data that they normally would handle in one call. That part is reasonably straightforward: we make the controller call interfaces include "progress counters" which indicate the number of data chunks successfully processed, and
we require callers to test the counter rather than just assume all of the data was processed.

Rather than trying to restart at an arbitrary point, the current Huffman codecs are designed to restart at the beginning of the current MCU after a suspension due to buffer overflow/underrun. At the start of each call, the codec's internal state is loaded from permanent storage (in the JPEG object structures) into local variables. On successful completion of the MCU, the permanent state is updated. (This copying is not very expensive, and may even lead to *improved* performance if the local variables can be registerized.) If a suspension occurs, the codec simply returns without updating the state, thus effectively reverting to the start of the MCU. Note that this implies leaving some data unprocessed in the source/destination buffer (ie, the compressed partial MCU). The data source/destination module interfaces are specified so as to make this possible. This also implies that the data buffer must be large enough to hold a worst-case compressed MCU; a couple thousand bytes should be enough.

In a successive-approximation AC refinement scan, the progressive Huffman decoder has to be able to undo assignments of newly nonzero coefficients if it suspends before the MCU is complete, since decoding requires distinguishing previously-zero and previously-nonzero coefficients. This is a bit tedious but probably won't have much effect on performance. Other variants of Huffman decoding need not worry about this, since they will just store the same values again if forced to repeat the MCU.

This approach would probably not work for an arithmetic codec, since its modifiable state is quite large and couldn't be copied cheaply. Instead it would have to suspend and resume exactly at the point of the buffer end.

The JPEG marker reader is designed to cope with suspension at an arbitrary point. It does so by backing up to the start of the marker parameter segment, so the data buffer must be big enough to hold the largest marker of interest. Again, a couple KB should be adequate. (A special "skip" convention is used to bypass COM and APPn markers, so these can be larger than the buffer size without causing problems; otherwise a 64K buffer would be needed in the worst case.)

The JPEG marker writer currently does *not* cope with suspension. We feel that this is not necessary; it is much easier simply to require the application to ensure there is enough buffer space before starting. (An empty 2K buffer is more than sufficient for the header markers; and ensuring there are a dozen or two bytes available before calling jpeg_finish_compress() will suffice for the trailer.) This would not work for writing multi-scan JPEG files, but we simply do not intend to support that capability with suspension.
*** Memory manager services ***

The JPEG library's memory manager controls allocation and deallocation of memory, and it manages large "virtual" data arrays on machines where the operating system does not provide virtual memory. Note that the same memory manager serves both compression and decompression operations.

In all cases, allocated objects are tied to a particular compression or decompression master record, and they will be released when that master record is destroyed.

The memory manager does not provide explicit deallocation of objects. Instead, objects are created in "pools" of free storage, and a whole pool can be freed at once. This approach helps prevent storage-leak bugs, and it speeds up operations whenever malloc/free are slow (as they often are). The pools can be regarded as lifetime identifiers for objects. Two pools/lifetimes are defined:

* JPOOL_PERMANENT lasts until master record is destroyed  
* JPOOL_IMAGE lasts until done with image (JPEG datastream)

Permanent lifetime is used for parameters and tables that should be carried across from one datastream to another; this includes all application-visible parameters. Image lifetime is used for everything else. (A third lifetime, JPOOL_PASS = one processing pass, was originally planned. However it was dropped as not being worthwhile. The actual usage patterns are such that the peak memory usage would be about the same anyway; and having per-pass storage substantially complicates the virtual memory allocation rules --- see below.)

The memory manager deals with three kinds of objects:

1. "Small" objects. Typically these require no more than 10K-20K total.
2. "Large" objects. These may require tens to hundreds of K depending on image size. Semantically they behave the same as small objects, but we distinguish them for two reasons:
   * On MS-DOS machines, large objects are referenced by FAR pointers, small objects by NEAR pointers.
   * Pool allocation heuristics may differ for large and small objects.
   Note that individual "large" objects cannot exceed the size allowed by type size_t, which may be 64K or less on some machines.
3. "Virtual" objects. These are large 2-D arrays of JSAMPLEs or JBLOCKs (typically large enough for the entire image being processed). The memory manager provides stripwise access to these arrays. On machines without virtual memory, the rest of the array may be swapped out to a temporary file.

(Note: JSAMPARRAY and JBLOCKARRAY data structures are a combination of large objects for the data proper and small objects for the row pointers. For convenience and speed, the memory manager provides single routines to create these structures. Similarly, virtual arrays include a small control block and a JSAMPARRAY or JBLOCKARRAY working buffer, all created with one call.)
In the present implementation, virtual arrays are only permitted to have image lifespan. (Permanent lifespan would not be reasonable, and pass lifespan is not very useful since a virtual array's raison d'être is to store data for multiple passes through the image.) We also expect that only "small" objects will be given permanent lifespan, though this restriction is not required by the memory manager.

In a non-virtual-memory machine, some performance benefit can be gained by making the in-memory buffers for virtual arrays be as large as possible. (For small images, the buffers might fit entirely in memory, so blind swapping would be very wasteful.) The memory manager will adjust the height of the buffers to fit within a prespecified maximum memory usage. In order to do this in a reasonably optimal fashion, the manager needs to allocate all of the virtual arrays at once. Therefore, there isn't a one-step allocation routine for virtual arrays; instead, there is a "request" routine that simply allocates the control block, and a "realize" routine (called just once) that determines space allocation and creates all of the actual buffers. The realize routine must allow for space occupied by non-virtual large objects. (We don't bother to factor in the space needed for small objects, on the grounds that it isn't worth the trouble.)

To support all this, we establish the following protocol for doing business with the memory manager:
1. Modules must request virtual arrays (which may have only image lifespan) during the initial setup phase, i.e., in their jinit_XXX routines.
2. All "large" objects (including JSAMPARRAYs and JBLOCKARRAYs) must also be allocated during initial setup.
3. realize_virt_arrays will be called at the completion of initial setup.
   The above conventions ensure that sufficient information is available for it to choose a good size for virtual array buffers.
   Small objects of any lifespan may be allocated at any time. We expect that the total space used for small objects will be small enough to be negligible in the realize_virt_arrays computation.

In a virtual-memory machine, we simply pretend that the available space is infinite, thus causing realize_virt_arrays to decide that it can allocate all the virtual arrays as full-size in-memory buffers. The overhead of the virtual-array access protocol is very small when no swapping occurs.

A virtual array can be specified to be "pre-zeroed"; when this flag is set, never-yet-written sections of the array are set to zero before being made available to the caller. If this flag is not set, never-written sections of the array contain garbage. (This feature exists primarily because the equivalent logic would otherwise be needed in jdcxct.c for progressive JPEG mode; we may as well make it available for possible other uses.)

The first write pass on a virtual array is required to occur in top-to-bottom
order; read passes, as well as any write passes after the first one, may access the array in any order. This restriction exists partly to simplify the virtual array control logic, and partly because some file systems may not support seeking beyond the current end-of-file in a temporary file. The main implication of this restriction is that rearrangement of rows (such as converting top-to-bottom data order to bottom-to-top) must be handled while reading data out of the virtual array, not while putting it in.

*** Memory manager internal structure ***

To isolate system dependencies as much as possible, we have broken the memory manager into two parts. There is a reasonably system-independent "front end" (jmemmgr.c) and a "back end" that contains only the code likely to change across systems. All of the memory management methods outlined above are implemented by the front end. The back end provides the following routines for use by the front end (none of these routines are known to the rest of the JPEG code):

* jpeg_mem_init, jpeg_mem_term: system-dependent initialization/shutdown
* jpeg_get_small, jpeg_free_small: interface to malloc and free library routines (or their equivalents)
* jpeg_get_large, jpeg_free_large: interface to FAR malloc/free in MSDOS machines; else usually the same as jpeg_get_small/jpeg_free_small
* jpeg_mem_available: estimate available memory
* jpeg_open_backing_store: create a backing-store object
* read_backing_store, manipulate a backing-store object
* write_backing_store,
* close_backing_store

On some systems there will be more than one type of backing-store object (specifically, in MS-DOS a backing store file might be an area of extended memory as well as a disk file). jpeg_open_backing_store is responsible for choosing how to implement a given object. The read/write/close routines are method pointers in the structure that describes a given object; this lets them be different for different object types.

It may be necessary to ensure that backing store objects are explicitly released upon abnormal program termination. For example, MS-DOS won't free extended memory by itself. To support this, we will expect the main program or surrounding application to arrange to call self_destruct (typically via jpeg_destroy) upon abnormal termination. This may require a SIGINT signal
handler or equivalent. We don't want to have the back end module install its own signal handler, because that would pre-empt the surrounding application's ability to control signal handling.

The IJG distribution includes several memory manager back end implementations. Usually the same back end should be suitable for all applications on a given system, but it is possible for an application to supply its own back end at need.

*** Implications of DNL marker ***

Some JPEG files may use a DNL marker to postpone definition of the image height (this would be useful for a fax-like scanner's output, for instance). In these files the SOF marker claims the image height is 0, and you only find out the true image height at the end of the first scan.

We could read these files as follows:
1. Upon seeing zero image height, replace it by 65535 (the maximum allowed).
2. When the DNL is found, update the image height in the global image descriptor.
This implies that control modules must avoid making copies of the image height, and must re-test for termination after each MCU row. This would be easy enough to do.

In cases where image-size data structures are allocated, this approach will result in very inefficient use of virtual memory or much-larger-than-necessary temporary files. This seems acceptable for something that probably won't be a mainstream usage. People might have to forgo use of memory-hogging options (such as two-pass color quantization or noninterleaved JPEG files) if they want efficient conversion of such files. (One could improve efficiency by demanding a user-supplied upper bound for the height, less than 65536; in most cases it could be much less.)

The standard also permits the SOF marker to overestimate the image height, with a DNL to give the true, smaller height at the end of the first scan. This would solve the space problems if the overestimate wasn't too great.

However, it implies that you don't even know whether DNL will be used.

This leads to a couple of very serious objections:
1. Testing for a DNL marker must occur in the inner loop of the decompressor's Huffman decoder; this implies a speed penalty whether the feature is used or not.
2. There is no way to hide the last-minute change in image height from an application using the decoder. Thus *every* application using the IJG library would suffer a complexity penalty whether it cared about DNL or not.

We currently do not support DNL because of these problems.
A different approach is to insist that DNL-using files be preprocessed by a separate program that reads ahead to the DNL, then goes back and fixes the SOF marker. This is a much simpler solution and is probably far more efficient. Even if one wants piped input, buffering the first scan of the JPEG file needs a lot smaller temp file than is implied by the maximum-height method. For this approach we'd simply treat DNL as a no-op in the decompressor (at most, check that it matches the SOF image height).

We will not worry about making the compressor capable of outputting DNL. Something similar to the first scheme above could be applied if anyone ever wants to make that work.

No license file was found, but licenses were detected in source scan.

/*
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modifications:
 * Copyright (C) 2009-2011, D. R. Commander.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains optional default-setting code for the JPEG compressor.
 * Applications do not have to use this file, but those that don't use it
 * must know a lot more about the innards of the JPEG code.
 */

No license file was found, but licenses were detected in source scan.

/*
 * jquant1.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modifications:
 * Copyright (C) 2009, D. R. Commander
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains 1-pass color quantization (color mapping) routines.
 */
* These routines provide mapping to a fixed color map using equally spaced color values. Optional Floyd-Steinberg or ordered dithering is available.
*/

Found in path(s):
*/opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jquant1.c
No license file was found, but licenses were detected in source scan.

/*
 * wrjpgcom.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a very simple stand-alone application that inserts
 * user-supplied text as a COM (comment) marker in a JFIF file.
 * This may be useful as an example of the minimum logic needed to parse
 * JPEG markers.
 */

Found in path(s):
*/opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/wrjpgcom.c
No license file was found, but licenses were detected in source scan.

/*
 * jcinit.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains initialization logic for the JPEG compressor.
 * This routine is in charge of selecting the modules to be executed and
 * making an initialization call to each one.
 *
 * Logically, this code belongs in jcmaster.c. It's split out because
 * linking this routine implies linking the entire compression library.
 * For a transcoding-only application, we want to be able to use jcmaster.c
 * without linking in the whole library.
 */

Found in path(s):
*/opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcinit.c
No license file was found, but licenses were detected in source scan.

/*
 * cdjpeg.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains common support routines used by the IJG application
 * programs (cjpeg, djpeg, jpegtran).
 */

Found in path(s):
   /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/cdjpeg.c

No license file was found, but licenses were detected in source scan.

/*
 * jfdctflt.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a floating-point implementation of the
 * forward DCT (Discrete Cosine Transform).
 *
 * This implementation should be more accurate than either of the integer
 * DCT implementations. However, it may not give the same results on all
 * machines because of differences in roundoff behavior. Speed will depend
 * on the hardware's floating point capacity.
 *
 * A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
 * on each column. Direct algorithms are also available, but they are
 * much more complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on Arai, Agui, and Nakajima's algorithm for
 * scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
 * Japanese, but the algorithm is described in the Pennebaker & Mitchell
 * JPEG textbook (see REFERENCES section in file README). The following code
 * is based directly on figure 4-8 in P&M.
 * While an 8-point DCT cannot be done in less than 11 multiplies, it is
 * possible to arrange the computation so that many of the multiplies are
 * simple scalings of the final outputs. These multiplies can then be
 * folded into the multiplications or divisions by the JPEG quantization
 * table entries. The AA&N method leaves only 5 multiplies and 29 adds
 * to be done in the DCT itself.
The primary disadvantage of this method is that with a fixed-point implementation, accuracy is lost due to imprecise representation of the scaled quantization values. However, that problem does not arise if we use floating point arithmetic.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jfdctflt.c
No license file was found, but licenses were detected in source scan.

/*
* jdmaster.c
*
* This file was part of the Independent JPEG Group's software:
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2002-2009 by Guido Vollbeding.
* Modifications:
* Copyright (C) 2009-2011, D. R. Commander.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains master control logic for the JPEG decompressor.
* These routines are concerned with selecting the modules to be executed
* and with determining the number of passes and the work to be done in each
* pass.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdmaster.c
No license file was found, but licenses were detected in source scan.

/*
* jquant2.c
*
* This file was part of the Independent JPEG Group's software:
* Copyright (C) 1991-1996, Thomas G. Lane.
* Modifications:
* Copyright (C) 2009, D. R. Commander.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains 2-pass color quantization (color mapping) routines.
* These routines provide selection of a custom color map for an image,
* followed by mapping of the image to that color map, with optional
* Floyd-Steinberg dithering.
* It is also possible to use just the second pass to map to an arbitrary
* externally-given color map.
*
* Note: ordered dithering is not supported, since there isn't any fast
* way to compute intercolor distances; it's unclear that ordered dither's
* fundamental assumptions even hold with an irregularly spaced color map.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jquant2.c
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/release/License.rtf

No license file was found, but licenses were detected in source scan.

; ; jsimdext.inc - common declarations
; ; Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
; ; Copyright 2010 D. R. Commander
; ; Based on
; ; x86 SIMD extension for IJG JPEG library - version 1.02
; ; Copyright (C) 1999-2006, MIYASAKA Masaru.
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; ; warranty. In no event will the authors be held liable for any damages
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; ; Permission is granted to anyone to use this software for any purpose,
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; ; freely, subject to the following restrictions:
; ; 1. The origin of this software must not be misrepresented; you must not
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in a product, an acknowledgment in the product documentation would be
appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be
misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

\[\text{System-dependent configurations}\]

%ifdef WIN32; ----(nasm -fwin32 -DWIN32 ...)---------
* Microsoft Visual C++
* MinGW (Minimalist GNU for Windows)
* CygWin
* LCC-Win32

\[\text{System-dependent configurations}\]

%ifdef __YASM_VER__
%define SEG_TEXT .text align=16
%define SEG_CONST .rdata align=16
%else
%define SEG_TEXT .text align=16 public use32 class=CODE
%define SEG_CONST .rdata align=16 public use32 class=CONST
%endif

%elseifdef WIN64; ----(nasm -fwin64 -DWIN64 ...)---------
* Microsoft Visual C++

%ifdef __YASM_VER__
%define SEG_TEXT .text align=16
%define SEG_CONST .rdata align=16
%else
%define SEG_TEXT .text align=16 public use64 class=CODE
%define SEG_CONST .rdata align=16 public use64 class=CONST
%endif
%define EXTN(name) name			; foo() -> foo

%elseifdef OBJ32; ----(nasm -fobj -DOBJ32 ...)---------
* Borland C++ (Win32)

\[\text{System-dependent configurations}\]

%define SEG_TEXT .text align=16 public use32 class=CODE
%define SEG_CONST .data align=16 public use32 class=DATA
%ifdef ELF; ----(nasm -felf[64] -DELF ...)---------
 ; * Linux
 ; * *BSD family Unix using elf format
 ; * Unix System V, including Solaris x86, UnixWare and SCO Unix

 ; mark stack as non-executable
 section .note.GNU-stack noalloc noexec nowrite progbits

 ; -- segment definition --
 ;
 %ifdef __x86_64__
 %define SEG_TEXT .text progbits align=16
 %define SEG_CONST .rodata progbits align=16
 %else
 %define SEG_TEXT .text progbits alloc exec nowrite align=16
 %define SEG_CONST .rodata progbits alloc noexec nowrite align=16
 %endif

 ; To make the code position-independent, append -DPIC to the commandline
 ;
 %define GOT_SYMBOL _GLOBAL_OFFSET_TABLE_; ELF supports PIC
 %define EXTN(name) name			; foo() -> foo

%elifdef AOUT; ----(nasm -faout/aout -DAOUT ...)----
 ; * Older Linux using a.out format (nasm -f aout -DAOUT ...)
 ; * *BSD family Unix using a.out format (nasm -f aoutb -DAOUT ...)

 ; -- segment definition --
 ;
 %define SEG_TEXT .text
 %define SEG_CONST .data

 ; To make the code position-independent, append -DPIC to the commandline
 ;
 %define GOT_SYMBOL __GLOBAL_OFFSET_TABLE__; BSD-style a.out supports PIC

%elifdef MACHO; ----(nasm -fmacho -DMACHO ...)--------
 ; * NeXTstep/OpenStep/Rhapsody/Darwin/MacOS X (Mach-O format)

 ; -- segment definition --
 ;
 %define SEG_TEXT .text ;align=16; nasm doesn't accept align=16. why?
 %define SEG_CONST .rodata align=16

 ; The generation of position-independent code (PIC) is the default on Darwin.
 ;
 %define PIC
%define GOT_SYMBOL _MACHO_PIC_: Mach-O style code-relative addressing

%else; ----(Other case)----------------------

; -- segment definition --
;
%define SEG_TEXT .text
%define SEG_CONST .data

%endif; ----------------------------------------------

;=====================================================================
;---------------------------------------------------------------------
; Common types

;ifdef __x86_64__
%define POINTER                 qword           ; general pointer type
%define SIZEOF_POINTER          SIZEOF_QWORD    ; sizeof(POINTER)
%define POINTER_BIT             QWORD_BIT       ; sizeof(POINTER)*BYTE_BIT
%else
%define POINTER                 dword           ; general pointer type
%define SIZEOF_POINTER          SIZEOF_DWORD    ; sizeof(POINTER)
%define POINTER_BIT             DWORD_BIT       ; sizeof(POINTER)*BYTE_BIT
%endif

%define INT                     dword           ; signed integer type
%define SIZEOF_INT              SIZEOF_DWORD    ; sizeof(INT)
%define INT_BIT                 DWORD_BIT       ; sizeof(INT)*BYTE_BIT

%define FP32                    dword           ; IEEE754 single
%define SIZEOF_FP32             SIZEOF_DWORD    ; sizeof(FP32)
%define FP32_BIT                DWORD_BIT       ; sizeof(FP32)*BYTE_BIT

%define MMWORD                  qword           ; int64  (MMX register)
%define SIZEOF_MMWORD           SIZEOF_QWORD    ; sizeof(MMWORD)
%define MMWORD_BIT              QWORD_BIT       ; sizeof(MMWORD)*BYTE_BIT

; NASM is buggy and doesn't properly handle operand sizes for SSE
; instructions, so for now we have to define XMMWORD as blank.
%define XMMWORD                  ; int128 (SSE register)
%define SIZEOF_XMMWORD           SIZEOF_QWORD    ; sizeof(XMMWORD)
%define XMMWORD_BIT              QWORD_BIT       ; sizeof(XMMWORD)*BYTE_BIT

; Similar hacks for when we load a dword or MMWORD into an xmm# register
%define XMM_DWORD
%define XMM_MMWORD

---
%define SIZEOF_BYTE 1 ; sizeof(BYTE)
%define SIZEOF_WORD 2 ; sizeof(WORD)
%define SIZEOF_DWORD 4 ; sizeof(DWORD)
%define SIZEOF_QWORD 8 ; sizeof(QWORD)
%define SIZEOF_OWORD 16 ; sizeof(OWORD)

%define BYTE_BIT 8 ; CHAR_BIT in C
%define WORD_BIT 16 ; sizeof(WORD)*BYTE_BIT
%define DWORD_BIT 32 ; sizeof(DWORD)*BYTE_BIT
%define QWORD_BIT 64 ; sizeof(QWORD)*BYTE_BIT
%define OWORD_BIT 128 ; sizeof(OWORD)*BYTE_BIT

; --------------------------------------------------------------------------
;  External Symbol Name
;
%ifndef EXTN
%define EXTN(name) _ %+ name ; foo() -> _foo
%endif

; --------------------------------------------------------------------------
;  Macros for position-independent code (PIC) support
;
%ifndef GOT_SYMBOL
%undef PIC
%endif

%ifdef PIC ; -------------------------------------------
%ifidn GOT_SYMBOL,_MACHO_PIC_ ; -------------------
; At present, nasm doesn't seem to support PIC generation for Mach-O.
; The PIC support code below is a little tricky.

SECTION SEG_CONST
const_base:

%define GOTOFF(got,sym) (got) + (sym) - const_base

%imacro get_GOTI
; NOTE: this macro destroys ecx resister.
call%geteip
addecx, byte (%%ref - $)
jmpshort %%adjust
%%%geteip:
mov ecx, POINTER [esp]
ret
%%%adjust:
pushebp
xor ebp,ebp ; ebp = 0
%ifidni %1,ebx; (%1 == ebx)
 ; db 0x8D,0x9C + jmp near const_base =
 ; lea ebx, [ecx+ebp*8+(const_base-%%ref)] ; 8D,9C,E9,(offset32)
 db0x8D,0x9C; 8D,9C
 jmpnear const_base; E9,(const_base-%%ref)
 %%%ref:
 %else ; (%1 != ebx)
 ; db 0x8D,0x8C + jmp near const_base =
 ; lea ecx, [ecx+ebp*8+(const_base-%%ref)] ; 8D,8C,E9,(offset32)
 db0x8D,0x8C; 8D,8C
 jmpnear const_base; E9,(const_base-%%ref)
 %%%ref:mov %1, ecx
 %endif ; (%1 == ebx)
popebp
 %endmacro

%else; GOT_SYMBOL != _MACHO_PIC_ ---------------

%define GOTOFF(got,sym) (got) + (sym) wrt ..gotoff

%imacro get_GOT1 externGOT_SYMBOL
call%%geteip
add%1, GOT_SYMBOL + $$ - $ wrt ..goptc
 jmpshort %%%done
 %%%geteip:
mov%1, POINTER [esp]
ret
 %%%done:
 %endmacro

%endif; GOT_SYMBOL == _MACHO_PIC_ ---------------

%imacro pushpic1.nolist
push%1
 %endmacro
%imacro poppic1.nolist
pop%1
 %endmacro
%imacro movpic2.nolist
mov%1,%2
 %endmacro

%else; !PIC -----------------------------------

%define GOTOFF(got,sym) (sym)
%imacro get_GOT1.nolist
%endmacro
%imacro pushpic1.nolist
%endmacro
%imacro poppic1.nolist
%endmacro
%imacro movpic2.nolist
%endmacro

%endif; PIC -----------------------------------------

; Align the next instruction on {2,4,8,16,...}-byte boundary.
; ";.balign n,,m" in GNU as
:
%define MSKLE(x,y)  (~(y) & 0xFFFF) - ((x) & 0xFFFF) >> 16)
%define FILLB(b,n)  (($$-(b)) & ((n)-1))

%imacro alignx 1-2.nolist 0xFFFF
%%bs:	times MSKLE(FILLB(%%bs,%1),%2) & MSKLE(16,FILLB($,%1)) & FILLB($,%1) \n	db 0x90 ; nop
	times MSKLE(FILLB(%%bs,%1),%2) & FILLB($,%1)/9 \n	db 0x8D,0x9C,0x23,0x00,0x00,0x00,0x00 ; lea ebx,[ebx+0x00000000]
	times MSKLE(FILLB(%%bs,%1),%2) & FILLB($,%1)/7 \n	db 0x8D,0xAC,0x25,0x00,0x00,0x00,0x00 ; lea ebp,[ebp+0x00000000]
	times MSKLE(FILLB(%%bs,%1),%2) & FILLB($,%1)/6 \n	db 0x8D,0xAD,0x00,0x00 ; lea ebp,[ebp+0x00000000]
	times MSKLE(FILLB(%%bs,%1),%2) & FILLB($,%1)/4 \n	db 0x8B,0xED ; mov ebp,ebp
	times MSKLE(FILLB(%%bs,%1),%2) & FILLB($,%1)/3 \n	db 0x8D,0x6D,0x00 ; lea ebp,[ebp+0x00000000]
	times MSKLE(FILLB(%%bs,%1),%2) & FILLB($,%1)/2 \n	db 0x8B,0x6C ; mov ebp,ebp
	times MSKLE(FILLB(%%bs,%1),%2) & FILLB($,%1)/1 \n	db 0x90 ; nop
%endmacro

; Align the next data on {2,4,8,16,...}-byte boundary.
;
%imacro alignz 1.nolist
align %1, db 0; filling zeros
%endmacro

%ifdef __x86_64__
%ifdef WIN64
%imacro collect_args 0

%endif __x86_64__
%ifdef WIN64
%imacro collect_args 0

Open Source Used In Data Center Network Manager 11.5(4) 28642
push r12
push r13
push r14
push r15
mov r10, rcx
mov r11, rdx
mov r12, r8
mov r13, r9
mov r14, [rax+48]
mov r15, [rax+56]
push rsi
push rdi
sub     rsp, SIZEOF_XMMWORD
movaps  XMMWORD [rsp], xmm6
sub     rsp, SIZEOF_XMMWORD
movaps  XMMWORD [rsp], xmm7
%endmacro

%imacro uncollect_args 0
movaps  xmm7, XMMWORD [rsp]
add     rsp, SIZEOF_XMMWORD
movaps  xmm6, XMMWORD [rsp]
add     rsp, SIZEOF_XMMWORD
pop rdi
pop rsi
pop r15
pop r14
pop r13
pop r12
%endmacro

%else

%imacro collect_args 0
push r10
push r11
push r12
push r13
push r14
push r15
mov r10, rdi
mov r11, rsi
mov r12, rdx
mov r13, rcx
mov r14, r8
mov r15, r9
%endmacro
%imacro uncollect_args 0
pop r15
pop r14
pop r13
pop r12
pop r11
pop r10
%endmacro

%endif

%endif

; --------------------------------------------------------------------------
; Defines picked up from the C headers
;
%include "jsimdcfg.inc"

; --------------------------------------------------------------------------

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jsimdext.inc
No license file was found, but licenses were detected in source scan.

/*
 * jchuff.h
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains declarations for Huffman entropy encoding routines
 * that are shared between the sequential encoder (jchuff.c) and the
 * progressive encoder (jcphuff.c). No other modules need to see these.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expandarchive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jchuff.h
No license file was found, but licenses were detected in source scan.

/*
 * jdapimin.c
 *
 * Copyright (C) 1994-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains application interface code for the decompression half
* of the JPEG library. These are the "minimum" API routines that may be
* needed in either the normal full-decompression case or the
* transcoding-only case.
* 
* Most of the routines intended to be called directly by an application
* are in this file or in jdapistd.c. But also see jcomapi.c for routines
* shared by compression and decompression, and jdtrans.c for the transcoding
* case.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdapimin.c
No license file was found, but licenses were detected in source scan.

/*
 * jpegtran.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1995-2010, Thomas G. Lane, Guido Vollbeding.
 * Modifications:
 * Copyright (C) 2010, D. R. Commander.
 * For conditions of distribution and use, see the accompanying README file.
 * 
 * This file contains a command-line user interface for JPEG transcoding.
 * It is very similar to cjpeg.c, and partly to djpeg.c, but provides
 * lossless transcoding between different JPEG file formats. It also
 * provides some lossless and sort-of-lossless transformations of JPEG data.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jpegtran.c
No license file was found, but licenses were detected in source scan.

// Natural Docs is licensed under the GPL.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-
1.2.90/doc/html/search/search.js
No license file was found, but licenses were detected in source scan.

/*
 * jdatadst-tj.c

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/*
 * rdbmp.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modified 2009-2010 by Guido Vollbeding.
 * Modifications:
 * Modified 2011 by Siarhei Siamashka.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to read input images in Microsoft "BMP"
 * format (MS Windows 3.x, OS/2 1.x, and OS/2 2.x flavors).
 * Currently, only 8-bit and 24-bit images are supported, not 1-bit or
 * 4-bit (feeding such low-depth images into JPEG would be silly anyway).
 * Also, we don't support RLE-compressed files.
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume input from
 * an ordinary stdio stream. They further assume that reading begins
 * at the start of the file; start_input may need work if the
 * user interface has already read some data (e.g., to determine that
 * the file is indeed BMP format).
 *
 * This code contributed by James Arthur Boucher.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/rdbmp.c

No license file was found, but licenses were detected in source scan.

/*
 * jccolor.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modifications:
 * Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
 * Copyright (C) 2009-2012, D. R. Commander.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains input colorspace conversion routines.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jccolor.c
No license file was found, but licenses were detected in source scan.

/*
 * rdjpgcom.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * Modified 2009 by Bill Allombert, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a very simple stand-alone application that displays
 * the text in COM (comment) markers in a JFIF file.
 * This may be useful as an example of the minimum logic needed to parse
 * JPEG markers.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/rdjpgcom.c
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/rdjpgcom.c
No license file was found, but licenses were detected in source scan.

/*
 * jconfig.txt
 *
 * Copyright (C) 1991-1994, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file documents the configuration options that are required to
 * customize the JPEG software for a particular system.
 *
 * The actual configuration options for a particular installation are stored
 * in jconfig.h. On many machines, jconfig.h can be generated automatically
 * or copied from one of the "canned" jconfig files that we supply. But if
 * you need to generate a jconfig.h file by hand, this file tells you how.
 *
 * DO NOT EDIT THIS FILE --- IT WON'T ACCOMPLISH ANYTHING.
 * EDIT A COPY NAMED JCONFIG.H.
 */
/*
 * These symbols indicate the properties of your machine or compiler.
 * #define the symbol if yes, #undef it if no.
 */

/* Does your compiler support function prototypes?
 * (If not, you also need to use ansi2knr, see install.txt)
 */
#define HAVE_PROTotypes

/* Does your compiler support the declaration "unsigned char" ?
 * How about "unsigned short" ?
 */
#define HAVE_UNSIGNED_CHAR
#define HAVE_UNSIGNED_SHORT

/* Define "void" as "char" if your compiler doesn't know about type void.
 * NOTE: be sure to define void such that "void *" represents the most general
 * pointer type, e.g., that returned by malloc().
 */
/#define void char */

/* Define "const" as empty if your compiler doesn't know the "const" keyword.
 */
/#define const */

/* Define this if an ordinary "char" type is unsigned.
 * If you're not sure, leaving it undefined will work at some cost in speed.
 * If you defined HAVE_UNSIGNED_CHAR then the speed difference is minimal.
 */
#undef CHAR_IS_UNSIGNED

/* Define this if your system has an ANSI-conforming <stddef.h> file.
 */
#define HAVE_STDDEF_H

/* Define this if your system has an ANSI-conforming <stdlib.h> file.
 */
#define HAVE_STDLIB_H

/* Define this if your system does not have an ANSI/SysV <string.h>,
 * but does have a BSD-style <strings.h>.
 */
#undef NEED_BSD_STRINGS

/* Define this if your system does not provide typedef size_t in any of the
 * ANSI-standard places (stddef.h, stdlib.h, or stdio.h), but places it in
 * <sys/types.h> instead.
 */
#undef NEED_SYS_TYPES_H

/* For 80x86 machines, you need to define NEED_FAR_POINTERS,
* unless you are using a large-data memory model or 80386 flat-memory mode.
* On less brain-damaged CPUs this symbol must not be defined.
* (Defining this symbol causes large data structures to be referenced through
* "far" pointers and to be allocated with a special version of malloc.)
*/
#endif

/* Define this if your linker needs global names to be unique in less
* than the first 15 characters.
*/
#define NEED_SHORT_EXTERNAL_NAMES

/* Although a real ANSI C compiler can deal perfectly well with pointers to
* unspecified structures (see "incomplete types" in the spec), a few pre-ANSI
* and pseudo-ANSI compilers get confused. To keep one of these bozos happy,
* define INCOMPLETE_TYPES_BROKEN. This is not recommended unless you
* actually get "missing structure definition" warnings or errors while
* compiling the JPEG code.
*/
#define INCOMPLETE_TYPES_BROKEN

/* Define "boolean" as unsigned char, not int, on Windows systems.
*/
#ifdef _WIN32
#ifndef __RPCNDR_H__
/* don't conflict if rpcndr.h already read */
typedef unsigned char boolean;
#endif
#define HAVE_BOOLEAN
/* prevent jmorecfg.h from redefining it */
#endif

/*
* The following options affect code selection within the JPEG library,
* but they don't need to be visible to applications using the library.
* To minimize application namespace pollution, the symbols won't be
* defined unless JPEG_INTERNALS has been defined.
*/
#ifdef JPEG_INTERNALS
/* Define this if your compiler implements ">>" on signed values as a logical
* (unsigned) shift; leave it undefined if ">>" is a signed (arithmetic) shift,
* which is the normal and rational definition.
*/
#ifndef RIGHT_SHIFT_IS_UNSIGNED

#endif /* JPEG_INTERNALS */

/*
 * The remaining options do not affect the JPEG library proper,
 * but only the sample applications cjpeg/djpeg (see cjpeg.c, djpeg.c).
 * Other applications can ignore these.
 */

#endif /* JPEG_CJPEG_DJPEG */

/*@ These defines indicate which image (non-JPEG) file formats are allowed. */

#define BMP_SUPPORTED /* BMP image file format */
#define GIF_SUPPORTED /* GIF image file format */
#define PPM_SUPPORTED /* PBMPLUS PPM/PGM image file format */
#undef RLE_SUPPORTED /* Utah RLE image file format */
#define TARGA_SUPPORTED /* Targa image file format */

/* Define this if you want to name both input and output files on the command
 * line, rather than using stdout and optionally stdin. You MUST do this if
 * your system can't cope with binary I/O to stdin/stdout. See comments at
 * head of cjpeg.c or djpeg.c.
 */
#undef TWO_FILE_COMMANDLINE

/* Define this if your system needs explicit cleanup of temporary files.
 * This is crucial under MS-DOS, where the temporary "files" may be areas
 * of extended memory; on most other systems it's not as important.
 */
#undef NEED_SIGNAL_CATCHER

/* By default, we open image files with fopen(...,"rb") or fopen(...,"wb").
 * This is necessary on systems that distinguish text files from binary files,
 * and is harmless on most systems that don't. If you have one of the rare
 * systems that complains about the "b" spec, define this symbol.
 */
#undef DONT_USE_B_MODE

/* Define this if you want percent-done progress reports from cjpeg/djpeg.
 */
#undef PROGRESS_REPORT

#endif /* JPEG_CJPEG_DJPEG */
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Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jconfig.txt
No license file was found, but licenses were detected in source scan.

peakerlib.h

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* Copyright (C) 1991-1998, Thomas G. Lane.
* Modified 2002-2009 by Guido Vollbeding.
* Modifications:
* Copyright (C) 2009-2011, 2013, D. R. Commander.
* For conditions of distribution and use, see the accompanying README file.
* This file defines the application interface for the JPEG library.
* Most applications using the library need only include this file,
* and perhaps jerror.h if they want to know the exact error codes.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jconfig.txt
No license file was found, but licenses were detected in source scan.

jversion.h

* This file was part of the Independent JPEG Group's software:
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* Modifications:
* Copyright (C) 2010, 2012-2013, D. R. Commander.
* For conditions of distribution and use, see the accompanying README file.
* This file contains software version identification.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jconfig.txt
No license file was found, but licenses were detected in source scan.

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# - Redistributions of source code must retain the above copyright notice,
#   this list of conditions and the following disclaimer.
# - Redistributions in binary form must reproduce the above copyright notice,
# this list of conditions and the following disclaimer in the documentation
# - Neither the name of the libjpeg-turbo Project nor the names of its
# software without specific prior written permission.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-costi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-costi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/release/uninstall.in

No license file was found, but licenses were detected in source scan.

**IJG JPEG LIBRARY: CODING RULES**

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Since numerous people will be contributing code and bug fixes, it's important to establish a common coding style. The goal of using similar coding styles is much more important than the details of just what that style is.

In general we follow the recommendations of "Recommended C Style and Coding Standards" revision 6.1 (Cannon et al. as modified by Spencer, Keppel and Brader). This document is available in the IJG FTP archive (see jpeg/doc/cstyle.ms.tbl.Z, or cstyle.txt.Z for those without nroff/tbl).

Block comments should be laid out thusly:

```c
/*
 *  Block comments in this style.
 */
```

We indent statements in K&R style, e.g.,
```
if (test) {
    then-part;
} else {
    else-part;
}
```
with two spaces per indentation level. (This indentation convention is handled automatically by GNU Emacs and many other text editors.)

Multi-word names should be written in lower case with underscores, e.g.,
multi_word_name (not multiWordName). Preprocessor symbols and enum constants are similar but upper case (MULTI_WORD_NAME). Names should be unique within the first fifteen characters. (On some older systems, global names must be unique within six characters. We accommodate this without cluttering the source code by using macros to substitute shorter names.)
We use function prototypes everywhere; we rely on automatic source code transformation to feed prototype-less C compilers. Transformation is done by the simple and portable tool 'ansi2knr.c' (courtesy of Ghostscript). ansi2knr is not very bright, so it imposes a format requirement on function declarations: the function name MUST BEGIN IN COLUMN 1. Thus all functions should be written in the following style:

LOCAL(int *)
function_name (int a, char *b)
{
    code...
}

Note that each function definition must begin with GLOBAL(type), LOCAL(type), or METHODDEF(type). These macros expand to "static type" or just "type" as appropriate. They provide a readable indication of the routine's usage and can readily be changed for special needs. (For instance, special linkage keywords can be inserted for use in Windows DLLs.)

ansi2knr does not transform method declarations (function pointers in structs). We handle these with a macro JMETHOD, defined as

#ifdef HAVE_PROTOTYPES
#define JMETHOD(type,methodname,arglist)  type (*methodname) arglist
#else
#define JMETHOD(type,methodname,arglist)  type (*methodname) ()
#endif

which is used like this:

struct function_pointers {
    JMETHOD(void, init_entropy_encoder, (int somearg, jparms *jp));
    JMETHOD(void, term_entropy_encoder, (void));
};

Note the set of parentheses surrounding the parameter list.

A similar solution is used for forward and external function declarations (see the EXTERN and JPP macros).

If the code is to work on non-ANSI compilers, we cannot rely on a prototype declaration to coerce actual parameters into the right types. Therefore, use explicit casts on actual parameters whenever the actual parameter type is not identical to the formal parameter. Beware of implicit conversions to "int".

It seems there are some non-ANSI compilers in which the sizeof() operator is defined to return int, yet size_t is defined as long. Needless to say, this is brain-damaged. Always use the SIZEOF() macro in place of sizeof(), so that the result is guaranteed to be of type size_t.
The JPEG library is intended to be used within larger programs. Furthermore, we want it to be reentrant so that it can be used by applications that process multiple images concurrently. The following rules support these requirements:

1. Avoid direct use of file I/O, "malloc", error report printouts, etc; pass these through the common routines provided.

2. Minimize global namespace pollution. Functions should be declared static wherever possible. (Note that our method-based calling conventions help this a lot: in many modules only the initialization function will ever need to be called directly, so only that function need be externally visible.) All global function names should begin with "jpeg_.", and should have an abbreviated name (unique in the first six characters) substituted by macro when NEED_SHORT_EXTERNAL_NAMES is set.

3. Don't use global variables; anything that must be used in another module should be in the common data structures.

4. Don't use static variables except for read-only constant tables. Variables that should be private to a module can be placed into private structures (see the system architecture document, structure.txt).

5. Source file names should begin with "j" for files that are part of the library proper; source files that are not part of the library, such as cjpeg.c and djpeg.c, do not begin with "j". Keep source file names to eight characters (plus ".c" or ".h", etc) to make life easy for MS-DOSers. Keep compression and decompression code in separate source files --- some applications may want only one half of the library.

Note: these rules (particularly #4) are not followed religiously in the modules that are used in cjpeg/djpeg but are not part of the JPEG library proper. Those modules are not really intended to be used in other applications.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/coderules.txt
No license file was found, but licenses were detected in source scan.

/*
 * jdarith.c
 *
 * Developed 1997-2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains portable arithmetic entropy decoding routines for JPEG
* Both sequential and progressive modes are supported in this single module.
* Suspension is not currently supported in this module.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdarith.c
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/*
* jcdctmgr.c
*
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* Modifications:
* Copyright (C) 1999-2006, MIYASAKA Masaru.
* Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
* Copyright (C) 2011 D. R. Commander
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains the forward-DCT management logic.
* This code selects a particular DCT implementation to be used,
* and it performs related housekeeping chores including coefficient
* quantization.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcdctmgr.c
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/*
* jerror.c
*
* Copyright (C) 1991-1998, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains simple error-reporting and trace-message routines.
* These are suitable for Unix-like systems and others where writing to
* stderr is the right thing to do. Many applications will want to replace
* some or all of these routines.
*
* If you define USE_WINDOWS_MESSAGEBOX in jconfig.h or in the makefile,
* you get a Windows-specific hack to display error messages in a dialog box.
* It ain't much, but it beats dropping error messages into the bit bucket,
*/
* which is what happens to output to stderr under most Windows C compilers.
*
* These routines are used by both the compression and decompression code.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jerror.c
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*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jerror.c
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jerror.c
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jerror.c
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jerror.c
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jerror.c
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
No license file was found, but licenses were detected in source scan.

From c51b66ebcace2adec0cfbe42d25cb418ed0c02a2 Mon Sep 17 00:00:00 2001
From: DRC <information@libjpeg-turbo.org>
Date: Fri, 20 Jul 2018 17:21:36 -0500
Subject: [PATCH] cjpeg: Fix OOB read caused by malformed 8-bit BMP

... in which one or more of the color indices is out of range for the
number of palette entries.

Fix partly borrowed from jpeg-9c. This commit also adopts Guido's
JERR_PPM_OUTOFRANGE enum value in lieu of our project-specific
JERR_PPM_TOOLARGE enum value.

Fixes #258
---
cerror.h | 5 +++--
rdbmp.c | 7 ++++++-
rdppm.c | 4 ++--
3 files changed, 11 insertions(+), 5 deletions(-)

diff --git a/cerror.h b/cerror.h
index d69b501..46b0f49 100644
--- a/cerror.h
+++ b/cerror.h
@@ -2,7 +2,7 @@
 * cerror.h
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
- * Modified 2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group’s software.
* For conditions of distribution and use, see the accompanying README file.
* 
@ -48.6 +48.7 @@ -JMESSE... "BMP output must be grayscale or RGB"
JMESSE... "Sorry, compressed BMPs not yet supported"
JMESSE... "Empty BMP image"
JMESSE... "Not a BMP file - does not start with BM"
+JMESSE... "Numeric value out of range in BMP file"
JMESSE... "%ux%u 24-bit BMP image"
JMESSE... "%ux%u 8-bit colormapped BMP image"
JMESSE... "%ux%u 24-bit OS2 BMP image"
@ -74.8 +75.8 @@ -JMESSE... "Ran out of GIF bits"
#endif PPM_SUPPORTED
JMESSE... "PPM output must be grayscale or RGB"
JMESSE... "Nonnumeric data in PPM file"
-JMESSE... "Integer value too large in PPM file"
JMESSE... "Not a PPM/PGM file"
+JMESSE... "Numeric value out of range in PPM file"
JMESSE... "%ux%u PGM image"
JMESSE... "%ux%u text PGM image"
JMESSE... "%ux%u PPM image"
diff --git a/rdbmp.c b/rdbmp.c
index c053074..7a27cab 100644
--- a/rdbmp.c
+++ b/rdbmp.c
@@ -3,7 +3,7 @@
*
* This file was part of the Independent JPEG Group's software:
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modifications:
* Modified 2011 by Siarhei Siamashka.
* For conditions of distribution and use, see the accompanying README file.
@@ -64,6 +64,7 @@
typedef struct _bmp_source_struct {
    JDIMENSION row_width;/* Physical width of scanlines in file */
    int bits_per_pixel;/* remembers 8- or 24-bit format */
    + int cmap_length;    /* colormap length */
} bmp_source_struct;

@@ -124,6 +125,7 @@
{
    bmp_source_ptr source = (bmp_source_ptr) sinfo;
    register JSAMPARRAY colormap = source->colormap;
    + int cmaplen = source->cmap_length;
    JSAMPARRAY image_ptr;
    register int t;
register JSAMPROW inptr, outptr;
@@ -140,6 +142,8 @@ get_8bit_row (j_compress_ptr cinfo, cjpeg_source_ptr sinfo)
 outptr = source->pub.buffer[0];
 for (col = cinfo->image_width; col > 0; col--) {
    t = GETJSAMPLE(*inptr++);
+    if (t >= cmaplen)
+        ERREXIT(cinfo, JERR_BMP_OUTOF RANGE);
 *outptr++ = colormap[0][t];/* can omit GETJSAMPLE() safely */
 *outptr++ = colormap[1][t];
 *outptr++ = colormap[2][t];
@@ -399,6 +403,7 @@ start_input_bmp (j_compress_ptr cinfo, cjpeg_source_ptr sinfo)
 source->colormap = (*cinfo->mem->alloc_sarray)
     ((j_common_ptr) cinfo, JPOOL_IMAGE,
      (JDIMENSION) biClrUsed, (J DIMENSION) 3);
+    source->cmap_length = (int) biClrUsed;
 /* and read it from the file */
 read_colormap(source, (int) biClrUsed, mapentrysize);
 /* account for size of colormap */
diff --git a/rdppm.c b/rdppm.c
index 5da1646..59da2bb 100644
--- a/rdppm.c
+++ b/rdppm.c
@@ -76,7 +76,7 @@ typedef struct {
    JSAMPROW pixrow;/* FAR pointer to same */
    size_t buffer_width;/* width of I/O buffer */
    JSAMPLE *rescale;/* => maxval-remapping array, or NULL */
-   int maxval;
+   unsigned int maxval;
 } ppm_source_struct;

typedef ppm_source_struct * ppm_source_ptr;
@@ -126,7 +126,7 @@ read_pbm_integer (j_compress_ptr cinfo, FILE * infile, int maxval)
 }

 if (val > maxval)
-    ERREXIT(cinfo, JERR_PPM_TOOLARGE);
+    ERREXIT(cinfo, JERR_PPM_OUTOF RANGE);

    return val;
 }

--
2.17.2

Found in path(s):
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/
* jcsample.c
*
* Copyright (C) 1991-1996, Thomas G. Lane.
* Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains downsampling routines.
*
* Downsampling input data is counted in "row groups". A row group
* is defined to be max_v_samp_factor pixel rows of each component,
* from which the downsampler produces v_samp_factor sample rows.
* A single row group is processed in each call to the downsampler module.
*
* The downsampler is responsible for edge-expansion of its output data
* to fill an integral number of DCT blocks horizontally. The source buffer
* may be modified if it is helpful for this purpose (the source buffer is
* allocated wide enough to correspond to the desired output width).
* The caller (the prep controller) is responsible for vertical padding.
*
* The downsampler may request "context rows" by setting need_context_rows
* during startup. In this case, the input arrays will contain at least
* one row group's worth of pixels above and below the passed-in data;
* the caller will create dummy rows at image top and bottom by replicating
* the first or last real pixel row.
*
* An excellent reference for image resampling is
*
* The downsampling algorithm used here is a simple average of the source
* pixels covered by the output pixel. The hi-falutin sampling literature
* refers to this as a "box filter". In general the characteristics of a box
* filter are not very good, but for the specific cases we normally use (1:1
* and 2:1 ratios) the box is equivalent to a "triangle filter" which is not
* nearly so bad. If you intend to use other sampling ratios, you'd be well
* advised to improve this code.
*
* A simple input-smoothing capability is provided. This is mainly intended
* for cleaning up color-dithered GIF input files (if you find it inadequate,
* we suggest using an external filtering program such as pnmconvol). When
* enabled, each input pixel P is replaced by a weighted sum of itself and its
* eight neighbors. P's weight is 1-8*SF and each neighbor's weight is SF,
* where SF = (smoothing_factor / 1024).
* Currently, smoothing is only supported for 2h2v sampling factors.
*/
libjpeg-turbo is a JPEG image codec that uses SIMD instructions (MMX, SSE2, NEON) to accelerate baseline JPEG compression and decompression on x86, x86-64, and ARM systems. On such systems, libjpeg-turbo is generally 2-4x as fast as libjpeg, all else being equal. On other types of systems, libjpeg-turbo can still outperform libjpeg by a significant amount, by virtue of its highly-optimized Huffman coding routines. In many cases, the performance of libjpeg-turbo rivals that of proprietary high-speed JPEG codecs.

libjpeg-turbo implements both the traditional libjpeg API as well as the less powerful but more straightforward TurboJPEG API. libjpeg-turbo also features colorspace extensions that allow it to compress from/decompress to 32-bit and big-endian pixel buffers (RGBX, XBGR, etc.), as well as a full-featured Java interface.

libjpeg-turbo was originally based on libjpeg/SIMD, an MMX-accelerated derivative of libjpeg v6b developed by Miyasaka Masaru. The TigerVNC and VirtualGL projects made numerous enhancements to the codec in 2009, and in early 2010, libjpeg-turbo spun off into an independent project, with the goal of making high-speed JPEG compression/decompression technology available to a broader range of users and developers.
* Copyright (C) 1999-2006, MIYASAKA Masaru.
* For conditions of distribution and use, see copyright notice in jsimdext.inc
* 
* This file contains the interface between the "normal" portions
* of the library and the SIMD implementations when running on a
* x86_64 architecture.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jsimd_x86_64.c

No license file was found, but licenses were detected in source scan.

;jdct.inc - private declarations for forward & reverse DCT subsystems
;
; Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
;
; Based on
; x86 SIMD extension for IJG JPEG library
; Copyright (C) 1999-2006, MIYASAKA Masaru.
; For conditions of distribution and use, see copyright notice in jsimdext.inc
;
; [TAB8]

; Each IDCT routine is responsible for range-limiting its results and
; converting them to unsigned form (0..MAXJSAMPLE). The raw outputs could
; be quite far out of range if the input data is corrupt, so a bulletproof
; range-limiting step is required. We use a mask-and-table-lookup method
; to do the combined operations quickly.
;
%define RANGE_MASK (MAXJSAMPLE * 4 + 3) ; 2 bits wider than legal samples

%define ROW(n,b,s)((b)+(n)*(s))
%define COL(n,b,s)((b)+(n)*(s)*DCTSIZE)

%define DWBLOCK(m,n,b,s)((b)+(m)*DCTSIZE*(s)+(n)*SIZEOF_DWORD)
%define MMBLOCK(m,n,b,s)((b)+(m)*DCTSIZE*(s)+(n)*SIZEOF_MMWORD)
%define XMMBLOCK(m,n,b,s)((b)+(m)*DCTSIZE*(s)+(n)*SIZEOF_XMMWORD)

;***********************************************************************

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdct.inc

No license file was found, but licenses were detected in source scan.
** Background

libjpeg-turbo is a JPEG image codec that uses SIMD instructions (MMX, SSE2, NEON) to accelerate baseline JPEG compression and decompression on x86, x86-64, and ARM systems. On such systems, libjpeg-turbo is generally 2-4x as fast as libjpeg, all else being equal. On other types of systems, libjpeg-turbo can still outperform libjpeg by a significant amount, by virtue of its highly-optimized Huffman coding routines. In many cases, the performance of libjpeg-turbo rivals that of proprietary high-speed JPEG codecs.

libjpeg-turbo implements both the traditional libjpeg API as well as the less powerful but more straightforward TurboJPEG API. libjpeg-turbo also features colorspace extensions that allow it to compress from/decompress to 32-bit and big-endian pixel buffers (RGBX, XBGR, etc.), as well as a full-featured Java interface.

libjpeg-turbo was originally based on libjpeg/SIMD, an MMX-accelerated derivative of libjpeg v6b developed by Miyasaka Masaru. The TigerVNC and VirtualGL projects made numerous enhancements to the codec in 2009, and in early 2010, libjpeg-turbo spun off into an independent project, with the goal of making high-speed JPEG compression/decompression technology available to a broader range of users and developers.

** License

Most of libjpeg-turbo inherits the non-restrictive, BSD-style license used by libjpeg (see README.) The TurboJPEG wrapper (both C and Java versions) and associated test programs bear a similar license, which is reproduced below:

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ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

*******************************************************************************
**       Using libjpeg-turbo
*******************************************************************************

libjpeg-turbo includes two APIs that can be used to compress and decompress
JPEG images:

TurboJPEG API: This API provides an easy-to-use interface for compressing
and decompressing JPEG images in memory. It also provides some functionality
that would not be straightforward to achieve using the underlying libjpeg
API, such as generating planar YUV images and performing multiple
simultaneous lossless transforms on an image. The Java interface for
libjpeg-turbo is written on top of the TurboJPEG API.

libjpeg API: This is the de facto industry-standard API for compressing and
decompressing JPEG images. It is more difficult to use than the TurboJPEG
API but also more powerful. The libjpeg API implementation in libjpeg-turbo
is both API/ABI-compatible and mathematically compatible with libjpeg v6b.
It can also optionally be configured to be API/ABI-compatible with libjpeg v7
and v8 (see below.)

There is no significant performance advantage to either API when both are used
to perform similar operations.

=====================
Installation Directory
=====================

This document assumes that libjpeg-turbo will be installed in the default
directory (/opt/libjpeg-turbo on Un*x and Mac systems and
c:\libjpeg-turbo[-gcc][64] on Windows systems. If your installation of
libjpeg-turbo resides in a different directory, then adjust the instructions
accordingly.

=================================
Replacing libjpeg at Run Time
=================================
Un*x
----

If a Un*x application is dynamically linked with libjpeg, then you can replace libjpeg with libjpeg-turbo at run time by manipulating LD_LIBRARY_PATH. For instance:

[Using libjpeg]
> time cjpeg <vgl_5674_0098.ppm >vgl_5674_0098.jpg
real  0m0.392s
user  0m0.074s
sys   0m0.020s

[Using libjpeg-turbo]
> export LD_LIBRARY_PATH=/opt/libjpeg-turbo/{lib}:$LD_LIBRARY_PATH
> time cjpeg <vgl_5674_0098.ppm >vgl_5674_0098.jpg
real  0m0.109s
user  0m0.029s
sys   0m0.010s

({lib} = lib32 or lib64, depending on whether you wish to use the 32-bit or the 64-bit version of libjpeg-turbo.)

System administrators can also replace the libjpeg symlinks in /usr/lib* with links to the libjpeg-turbo dynamic library located in /opt/libjpeg-turbo/{lib}. This will effectively accelerate every application that uses the libjpeg dynamic library on the system.

Windows
-------

If a Windows application is dynamically linked with libjpeg, then you can replace libjpeg with libjpeg-turbo at run time by backing up the application's copy of jpeg62.dll, jpeg7.dll, or jpeg8.dll (assuming the application has its own local copy of this library) and copying the corresponding DLL from libjpeg-turbo into the application's install directory. The official libjpeg-turbo binary packages only provide jpeg62.dll. If the application uses jpeg7.dll or jpeg8.dll instead, then it will be necessary to build libjpeg-turbo from source (see "libjpeg v7 and v8 API/ABI Emulation" below.)

The following information is specific to the official libjpeg-turbo binary packages for Visual C++:

-- jpeg62.dll requires the Visual C++ 2008 C run-time DLL (msvcr90.dll). msvcrt90.dll ships with more recent versions of Windows, but users of older Windows releases can obtain it from the Visual C++ 2008 Redistributable Package, which is available as a free download from Microsoft's web site.
-- Features of the libjpeg API that require passing a C run-time structure, such as a file handle, from an application to the library will probably not work with jpeg62.dll, unless the application is also built to use the Visual C++ 2008 C run-time DLL. In particular, this affects jpeg_stdio_dest() and jpeg_stdio_src().

Mac
---

Mac applications typically embed their own copies of the libjpeg dylib inside the (hidden) application bundle, so it is not possible to globally replace libjpeg on OS X systems. Replacing the application's version of the libjpeg dylib would generally involve copying libjpeg.*.dylib from libjpeg-turbo into the appropriate place in the application bundle and using install_name_tool to repoint the libjpeg-turbo dylib to its new directory. This requires an advanced knowledge of OS X and would not survive an upgrade or a re-install of the application. Thus, it is not recommended for most users.

========================================
Using libjpeg-turbo in Your Own Programs
========================================

For the most part, libjpeg-turbo should work identically to libjpeg, so in most cases, an application can be built against libjpeg and then run against libjpeg-turbo. On Un*x systems and Cygwin, you can build against libjpeg-turbo instead of libjpeg by setting

```
CPATH=/opt/libjpeg-turbo/include
and
LIBRARY_PATH=/opt/libjpeg-turbo/{lib}
```

(`lib` = lib32 or lib64, depending on whether you are building a 32-bit or a 64-bit application.)

If using MinGW, then set

```
CPATH=/c/libjpeg-turbo-gcc[64]/include
and
LIBRARY_PATH=/c/libjpeg-turbo-gcc[64]/lib
```

Building against libjpeg-turbo is useful, for instance, if you want to build an application that leverages the libjpeg-turbo colorspace extensions (see below.) On Un*x systems, you would still need to manipulate LD_LIBRARY_PATH or create appropriate symlinks to use libjpeg-turbo at run time. On such systems, you can pass -R /opt/libjpeg-turbo/[lib] to the linker to force the use of libjpeg-turbo at run time rather than libjpeg (also useful if you want to leverage the colorspace extensions), or you can link against the libjpeg-turbo
To force a Unix or MinGW application to link against the static version of libjpeg-turbo, you can use the following linker options:

-Wl,-Bstatic -ljpeg -Wl,-Bdynamic

On OS X, simply add /opt/libjpeg-turbo/lib/libjpeg.a to the linker command line.

To build Visual C++ applications using libjpeg-turbo, add c:/libjpeg-turbo[64]/include to the system or user INCLUDE environment variable and c:/libjpeg-turbo[64]/lib to the system or user LIB environment variable, and then link against either jpeg.lib (to use the DLL version of libjpeg-turbo) or jpeg-static.lib (to use the static version of libjpeg-turbo.)

===============
Colorsce Extensions
===============

libjpeg-turbo includes extensions that allow JPEG images to be compressed directly from (and decompressed directly to) buffers that use BGR, BGRX, RGBX, XBGR, and XRGB pixel ordering. This is implemented with ten new colorspace constants:

JCS_EXT_RGB   /* red/green/blue */
JCS_EXT_RGBX  /* red/green/blue/x */
JCS_EXT_BGR   /* blue/green/red */
JCS_EXT_BGRX  /* blue/green/red/x */
JCS_EXT_XBGR  /* x/blue/green/red */
JCS_EXT_XRGB  /* x/red/green/blue */
JCS_EXT_RGBA  /* red/green/blue/alpha */
JCS_EXT_BGRA  /* blue/green/red/alpha */
JCS_EXT_ABGR  /* alpha/blue/green/red */
JCS_EXT_ARGB  /* alpha/red/green/blue */

Setting cinfo.in_color_space (compression) or cinfo.out_color_space (decompression) to one of these values will cause libjpeg-turbo to read the red, green, and blue values from (or write them to) the appropriate position in the pixel when compressing from/decompressing to an RGB buffer.

Your application can check for the existence of these extensions at compile time with:

#ifdef JCS_EXTENSIONS

At run time, attempting to use these extensions with a libjpeg implementation that does not support them will result in a "Bogus input colorspace" error.
Applications can trap this error in order to test whether run-time support is available for the colorspace extensions.

When using the RGBX, BGRX, XBGR, and XRGB colorspaces during decompression, the X byte is undefined, and in order to ensure the best performance, libjpeg-turbo can set that byte to whatever value it wishes. If an application expects the X byte to be used as an alpha channel, then it should specify JCS_EXT_RGBA, JCS_EXT_BGRA, JCS_EXT_ABGR, or JCS_EXT_ARGB. When these colorspace constants are used, the X byte is guaranteed to be 0xFF, which is interpreted as opaque.

Your application can check for the existence of the alpha channel colorspace extensions at compile time with:

```c
#ifdef JCS_ALPHA_EXTENSIONS
```

cstest.c, located in the libjpeg-turbo source tree, demonstrates how to check for the existence of the colorspace extensions at compile time and run time.

===================================
libjpeg v7 and v8 API/ABI Emulation
===================================

With libjpeg v7 and v8, new features were added that necessitated extending the compression and decompression structures. Unfortunately, due to the exposed nature of those structures, extending them also necessitated breaking backward ABI compatibility with previous libjpeg releases. Thus, programs that were built to use libjpeg v7 or v8 did not work with libjpeg-turbo, since it is based on the libjpeg v6b code base. Although libjpeg v7 and v8 are still not as widely used as v6b, enough programs (including a few Linux distros) made the switch that there was a demand to emulate the libjpeg v7 and v8 ABIs in libjpeg-turbo. It should be noted, however, that this feature was added primarily so that applications that had already been compiled to use libjpeg v7+ could take advantage of accelerated baseline JPEG encoding/decoding without recompiling. Libjpeg-turbo does not claim to support all of the libjpeg v7+ features, nor to produce identical output to libjpeg v7+ in all cases (see below.)

By passing an argument of --with-jpeg7 or --with-jpeg8 to configure, or an argument of -DWITH_JPEG7=1 or -DWITH_JPEG8=1 to cmake, you can build a version of libjpeg-turbo that emulates the libjpeg v7 or v8 ABI, so that programs that are built against libjpeg v7 or v8 can be run with libjpeg-turbo. The following section describes which libjpeg v7+ features are supported and which aren't.

Support for libjpeg v7 and v8 Features:
--------------------------------------

Fully supported:
-- libjpeg: IDCT scaling extensions in decompressor
libjpeg-turbo supports IDCT scaling with scaling factors of 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8, 9/8, 5/4, 11/8, 3/2, 13/8, 7/4, 15/8, and 2/1 (only 1/4 and 1/2 are SIMD-accelerated.)

-- libjpeg: arithmetic coding

-- libjpeg: In-memory source and destination managers
See notes below.

-- cjpeg: Separate quality settings for luminance and chrominance
Note that the libjpeg v7+ API was extended to accommodate this feature only for convenience purposes. It has always been possible to implement this feature with libjpeg v6b (see rdswitch.c for an example.)

-- cjpeg: 32-bit BMP support

-- cjpeg: -rgb option

-- jpegtran: lossless cropping

-- jpegtran: -perfect option

-- jpegtran: forcing width/height when performing lossless crop

-- rdjpgcom: -raw option

-- rdjpgcom: locale awareness

Not supported:

NOTE: As of this writing, extensive research has been conducted into the usefulness of DCT scaling as a means of data reduction and SmartScale as a means of quality improvement. The reader is invited to peruse the research at http://www.libjpeg-turbo.org/About/SmartScale and draw his/her own conclusions, but it is the general belief of our project that these features have not demonstrated sufficient usefulness to justify inclusion in libjpeg-turbo.

-- libjpeg: DCT scaling in compressor
cinfo.scale_num and cinfo.scale_denom are silently ignored.
There is no technical reason why DCT scaling could not be supported when emulating the libjpeg v7+ API/ABI, but without the SmartScale extension (see below), only scaling factors of 1/2, 8/15, 4/7, 8/13, 2/3, 8/11, 4/5, and 8/9 would be available, which is of limited usefulness.

-- libjpeg: SmartScale
cinfo.block_size is silently ignored.

SmartScale is an extension to the JPEG format that allows for DCT block sizes other than 8x8. Providing support for this new format would be feasible (particularly without full acceleration.) However, until/unless the format becomes either an official industry standard or, at minimum, an accepted solution in the community, we are hesitant to implement it, as there is no sense of whether or how it might change in the future. It is our belief that SmartScale has not demonstrated sufficient usefulness as a lossless format nor as a means of quality enhancement, and thus, our primary interest in providing this feature would be as a means of supporting additional DCT scaling factors.

-- libjpeg: Fancy downsampling in compressor
  cinfo.do_fancy_downsampling is silently ignored.
  This requires the DCT scaling feature, which is not supported.

-- jpegtran: Scaling
  This requires both the DCT scaling and SmartScale features, which are not supported.

-- Lossless RGB JPEG files
  This requires the SmartScale feature, which is not supported.

What About libjpeg v9?

----------------------

libjpeg v9 introduced yet another field to the JPEG compression structure (color_transform), thus making the ABI backward incompatible with that of libjpeg v8. This new field was introduced solely for the purpose of supporting lossless SmartScale encoding. Further, there was actually no reason to extend the API in this manner, as the color transform could have just as easily been activated by way of a new JPEG colorspace constant, thus preserving backward ABI compatibility.

Our research (see link above) has shown that lossless SmartScale does not generally accomplish anything that can't already be accomplished better with existing, standard lossless formats. Thus, at this time, it is our belief that there is not sufficient technical justification for software to upgrade from libjpeg v8 to libjpeg v9, and therefore, not sufficient technical justification for us to emulate the libjpeg v9 ABI.

===================================== In-Memory Source/Destination Managers

By default, libjpeg-turbo 1.3 and later includes the jpeg_mem_src() and jpeg_mem_dest() functions, even when not emulating the libjpeg v8 API/ABI. Previously, it was necessary to build libjpeg-turbo from source with libjpeg v8.
API/ABI emulation in order to use the in-memory source/destination managers, but several projects requested that those functions be included when emulating the libjpeg v6b API/ABI as well. This allows the use of those functions by programs that need them without breaking ABI compatibility for programs that don't, and it allows those functions to be provided in the "official" libjpeg-turbo binaries.

Those who are concerned about maintaining strict conformance with the libjpeg v6b or v7 API can pass an argument of --without-mem-srcdst to configure or an argument of -DWITH_MEM_SRCDST=0 to CMake prior to building libjpeg-turbo. This will restore the pre-1.3 behavior, in which jpeg_mem_src() and jpeg_mem_dest() are only included when emulating the libjpeg v8 API/ABI.

On Un*x systems, including the in-memory source/destination managers changes the dynamic library version from 62.0.0 to 62.1.0 if using libjpeg v6b API/ABI emulation and from 7.0.0 to 7.1.0 if using libjpeg v7 API/ABI emulation.

Note that, on most Un*x systems, the dynamic linker will not look for a function in a library until that function is actually used. Thus, if a program is built against libjpeg-turbo 1.3+ and uses jpeg_mem_src() or jpeg_mem_dest(), that program will not fail if run against an older version of libjpeg-turbo or against libjpeg v7- until the program actually tries to call jpeg_mem_src() or jpeg_mem_dest(). Such is not the case on Windows. If a program is built against the libjpeg-turbo 1.3+ DLL and uses jpeg_mem_src() or jpeg_mem_dest(), then it must use the libjpeg-turbo 1.3+ DLL at run time.

Both cjpeg and djpeg have been extended to allow testing the in-memory source/destination manager functions. See their respective man pages for more details.

******************************************************************************
**     Mathematical Compatibility
******************************************************************************

For the most part, libjpeg-turbo should produce identical output to libjpeg v6b. The one exception to this is when using the floating point DCT/IDCT, in which case the outputs of libjpeg v6b and libjpeg-turbo are not guaranteed to be identical (the accuracy of the floating point DCT/IDCT is constant when using libjpeg-turbo's SIMD extensions, but otherwise, it can depend heavily on the compiler and compiler settings.)

While libjpeg-turbo does emulate the libjpeg v8 API/ABI, under the hood, it is still using the same algorithms as libjpeg v6b, so there are several specific cases in which libjpeg-turbo cannot be expected to produce the same output as libjpeg v8:

-- When decompressing using scaling factors of 1/2 and 1/4, because libjpeg v8
implements those scaling algorithms a bit differently than libjpeg v6b does, and libjpeg-turbo's SIMD extensions are based on the libjpeg v6b behavior.

-- When using chrominance subsampling, because libjpeg v8 implements this with its DCT/IDCT scaling algorithms rather than with a separate downsampling/upsampling algorithm.

-- When using the floating point IDCT, for the reasons stated above and also because the floating point IDCT algorithm was modified in libjpeg v8a to improve accuracy.

-- When decompressing using a scaling factor > 1 and merged (AKA "non-fancy" or "non-smooth") chrominance upsampling, because libjpeg v8 does not support merged upsampling with scaling factors > 1.

******************************************************************************
**     Performance Pitfalls
******************************************************************************

================
Restart Markers
================

The optimized Huffman decoder in libjpeg-turbo does not handle restart markers in a way that makes the rest of the libjpeg infrastructure happy, so it is necessary to use the slow Huffman decoder when decompressing a JPEG image that has restart markers. This can cause the decompression performance to drop by as much as 20%, but the performance will still be much greater than that of libjpeg. Many consumer packages, such as PhotoShop, use restart markers when generating JPEG images, so images generated by those programs will experience this issue.

===============================================
Fast Integer Forward DCT at High Quality Levels
===============================================

The algorithm used by the SIMD-accelerated quantization function cannot produce correct results whenever the fast integer forward DCT is used along with a JPEG quality of 98-100. Thus, libjpeg-turbo must use the non-SIMD quantization function in those cases. This causes performance to drop by as much as 40%. It is therefore strongly advised that you use the slow integer forward DCT whenever encoding images with a JPEG quality of 98 or higher.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/README-turbo.txt
No license file was found, but licenses were detected in source scan.

/*
 * jdtrans.c
 *
 * Copyright (C) 1995-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains library routines for transcoding decompression,
 * that is, reading raw DCT coefficient arrays from an input JPEG file.
 * The routines in jdapimin.c will also be needed by a transcoder.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdtrans.c
No license file was found, but licenses were detected in source scan.

/*
 * jdphuff.c
 *
 * Copyright (C) 1995-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains Huffman entropy decoding routines for progressive JPEG.
 *
 * Much of the complexity here has to do with supporting input suspension.
 * If the data source module demands suspension, we want to be able to back
 * up to the start of the current MCU. To do this, we copy state variables
 * into local working storage, and update them back to the permanent
 * storage only upon successful completion of an MCU.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdphuff.c
No license file was found, but licenses were detected in source scan.

/*
 * jcmaster.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modified 2003-2010 by Guido Vollbeding.
 * Modifications:
 * Copyright (C) 2010, D. R. Commander.
 */
* For conditions of distribution and use, see the accompanying README file.
* This file contains master control logic for the JPEG compressor.
* These routines are concerned with parameter validation, initial setup,
* and inter-pass control (determining the number of passes and the work
* to be done in each pass).
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbddd/libjpeg-turbo-1.2.90/jcmaster.c
No license file was found, but licenses were detected in source scan.

/*
* wrbmp.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains routines to write output images in Microsoft "BMP"
* format (MS Windows 3.x and OS/2 1.x flavors).
* Either 8-bit colormapped or 24-bit full-color format can be written.
* No compression is supported.
*
* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume output to
* an ordinary stdout stream.
*
* This code contributed by James Arthur Boucher.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbddd/libjpeg-turbo-1.2.90/wrbmp.c
No license file was found, but licenses were detected in source scan.

/*
* jcapistd.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains application interface code for the compression half
* of the JPEG library. These are the "standard" API routines that are
* used in the normal full-compression case. They are not used by a
* transcoding-only application. Note that if an application links in
* jpeg_start_compress, it will end up linking in the entire compressor.
* We thus must separate this file from jcapimin.c to avoid linking the
* whole compression library into a transcoder.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcapistd.c
No license file was found, but licenses were detected in source scan.

/*
 * transupp.h
 *
 * Copyright (C) 1997-2011, Thomas G. Lane, Guido Vollbding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains declarations for image transformation routines and
 * other utility code used by the jpegtran sample application. These are
 * NOT part of the core JPEG library. But we keep these routines separate
 * from jpegtran.c to ease the task of maintaining jpegtran-like programs
 * that have other user interfaces.
 *
 * NOTE: all the routines declared here have very specific requirements
 * about when they are to be executed during the reading and writing of the
 * source and destination files. See the comments in transupp.c, or see
 * jpegtran.c for an example of correct usage.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/transupp.h
No license file was found, but licenses were detected in source scan.

/*
 * jaricom.c
 *
 * Developed 1997-2009 by Guido Vollbding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains probability estimation tables for common use in
 * arithmetic entropy encoding and decoding routines.
 *
 * This data represents Table D.2 in the JPEG spec (ISO/IEC IS 10918-1
 * and CCITT Recommendation ITU-T T.81) and Table 24 in the JBIG spec
 */
No license file was found, but licenses were detected in source scan.

/*
 * jpegcomp.h
 *
 * Copyright (C) 2010, D. R. Commander
 * For conditions of distribution and use, see the accompanying README file.
 *
 * JPEG compatibility macros
 * These declarations are considered internal to the JPEG library; most
 * applications using the library shouldn't need to include this file.
 */

No license file was found, but licenses were detected in source scan.

/*
 * jdatasrc-tj.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modifications:
 * Copyright (C) 2011, D. R. Commander.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains decompression data source routines for the case of
 * reading JPEG data from memory or from a file (or any stdio stream).
 * While these routines are sufficient for most applications,
 * some will want to use a different source manager.
 * IMPORTANT: we assume that fread() will correctly transcribe an array of
 * JOCTETs from 8-bit-wide elements on external storage. If char is wider
 * than 8 bits on your machine, you may need to do some tweaking.
 */

No license file was found, but licenses were detected in source scan.

/*
 * jccolext.c
 */
* applications. These strings are not needed as part of the JPEG library
* proper.
* Edit this file to add new codes, or to translate the message strings to
* some other language.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src-rpm-cosi-expand-
archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/cderror.h
No license file was found, but licenses were detected in source scan.

1.2.90 (1.3 beta1)

[1] Added support for additional scaling factors (3/8, 5/8, 3/4, 7/8, 9/8, 5/4, 11/8, 3/2, 13/8, 7/4, 15/8, and 2) when decompressing. Note that the IDCT will not be SIMD-accelerated when using any of these new scaling factors.

[2] The TurboJPEG dynamic library is now versioned. It was not strictly necessary to do so, because TurboJPEG uses versioned symbols, and if a function changes in an ABI-incompatible way, that function is renamed and a legacy function is provided to maintain backward compatibility. However, certain Linux distro maintainers will blindly reject any library that is not versioned, so this was an attempt to make them happy.

[3] Extended the TurboJPEG Java API so that it can be used to compress a JPEG image from and decompress a JPEG image to an arbitrary position in a large image buffer.

[4] The tjDecompressToYUV() function now supports the TJFLAG_FASTDCT flag.

[5] The 32-bit supplementary package for amd64 Debian systems now provides symlinks in /usr/lib/i386-linux-gnu for the TurboJPEG libraries in /usr/lib32. This allows those libraries to be used on MultiArch-compatible systems (such as Ubuntu 11 and later) without setting the linker path.

[6] The TurboJPEG Java wrapper should now find the JNI library on Mac systems without having to pass -Djava.library.path=/usr/lib to java.

[7] TJBench has been ported to Java to provide a convenient way of validating the performance of the TurboJPEG Java API. It can be run with 'java -cp turbojpeg.jar TJBench'.

[8] cjpeg can now be used to generate JPEG files with the RGB colorspace (feature ported from jpeg-8d.)

[9] The width and height in the -crop argument passed to jpegtran can now be suffixed with "l" to indicate that, when the upper left corner of the cropping
region is automatically moved to the nearest iMCU boundary, the bottom right corner should be moved by the same amount. In other words, this feature causes jpegtran to strictly honor the specified width/height rather than the specified bottom right corner (feature ported from jpeg-8d.)

[10] JPEG files using the RGB colorspace can now be decompressed into grayscale images (feature ported from jpeg-8d.)

[11] Fixed a regression caused by 1.2.1[7] whereby the build would fail with multiple "Mismatch in operand sizes" errors when attempting to build the x86 SIMD code with NASM 0.98.

[12] The in-memory source/destination managers (jpeg_mem_src() and jpeg_mem_dest()) are now included by default when building libjpeg-turbo with libjpeg v6b or v7 emulation, so that programs can take advantage of these functions without requiring the use of the backward-incompatible libjpeg v8 ABI. The "age number" of the libjpeg-turbo library on Un*x systems has been incremented by 1 to reflect this. You can disable this feature with a configure/CMake switch in order to retain strict API/ABI compatibility with the libjpeg v6b or v7 API/ABI (or with previous versions of libjpeg-turbo.) See README-turbo.txt for more details.

[13] Added ARM v7s architecture to libjpeg.a and libturbojpeg.a in the official libjpeg-turbo binary package for OS X, so that those libraries can be used to build applications that leverage the faster CPUs in the iPhone 5 and iPad 4.

1.2.1
=====

[1] Creating or decoding a JPEG file that uses the RGB colorspace should now properly work when the input or output colorspace is one of the libjpeg-turbo colorspace extensions.

[2] When libjpeg-turbo was built without SIMD support and merged (non-fancy) upsampling was used along with an alpha-enabled colorspace during decompression, the unused byte of the decompressed pixels was not being set to 0xFF. This has been fixed. TJUnitTest has also been extended to test for the correct behavior of the colorspace extensions when merged upsampling is used.

[3] Fixed a bug whereby the libjpeg-turbo SSE2 SIMD code would not preserve the upper 64 bits of xmm6 and xmm7 on Win64 platforms, which violated the Win64 calling conventions.

[4] Fixed a regression caused by 1.2.0[6] whereby decompressing corrupt JPEG images (specifically, images in which the component count was erroneously set to a large value) would cause libjpeg-turbo to segfault.
[5] Worked around a severe performance issue with "Bobcat" (AMD Embedded APU) processors. The MASKMOVQDQU instruction, which was used by the libjpeg-turbo SSE2 SIMD code, is apparently implemented in microcode on AMD processors, and it is painfully slow on Bobcat processors in particular. Eliminating the use of this instruction improved performance by an order of magnitude on Bobcat processors and by a small amount (typically 5%) on AMD desktop processors.

[6] Added SIMD acceleration for performing 4:2:2 upsampling on NEON-capable ARM platforms. This speeds up the decompression of 4:2:2 JPEGs by 20-25% on such platforms.

[7] Fixed a regression caused by 1.2.0[2] whereby, on Linux/x86 platforms running the 32-bit SSE2 SIMD code in libjpeg-turbo, decompressing a 4:2:0 or 4:2:2 JPEG image into a 32-bit (RGBX, BGRX, etc.) buffer without using fancy upsampling would produce several incorrect columns of pixels at the right-hand side of the output image if each row in the output image was not evenly divisible by 16 bytes.

[8] Fixed an issue whereby attempting to build the SIMD extensions with Xcode 4.3 on OS X platforms would cause NASM to return numerous errors of the form "'%define' expects a macro identifier".

[9] Added flags to the TurboJPEG API that allow the caller to force the use of either the fast or the accurate DCT/IDCT algorithms in the underlying codec.

1.2.0
====

[1] Fixed build issue with YASM on Unix systems (the libjpeg-turbo build system was not adding the current directory to the assembler include path, so YASM was not able to find jsimdcfg.inc.)

[2] Fixed out-of-bounds read in SSE2 SIMD code that occurred when decompressing a JPEG image to a bitmap buffer whose size was not a multiple of 16 bytes. This was more of an annoyance than an actual bug, since it did not cause any actual run-time problems, but the issue showed up when running libjpeg-turbo in valgrind. See http://crbug.com/72399 for more information.

[3] Added a compile-time macro (LIBJPEG_TURBO_VERSION) that can be used to check the version of libjpeg-turbo against which an application was compiled.

[4] Added new RGBA/BGRA/ABGR/ARGB colorspace extension constants (libjpeg API) and pixel formats (TurboJPEG API), which allow applications to specify that, when decompressing to a 4-component RGB buffer, the unused byte should be set to 0xFF so that it can be interpreted as an opaque alpha channel.

[5] Fixed regression issue whereby DevIL failed to build against libjpeg-turbo
because libjpeg-turbo's distributed version of jconfig.h contained an INLINE macro, which conflicted with a similar macro in DevIL. This macro is used only internally when building libjpeg-turbo, so it was moved into config.h.

[6] libjpeg-turbo will now correctly decompress erroneous CMYK/YCCK JPEGs whose K component is assigned a component ID of 1 instead of 4. Although these files are in violation of the spec, other JPEG implementations handle them correctly.

[7] Added ARM v6 and ARM v7 architectures to libjpeg.a and libturbojpeg.a in the official libjpeg-turbo binary package for OS X, so that those libraries can be used to build both OS X and iOS applications.

1.1.90 (1.2 beta1)
=================

[1] Added a Java wrapper for the TurboJPEG API. See java/README for more details.

[2] The TurboJPEG API can now be used to scale down images during decompression.

[3] Added SIMD routines for RGB-to-grayscale color conversion, which significantly improves the performance of grayscale JPEG compression from an RGB source image.

[4] Improved the performance of the C color conversion routines, which are used on platforms for which SIMD acceleration is not available.

[5] Added a function to the TurboJPEG API that performs lossless transforms. This function is implemented using the same back end as jpegtran, but it performs transcoding entirely in memory and allows multiple transforms and/or crop operations to be batched together, so the source coefficients only need to be read once. This is useful when generating image tiles from a single source JPEG.

[6] Added tests for the new TurboJPEG scaled decompression and lossless transform features to tjbench (the TurboJPEG benchmark, formerly called "jpgtest").

[7] Added support for 4:4:0 (transposed 4:2:2) subsampling in TurboJPEG, which was necessary in order for it to read 4:2:2 JPEG files that had been losslessly transposed or rotated 90 degrees.

[8] All legacy VirtualGL code has been re-factored, and this has allowed libjpeg-turbo, in its entirety, to be re-licensed under a BSD-style license.
[9] libjpeg-turbo can now be built with YASM.

[10] Added SIMD acceleration for ARM Linux and iOS platforms that support NEON instructions.

[11] Refactored the TurboJPEG C API and documented it using Doxygen. The TurboJPEG 1.2 API uses pixel formats to define the size and component order of the uncompressed source/destination images, and it includes a more efficient version of TJBUFSIZE() that computes a worst-case JPEG size based on the level of chrominance subsampling. The refactored implementation of the TurboJPEG API now uses the libjpeg memory source and destination managers, which allows the TurboJPEG compressor to grow the JPEG buffer as necessary.

[12] Eliminated errors in the output of jpegtran on Windows that occurred when the application was invoked using I/O redirection (jpegtran <input.jpg >output.jpg).

[13] The inclusion of libjpeg v7 and v8 emulation as well as arithmetic coding support in libjpeg-turbo v1.1.0 introduced several new error constants in jerror.h, and these were mistakenly enabled for all emulation modes, causing the error enum in libjpeg-turbo to sometimes have different values than the same enum in libjpeg. This represents an ABI incompatibility, and it caused problems with rare applications that took specific action based on a particular error value. The fix was to include the new error constants conditionally based on whether libjpeg v7 or v8 emulation was enabled.

[14] Fixed an issue whereby Windows applications that used libjpeg-turbo would fail to compile if the Windows system headers were included before jpeglib.h. This issue was caused by a conflict in the definition of the INT32 type.

[15] Fixed 32-bit supplementary package for amd64 Debian systems, which was broken by enhancements to the packaging system in 1.1.

[16] When decompressing a JPEG image using an output colorspace of JCS_EXT_RGBX, JCS_EXT_BGRX, JCS_EXT_XBGR, or JCS_EXT_XRGB, libjpeg-turbo will now set the unused byte to 0xFF, which allows applications to interpret that byte as an alpha channel (0xFF = opaque).

1.1.1
=====

[1] Fixed a 1-pixel error in row 0, column 21 of the luminance plane generated by tjEncodeYUV().

[2] libjpeg-turbo's accelerated Huffman decoder previously ignored unexpected markers found in the middle of the JPEG data stream during decompression. It will now hand off decoding of a particular block to the unaccelerated Huffman
decoder if an unexpected marker is found, so that the unaccelerated Huffman decoder can generate an appropriate warning.

[3] Older versions of MinGW64 prefixed symbol names with underscores by default, which differed from the behavior of 64-bit Visual C++. MinGW64 1.0 has adopted the behavior of 64-bit Visual C++ as the default, so to accommodate this, the libjpeg-turbo SIMD function names are no longer prefixed with an underscore when building with MinGW64. This means that, when building libjpeg-turbo with older versions of MinGW64, you will now have to add -fno-leading-underscore to the CFLAGS.

[4] Fixed a regression bug in the NSIS script that caused the Windows installer build to fail when using the Visual Studio IDE.

[5] Fixed a bug in jpeg_read_coefficients() whereby it would not initialize cinfo->image_width and cinfo->image_height if libjpeg v7 or v8 emulation was enabled. This specifically caused the jpegoptim program to fail if it was linked against a version of libjpeg-turbo that was built with libjpeg v7 or v8 emulation.


[7] Eliminated errors in the output of cjpeg on Windows that occurred when the application was invoked using I/O redirection (cjpeg <inputfile >output.jpg).

1.1.0
=====

[1] The algorithm used by the SIMD quantization function cannot produce correct results when the JPEG quality is >= 98 and the fast integer forward DCT is used. Thus, the non-SIMD quantization function is now used for those cases, and libjpeg-turbo should now produce identical output to libjpeg v6b in all cases.

[2] Despite the above, the fast integer forward DCT still degrades somewhat for JPEG qualities greater than 95, so the TurboJPEG wrapper will now automatically use the slow integer forward DCT when generating JPEG images of quality 96 or greater. This reduces compression performance by as much as 15% for these high-quality images but is necessary to ensure that the images are perceptually lossless. It also ensures that the library can avoid the performance pitfall created by [1].

[3] Ported jpgtest.cxx to pure C to avoid the need for a C++ compiler.

[5] The Windows distribution packages now include the libjpeg run-time programs (cjpeg, etc.)

[6] All packages now include jpgtest.


[8] Added two new TurboJPEG API functions, tjEncodeYUV() and tjDecompressToYUV(), to replace the somewhat hackish TJ_YUV flag.

1.0.90 (1.1 beta1)
==================

[1] Added emulation of the libjpeg v7 and v8 APIs and ABIs. See README-turbo.txt for more details. This feature was sponsored by CamTrace SAS.


[3] Grayscale bitmaps can now be compressed from/decompressed to using the TurboJPEG API.

[4] jpgtest can now be used to test decompression performance with existing JPEG images.

[5] If the default install prefix (/opt/libjpeg-turbo) is used, then 'make install' now creates /opt/libjpeg-turbo/lib32 and /opt/libjpeg-turbo/lib64 sym links to duplicate the behavior of the binary packages.

[6] All symbols in the libjpeg-turbo dynamic library are now versioned, even when the library is built with libjpeg v6b emulation.

[7] Added arithmetic encoding and decoding support (can be disabled with configure or CMake options)

[8] Added a TJ_YUV flag to the TurboJPEG API, which causes both the compressor and decompressor to output planar YUV images.

[9] Added an extended version of tjDecompressHeader() to the TurboJPEG API, which allows the caller to determine the type of subsampling used in a JPEG image.

[10] Added further protections against invalid Huffman codes.

1.0.1
[1] The Huffman decoder will now handle erroneous Huffman codes (for instance, from a corrupt JPEG image.) Previously, these would cause libjpeg-turbo to crash under certain circumstances.

[2] Fixed typo in SIMD dispatch routines that was causing 4:2:2 upsampling to be used instead of 4:2:0 when decompressing JPEG images using SSE2 code.

[3] configure script will now automatically determine whether the INCOMPLETE_TYPES_BROKEN macro should be defined.

1.0.0

[1] 2983700: Further FreeBSD build tweaks (no longer necessary to specify --host when configuring on a 64-bit system)

[2] Created symlinks in the Unix/Linux packages so that the TurboJPEG include file can always be found in /opt/libjpeg-turbo/include, the 32-bit static libraries can always be found in /opt/libjpeg-turbo/lib32, and the 64-bit static libraries can always be found in /opt/libjpeg-turbo/lib64.

[3] The Unix/Linux distribution packages now include the libjpeg run-time programs (cjpeg, etc.) and man pages.


[6] Include distribution package for Cygwin

[7] No longer necessary to specify --without-simd on non-x86 architectures, and unit tests now work on those architectures.

0.0.93

[1] 2982659, Fixed x86-64 build on FreeBSD systems

[2] 2988188: Added support for Windows 64-bit systems

0.0.91
[1] Added documentation to .deb packages

[2] 2968313: Fixed data corruption issues when decompressing large JPEG images and/or using buffered I/O with the libjpeg-turbo decompressor

0.0.90
======

Initial release

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/ChangeLog.txt
  No license file was found, but licenses were detected in source scan.

/*
 * jsimd_i386.c
 *
 * Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
 * Copyright 2009-2011 D. R. Commander
 *
 * Based on the x86 SIMD extension for IJG JPEG library,
 * Copyright (C) 1999-2006, MIYASAKA Masaru.
 * For conditions of distribution and use, see copyright notice in jsimdext.inc
 *
 * This file contains the interface between the "normal" portions
 * of the library and the SIMD implementations when running on a
 * 32-bit x86 architecture.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jsimd_i386.c
  No license file was found, but licenses were detected in source scan.

/*
 * jdmainct.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modifications:
 * Copyright (C) 2010, D. R. Commander.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the main buffer controller for decompression.
* The main buffer lies between the JPEG decompressor proper and the
* post-processor; it holds downsampled data in the JPEG colorspace.
*
* Note that this code is bypassed in raw-data mode, since the application
* supplies the equivalent of the main buffer in that case.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jdmainct.c

No license file was found, but licenses were detected in source scan.

/**
* jinclude.h
*
* Copyright (C) 1991-1994, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file exists to provide a single place to fix any problems with
* including the wrong system include files.  (Common problems are taken
* care of by the standard jconfig symbols, but on really weird systems
* you may have to edit this file.)
* 
* NOTE: this file is NOT intended to be included by applications using the
* JPEG library.  Most applications need only include jpeglib.h.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jinclude.h

No license file was found, but licenses were detected in source scan.

/**
* rdgif.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains routines to read input images in GIF format.
* 
* ......................................................................................................................................................
* NOTE: to avoid entanglements with Unisys' patent on LZW compression,    *
* the ability to read GIF files has been removed from the IJG distribution. *
* Sorry about that.
* ......................................................................................................................................................
*
We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of
CompuServe Incorporated. GIF(sm) is a Service Mark property of
CompuServe Incorporated."
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/rdgif.c
No license file was found, but licenses were detected in source scan.

/*
* simd/jsimd.h
*
* Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
* Copyright 2011 D. R. Commander
*
* Based on the x86 SIMD extension for IJG JPEG library,
* Copyright (C) 1999-2006, MIYASAKA Masaru.
* For conditions of distribution and use, see copyright notice in jsimdext.inc
*
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jsimd.h
No license file was found, but licenses were detected in source scan.

/*
* rdswitch.c
*
* This file was part of the Independent JPEG Group's software:
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* Modifications:
* Copyright (C) 2010, D. R. Commander.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains routines to process some of cjpeg's more complicated
* command-line switches. Switches processed here are:
* -qtables fileRead quantization tables from text file
* -scans fileRead scan script from text file
* -quality N[,N,...]Set quality ratings
* -qslots N[,N,...]Set component quantization table selectors
* -sample HxV[,HxV,...]Set component sampling factors
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
No license file was found, but licenses were detected in source scan.

; jcolsamp.inc - private declarations for color conversion & up/downsampling
;
; Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
;
; Based on
; x86 SIMD extension for IJG JPEG library
; Copyright (C) 1999-2006, MIYASAKA Masaru.
; For conditions of distribution and use, see copyright notice in jsimdext.inc
;
; [TAB8]

; ---------------------------------------------------------------------------

; pseudo-resisters to make ordering of RGB configurable
;
%if RGB_RED == 0
%define mmA mm0
%define mmB mm1
%define xmmA xmm0
%define xmmB xmm1
%elif RGB_GREEN == 0
%define mmA mm2
%define mmB mm3
%define xmmA xmm2
%define xmmB xmm3
%elif RGB_BLUE == 0
%define mmA mm4
%define mmB mm5
%define xmmA xmm4
%define xmmB xmm5
%else
%define mmA mm6
%define mmB mm7
%define xmmA xmm6
%define xmmB xmm7
%endif

%if RGB_RED == 1
%define mmC mm0
%define mmD mm1
%define xmmC xmm0
%define xmmD xmm1
%elif RGB_GREEN == 1
%define mmC mm2
%define mmD mm3
%define xmmC xmm2
%define xmmD xmm3
%else
%define mmC mm4
%define mmD mm5
%define xmmC xmm4
%define xmmD xmm5
%endif
%define mmD mm3
%define xmmC xmm2
%define xmmD xmm3
%elif RGB_BLUE == 1
%define mmC mm4
%define mmD mm5
%define xmmC xmm4
%define xmmD xmm5
%else
%define mmC mm6
%define mmD mm7
%define xmmC xmm6
%define xmmD xmm7
%endif

%if RGB_RED == 2
%define mmE mm0
%define mmF mm1
%define xmmE xmm0
%define xmmF xmm1
%elif RGB_GREEN == 2
%define mmE mm2
%define mmF mm3
%define xmmE xmm2
%define xmmF xmm3
%elif RGB_BLUE == 2
%define mmE mm4
%define mmF mm5
%define xmmE xmm4
%define xmmF xmm5
%else
%define mmE mm6
%define mmF mm7
%define xmmE xmm6
%define xmmF xmm7
%endif

%if RGB_RED == 3
%define mmG mm0
%define mmH mm1
%define xmmG xmm0
%define xmmH xmm1
%elif RGB_GREEN == 3
%define mmG mm2
%define mmH mm3
%define xmmG xmm2
%define xmmH xmm3
%elif RGB_BLUE == 3

Open Source Used In Data Center Network Manager 11 11.5(4) 28692

%define mmG mm4
%define mmH mm5
%define xmmG xmm4
%define xmmH xmm5
%else
%define mmG mm6
%define mmH mm7
%define xmmG xmm6
%define xmmH xmm7
%endif

; ------------------------------------------------------------------------

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jcolsamp.inc

No license file was found, but licenses were detected in source scan.

/*
 * wrtarga.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in Targa format.
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 *
 * Based on code contributed by Lee Daniel Crocker.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/wrtarga.c

No license file was found, but licenses were detected in source scan.

/ *
 * wrgif.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in GIF format.
NOTE: to avoid entanglements with Unisys' patent on LZW compression, this code has been modified to output "uncompressed GIF" files. There is no trace of the LZW algorithm in this file.

These routines may need modification for non-Unix environments or specialized applications. As they stand, they assume output to an ordinary stdio stream.

This code is loosely based on ppmgif from the PBMPLUS distribution of Feb. 1991. That file contains the following copyright notice:

Based on GIFENCODE by David Rowley <mgardi@watdscu.waterloo.edu>. Lempel-Ziv compression based on "compress" by Spencer W. Thomas et al. Copyright (C) 1989 by Jef Poskanzer.

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We are also required to state that

"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

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Modifications:
Copyright (C) 2010, D. R. Commander.
For conditions of distribution and use, see the accompanying README file.

This file describes how to use the IJG JPEG library within an application program. Read it if you want to write a program that uses the library.

The file example.c provides heavily commented skeleton code for calling the
JPEG library. Also see jpeglib.h (the include file to be used by application programs) for full details about data structures and function parameter lists. The library source code, of course, is the ultimate reference.

Note that there have been *major* changes from the application interface presented by IJG version 4 and earlier versions. The old design had several inherent limitations, and it had accumulated a lot of cruft as we added features while trying to minimize application-interface changes. We have sacrificed backward compatibility in the version 5 rewrite, but we think the improvements justify this.

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You should read at least the overview and basic usage sections before trying to program with the library. The sections on advanced features can be read if and when you need them.
OVERVIEW
========

Functions provided by the library
-------------------------------

The IJG JPEG library provides C code to read and write JPEG-compressed image files. The surrounding application program receives or supplies image data a scanline at a time, using a straightforward uncompressed image format. All details of color conversion and other preprocessing/postprocessing can be handled by the library.

The library includes a substantial amount of code that is not covered by the JPEG standard but is necessary for typical applications of JPEG. These functions preprocess the image before JPEG compression or postprocess it after decompression. They include colorspace conversion, downsampling/upsampling, and color quantization. The application indirectly selects use of this code by specifying the format in which it wishes to supply or receive image data. For example, if colormapped output is requested, then the decompression library automatically invokes color quantization.

A wide range of quality vs. speed tradeoffs are possible in JPEG processing, and even more so in decompression postprocessing. The decompression library provides multiple implementations that cover most of the useful tradeoffs, ranging from very-high-quality down to fast-preview operation. On the compression side we have generally not provided low-quality choices, since compression is normally less time-critical. It should be understood that the low-quality modes may not meet the JPEG standard's accuracy requirements; nonetheless, they are useful for viewers.

A word about functions *not* provided by the library. We handle a subset of the ISO JPEG standard; most baseline, extended-sequential, and progressive JPEG processes are supported. (Our subset includes all features now in common use.) Unsupported ISO options include:

* Hierarchical storage
* Lossless JPEG
* DNL marker
* Nonintegral subsampling ratios

We support both 8- and 12-bit data precision, but this is a compile-time choice rather than a run-time choice; hence it is difficult to use both precisions in a single application.

By itself, the library handles only interchange JPEG datastreams --- in particular the widely used JFIF file format. The library can be used by surrounding code to process interchange or abbreviated JPEG datastreams that are embedded in more complex file formats. (For example, this library is used by the free LIBTIFF library to support JPEG compression in TIFF.)
Outline of typical usage
------------------------

The rough outline of a JPEG compression operation is:

Allocate and initialize a JPEG compression object
Specify the destination for the compressed data (eg, a file)
Set parameters for compression, including image size & colorspace
jpeg_start_compress(...);
while (scan lines remain to be written)
jpeg_write_scanlines(...);
jpeg_finish_compress(...);
Release the JPEG compression object

A JPEG compression object holds parameters and working state for the JPEG library. We make creation/destruction of the object separate from starting or finishing compression of an image; the same object can be re-used for a series of image compression operations. This makes it easy to re-use the same parameter settings for a sequence of images. Re-use of a JPEG object also has important implications for processing abbreviated JPEG datastreams, as discussed later.

The image data to be compressed is supplied to jpeg_write_scanlines() from in-memory buffers. If the application is doing file-to-file compression, reading image data from the source file is the application's responsibility. The library emits compressed data by calling a "data destination manager", which typically will write the data into a file; but the application can provide its own destination manager to do something else.

Similarly, the rough outline of a JPEG decompression operation is:

Allocate and initialize a JPEG decompression object
Specify the source of the compressed data (eg, a file)
Call jpeg_read_header() to obtain image info
Set parameters for decompression
jpeg_start_decompress(...);
while (scan lines remain to be read)
jpeg_read_scanlines(...);
jpeg_finish_decompress(...);
Release the JPEG decompression object

This is comparable to the compression outline except that reading the datastream header is a separate step. This is helpful because information about the image's size, colorspace, etc is available when the application selects decompression parameters. For example, the application can choose an output scaling ratio that will fit the image into the available screen size.
The decompression library obtains compressed data by calling a data source manager, which typically will read the data from a file; but other behaviors can be obtained with a custom source manager. Decompressed data is delivered into in-memory buffers passed to jpeg_read_scanlines().

It is possible to abort an incomplete compression or decompression operation by calling jpeg_abort(); or, if you do not need to retain the JPEG object, simply release it by calling jpeg_destroy().

JPEG compression and decompression objects are two separate struct types. However, they share some common fields, and certain routines such as jpeg_destroy() can work on either type of object.

The JPEG library has no static variables: all state is in the compression or decompression object. Therefore it is possible to process multiple compression and decompression operations concurrently, using multiple JPEG objects.

Both compression and decompression can be done in an incremental memory-to-memory fashion, if suitable source/destination managers are used. See the section on "I/O suspension" for more details.

BASIC LIBRARY USAGE
===================

Data formats
------------

Before diving into procedural details, it is helpful to understand the image data format that the JPEG library expects or returns.

The standard input image format is a rectangular array of pixels, with each pixel having the same number of "component" or "sample" values (color channels). You must specify how many components there are and the colorspace interpretation of the components. Most applications will use RGB data (three components per pixel) or grayscale data (one component per pixel).

PLEASE NOTE THAT RGB DATA IS THREE SAMPLES PER PIXEL, GRAYSCALE ONLY ONE. A remarkable number of people manage to miss this, only to find that their programs don't work with grayscale JPEG files.

There is no provision for colormapped input. JPEG files are always full-color or full grayscale (or sometimes another colorspace such as CMYK). You can feed in a colormapped image by expanding it to full-color format. However JPEG often doesn't work very well with source data that has been colormapped, because of dithering noise. This is discussed in more detail in the JPEG FAQ and the other references mentioned in the README file.
Pixels are stored by scanlines, with each scanline running from left to right. The component values for each pixel are adjacent in the row; for example, R,G,B,R,G,B,R,G,B,... for 24-bit RGB color. Each scanline is an array of data type JSAMPLE --- which is typically "unsigned char", unless you've changed jmorecfg.h. (You can also change the RGB pixel layout, say to B,G,R order, by modifying jmorecfg.h. But see the restrictions listed in that file before doing so.)

A 2-D array of pixels is formed by making a list of pointers to the starts of scanlines; so the scanlines need not be physically adjacent in memory. Even if you process just one scanline at a time, you must make a one-element pointer array to conform to this structure. Pointers to JSAMPLE rows are of type JSAMPROW, and the pointer to the pointer array is of type JSAMPARRAY.

The library accepts or supplies one or more complete scanlines per call. It is not possible to process part of a row at a time. Scanlines are always processed top-to-bottom. You can process an entire image in one call if you have it all in memory, but usually it's simplest to process one scanline at a time.

For best results, source data values should have the precision specified by BITS_IN_JSAMPLE (normally 8 bits). For instance, if you choose to compress data that's only 6 bits/channel, you should left-justify each value in a byte before passing it to the compressor. If you need to compress data that has more than 8 bits/channel, compile with BITS_IN_JSAMPLE = 12. (See "Library compile-time options", later.)

The data format returned by the decompressor is the same in all details, except that colormapped output is supported. (Again, a JPEG file is never colormapped. But you can ask the decompressor to perform on-the-fly color quantization to deliver colormapped output.) If you request colormapped output then the returned data array contains a single JSAMPLE per pixel; its value is an index into a color map. The color map is represented as a 2-D JSAMPARRAY in which each row holds the values of one color component, that is, colormap[i][j] is the value of the i'th color component for pixel value (map index) j. Note that since the colormap indexes are stored in JSAMPLEs, the maximum number of colors is limited by the size of JSAMPLE (ie, at most 256 colors for an 8-bit JPEG library).

Compression details
-------------------

Here we revisit the JPEG compression outline given in the overview.

1. Allocate and initialize a JPEG compression object.
A JPEG compression object is a "struct jpeg_compress_struct". (It also has a bunch of subsidiary structures which are allocated via malloc(), but the application doesn’t control those directly.) This struct can be just a local variable in the calling routine, if a single routine is going to execute the whole JPEG compression sequence. Otherwise it can be static or allocated from malloc().

You will also need a structure representing a JPEG error handler. The part of this that the library cares about is a "struct jpeg_error_mgr". If you are providing your own error handler, you'll typically want to embed the jpeg_error_mgr struct in a larger structure; this is discussed later under "Error handling". For now we'll assume you are just using the default error handler. The default error handler will print JPEG error/warning messages on stderr, and it will call exit() if a fatal error occurs.

You must initialize the error handler structure, store a pointer to it into the JPEG object's "err" field, and then call jpeg_create_compress() to initialize the rest of the JPEG object.

Typical code for this step, if you are using the default error handler, is

```c
struct jpeg_compress_struct cinfo;
struct jpeg_error_mgr jerr;
...
cinfo.err = jpeg_std_error(&jerr);
jpeg_create_compress(&cinfo);
```

jpeg_create_compress allocates a small amount of memory, so it could fail if you are out of memory. In that case it will exit via the error handler; that's why the error handler must be initialized first.

2. Specify the destination for the compressed data (eg, a file).

As previously mentioned, the JPEG library delivers compressed data to a "data destination" module. The library includes one data destination module which knows how to write to a stdio stream. You can use your own destination module if you want to do something else, as discussed later.

If you use the standard destination module, you must open the target stdio stream beforehand. Typical code for this step looks like:

```c
FILE * outfile;
...
if ((outfile = fopen(filename, "wb")) == NULL) {
    fprintf(stderr, "can't open %s\n", filename);
    exit(1);
}
```
jpeg_stdio_dest(&cinfo, outfile);

where the last line invokes the standard destination module.

WARNING: it is critical that the binary compressed data be delivered to the output file unchanged. On non-Unix systems the stdio library may perform newline translation or otherwise corrupt binary data. To suppress this behavior, you may need to use a "b" option to fopen (as shown above), or use setmode() or another routine to put the stdio stream in binary mode. See cjpeg.c and djpeg.c for code that has been found to work on many systems.

You can select the data destination after setting other parameters (step 3), if that's more convenient. You may not change the destination between calling jpeg_start_compress() and jpeg_finish_compress().

3. Set parameters for compression, including image size & colorspace.

You must supply information about the source image by setting the following fields in the JPEG object (cinfo structure):

image_width	Width of image, in pixels
image_height	Height of image, in pixels
input_components	Number of color channels (samples per pixel)
in_color_space	Color space of source image

The image dimensions are, hopefully, obvious. JPEG supports image dimensions of 1 to 64K pixels in either direction. The input color space is typically RGB or grayscale, and input_components is 3 or 1 accordingly. (See "Special color spaces", later, for more info.) The in_color_space field must be assigned one of the J_COLOR_SPACE enum constants, typically JCS_RGB or JCS_GRAYSCALE.

JPEG has a large number of compression parameters that determine how the image is encoded. Most applications don't need or want to know about all these parameters. You can set all the parameters to reasonable defaults by calling jpeg_set_defaults(); then, if there are particular values you want to change, you can do so after that. The "Compression parameter selection" section tells about all the parameters.

You must set in_color_space correctly before calling jpeg_set_defaults(), because the defaults depend on the source image colorspace. However the other three source image parameters need not be valid until you call jpeg_start_compress(). There's no harm in calling jpeg_set_defaults() more than once, if that happens to be convenient.

Typical code for a 24-bit RGB source image is
cinfo.image_width = Width; /* image width and height, in pixels */
cinfo.image_height = Height;
cinfo.input_components = 3; /* # of color components per pixel */
cinfo.in_color_space = JCS_RGB; /* colorspace of input image */

jpeg_set_defaults(&cinfo);
/* Make optional parameter settings here */

4. jpeg_start_compress(...);

After you have established the data destination and set all the necessary source image info and other parameters, call jpeg_start_compress() to begin a compression cycle. This will initialize internal state, allocate working storage, and emit the first few bytes of the JPEG datastream header.

Typical code:

jpeg_start_compress(&cinfo, TRUE);

The "TRUE" parameter ensures that a complete JPEG interchange datastream will be written. This is appropriate in most cases. If you think you might want to use an abbreviated datastream, read the section on abbreviated datastreams, below.

Once you have called jpeg_start_compress(), you may not alter any JPEG parameters or other fields of the JPEG object until you have completed the compression cycle.

5. while (scan lines remain to be written)
jpeg_write_scanlines(...);

Now write all the required image data by calling jpeg_write_scanlines() one or more times. You can pass one or more scanlines in each call, up to the total image height. In most applications it is convenient to pass just one or a few scanlines at a time. The expected format for the passed data is discussed under "Data formats", above.

Image data should be written in top-to-bottom scanline order. The JPEG spec contains some weasel wording about how top and bottom are application-defined terms (a curious interpretation of the English language...) but if you want your files to be compatible with everyone else's, you WILL use top-to-bottom order. If the source data must be read in bottom-to-top order, you can use the JPEG library's virtual array mechanism to invert the data efficiently. Examples of this can be found in the sample application cjpeg.

The library maintains a count of the number of scanlines written so far
in the next_scanline field of the JPEG object. Usually you can just use this variable as the loop counter, so that the loop test looks like "while (cinfo.next_scanline < cinfo.image_height)".

Code for this step depends heavily on the way that you store the source data. example.c shows the following code for the case of a full-size 2-D source array containing 3-byte RGB pixels:

```c
JSAMPROW row_pointer[1]; /* pointer to a single row */
int row_stride;/* physical row width in buffer */

row_stride = image_width * 3; /* JSAMPLEs per row in image_buffer */

while (cinfo.next_scanline < cinfo.image_height) {
    row_pointer[0] = & image_buffer[cinfo.next_scanline * row_stride];
    jpeg_write_scanlines(&cinfo, row_pointer, 1);
}
```

jpeg_write_scanlines() returns the number of scanlines actually written. This will normally be equal to the number passed in, so you can usually ignore the return value. It is different in just two cases:
* If you try to write more scanlines than the declared image height, the additional scanlines are ignored.
* If you use a suspending data destination manager, output buffer overrun will cause the compressor to return before accepting all the passed lines.

This feature is discussed under "I/O suspension", below. The normal stdio destination manager will NOT cause this to happen.

In any case, the return value is the same as the change in the value of next_scanline.

6. jpeg_finish_compress(...);

After all the image data has been written, call jpeg_finish_compress() to complete the compression cycle. This step is ESSENTIAL to ensure that the last bufferload of data is written to the data destination.

jpeg_finish_compress() also releases working memory associated with the JPEG object.

Typical code:

```
jpeg_finish_compress(&cinfo);
```

If using the stdio destination manager, don't forget to close the output stdio stream (if necessary) afterwards.

If you have requested a multi-pass operating mode, such as Huffman code optimization, jpeg_finish_compress() will perform the additional passes using
data buffered by the first pass. In this case jpeg_finish_compress() may take quite a while to complete. With the default compression parameters, this will not happen.

It is an error to call jpeg_finish_compress() before writing the necessary total number of scanlines. If you wish to abort compression, call jpeg_abort() as discussed below.

After completing a compression cycle, you may dispose of the JPEG object as discussed next, or you may use it to compress another image. In that case return to step 2, 3, or 4 as appropriate. If you do not change the destination manager, the new datastream will be written to the same target. If you do not change any JPEG parameters, the new datastream will be written with the same parameters as before. Note that you can change the input image dimensions freely between cycles, but if you change the input colorspace, you should call jpeg_set_defaults() to adjust for the new colorspace; and then you'll need to repeat all of step 3.

7. Release the JPEG compression object.

When you are done with a JPEG compression object, destroy it by calling jpeg_destroy_compress(). This will free all subsidiary memory (regardless of the previous state of the object). Or you can call jpeg_destroy(), which works for either compression or decompression objects --- this may be more convenient if you are sharing code between compression and decompression cases. (Actually, these routines are equivalent except for the declared type of the passed pointer. To avoid gripes from ANSI C compilers, jpeg_destroy() should be passed a j_common_ptr.)

If you allocated the jpeg_compress_struct structure from malloc(), freeing it is your responsibility --- jpeg_destroy() won't. Ditto for the error handler structure.

Typical code:

jpeg_destroy_compress(&cinfo);

8. Aborting.

If you decide to abort a compression cycle before finishing, you can clean up in either of two ways:

* If you don't need the JPEG object any more, just call jpeg_destroy_compress() or jpeg_destroy() to release memory. This is legitimate at any point after calling jpeg_create_compress() --- in fact, it's safe even if jpeg_create_compress() fails.
If you want to re-use the JPEG object, call jpeg_abort_compress(), or call jpeg_abort() which works on both compression and decompression objects. This will return the object to an idle state, releasing any working memory. jpeg_abort() is allowed at any time after successful object creation.

Note that cleaning up the data destination, if required, is your responsibility; neither of these routines will call term_destination(). (See "Compressed data handling", below, for more about that.)

jpeg_destroy() and jpeg_abort() are the only safe calls to make on a JPEG object that has reported an error by calling error_exit (see "Error handling" for more info). The internal state of such an object is likely to be out of whack. Either of these two routines will return the object to a known state.

Decompression details
----------------------

Here we revisit the JPEG decompression outline given in the overview.

1. Allocate and initialize a JPEG decompression object.

   This is just like initialization for compression, as discussed above, except that the object is a "struct jpeg_decompress_struct" and you call jpeg_create_decompress(). Error handling is exactly the same.

   Typical code:

   ```c
   struct jpeg_decompress_struct cinfo;
   struct jpeg_error_mgr jerr;
   ...
   cinfo.err = jpeg_std_error(&jerr);
   jpeg_create_decompress(&cinfo);
   ```

   (Both here and in the IJG code, we usually use variable name "cinfo" for both compression and decompression objects.)

2. Specify the source of the compressed data (eg, a file).

   As previously mentioned, the JPEG library reads compressed data from a "data source" module. The library includes one data source module which knows how to read from a stdio stream. You can use your own source module if you want to do something else, as discussed later.

   If you use the standard source module, you must open the source stdio stream beforehand. Typical code for this step looks like:
FILE * infile;
...
if ((infile = fopen(filename, "rb")) == NULL) {
    fprintf(stderr, "can't open %s\n", filename);
    exit(1);
}
jpeg_stdio_src(&cinfo, infile);

where the last line invokes the standard source module.

WARNING: it is critical that the binary compressed data be read unchanged. On non-Unix systems the stdio library may perform newline translation or otherwise corrupt binary data. To suppress this behavior, you may need to use a "b" option to fopen (as shown above), or use setmode() or another routine to put the stdio stream in binary mode. See cjpeg.c and djpeg.c for code that has been found to work on many systems.

You may not change the data source between calling jpeg_read_header() and jpeg_finish_decompress(). If you wish to read a series of JPEG images from a single source file, you should repeat the jpeg_read_header() to jpeg_finish_decompress() sequence without reinitializing either the JPEG object or the data source module; this prevents buffered input data from being discarded.

3. Call jpeg_read_header() to obtain image info.

Typical code for this step is just

jpeg_read_header(&cinfo, TRUE);

This will read the source datastream header markers, up to the beginning of the compressed data proper. On return, the image dimensions and other info have been stored in the JPEG object. The application may wish to consult this information before selecting decompression parameters.

More complex code is necessary if
* A suspending data source is used --- in that case jpeg_read_header() may return before it has read all the header data. See "I/O suspension", below. The normal stdio source manager will NOT cause this to happen.
* Abbreviated JPEG files are to be processed --- see the section on abbreviated datastreams. Standard applications that deal only in interchange JPEG files need not be concerned with this case either.

It is permissible to stop at this point if you just wanted to find out the image dimensions and other header info for a JPEG file. In that case, call jpeg_destroy() when you are done with the JPEG object, or call
jpeg_abort() to return it to an idle state before selecting a new data source and reading another header.

4. Set parameters for decompression.

jpeg_read_header() sets appropriate default decompression parameters based on the properties of the image (in particular, its colorspace). However, you may well want to alter these defaults before beginning the decompression. For example, the default is to produce full color output from a color file. If you want colormapped output you must ask for it. Other options allow the returned image to be scaled and allow various speed/quality tradeoffs to be selected. "Decompression parameter selection", below, gives details.

If the defaults are appropriate, nothing need be done at this step.

Note that all default values are set by each call to jpeg_read_header(). If you reuse a decompression object, you cannot expect your parameter settings to be preserved across cycles, as you can for compression. You must set desired parameter values each time.

5. jpeg_start_decompress(...);

Once the parameter values are satisfactory, call jpeg_start_decompress() to begin decompression. This will initialize internal state, allocate working memory, and prepare for returning data.

Typical code is just

jpeg_start_decompress(&cinfo);

If you have requested a multi-pass operating mode, such as 2-pass color quantization, jpeg_start_decompress() will do everything needed before data output can begin. In this case jpeg_start_decompress() may take quite a while to complete. With a single-scan (non progressive) JPEG file and default decompression parameters, this will not happen; jpeg_start_decompress() will return quickly.

After this call, the final output image dimensions, including any requested scaling, are available in the JPEG object; so is the selected colormap, if colormapped output has been requested. Useful fields include

- output_width: image width and height, as scaled
- output_height
- out_color_components: # of color components in out_color_space
- output_components: # of color components returned per pixel
- colormap: the selected colormap, if any
actual_number_of_colors: number of entries in colormap

output_components is 1 (a colormap index) when quantizing colors; otherwise it
equals out_color_components. It is the number of JSAMPLE values that will be
emitted per pixel in the output arrays.

Typically you will need to allocate data buffers to hold the incoming image.
You will need output_width * output_components JSAMPLEs per scanline in your
output buffer, and a total of output_height scanlines will be returned.

Note: if you are using the JPEG library's internal memory manager to allocate
data buffers (as djpeg does), then the manager's protocol requires that you
request large buffers *before* calling jpeg_start_decompress(). This is a
little tricky since the output_XXX fields are not normally valid then. You
can make them valid by calling jpeg_calc_output_dimensions() after setting the
relevant parameters (scaling, output color space, and quantization flag).

6. while (scan lines remain to be read)
   jpeg_read_scanlines(...);

Now you can read the decompressed image data by calling jpeg_read_scanlines()
one or more times. At each call, you pass in the maximum number of scanlines
to be read (ie, the height of your working buffer); jpeg_read_scanlines()
will return up to that many lines. The return value is the number of lines
actually read. The format of the returned data is discussed under "Data
formats", above. Don't forget that grayscale and color JPEGs will return
different data formats!

Image data is returned in top-to-bottom scanline order. If you must write
out the image in bottom-to-top order, you can use the JPEG library's virtual
array mechanism to invert the data efficiently. Examples of this can be
found in the sample application djpeg.

The library maintains a count of the number of scanlines returned so far
in the output_scanline field of the JPEG object. Usually you can just use
this variable as the loop counter, so that the loop test looks like
"while (cinfo.output_scanline < cinfo.output_height)". (Note that the test
should NOT be against image_height, unless you never use scaling. The
image_height field is the height of the original unscaled image.)
The return value always equals the change in the value of output_scanline.

If you don't use a suspending data source, it is safe to assume that
jpeg_read_scanlines() reads at least one scanline per call, until the
bottom of the image has been reached.

If you use a buffer larger than one scanline, it is NOT safe to assume that
jpeg_read_scanlines() fills it. (The current implementation returns only a
few scanlines per call, no matter how large a buffer you pass.) So you must always provide a loop that calls jpeg_read_scanlines() repeatedly until the whole image has been read.

7. jpeg_finish_decompress(...);

After all the image data has been read, call jpeg_finish_decompress() to complete the decompression cycle. This causes working memory associated with the JPEG object to be released.

Typical code:

```
jpeg_finish_decompress(&cinfo);
```

If using the stdio source manager, don't forget to close the source stdio stream if necessary.

It is an error to call jpeg_finish_decompress() before reading the correct total number of scanlines. If you wish to abort decompression, call jpeg_abort() as discussed below.

After completing a decompression cycle, you may dispose of the JPEG object as discussed next, or you may use it to decompress another image. In that case return to step 2 or 3 as appropriate. If you do not change the source manager, the next image will be read from the same source.

8. Release the JPEG decompression object.

When you are done with a JPEG decompression object, destroy it by calling jpeg_destroy_decompress() or jpeg_destroy(). The previous discussion of destroying compression objects applies here too.

Typical code:

```
jpeg_destroy_decompress(&cinfo);
```


You can abort a decompression cycle by calling jpeg_destroy_decompress() or jpeg_destroy() if you don't need the JPEG object any more, or jpeg_abort_decompress() or jpeg_abort() if you want to reuse the object. The previous discussion of aborting compression cycles applies here too.

Mechanics of usage: include files, linking, etc
Applications using the JPEG library should include the header file jpeglib.h to obtain declarations of data types and routines. Before including jpeglib.h, include system headers that define at least the typedefs FILE and size_t. On ANSI-conforming systems, including <stdio.h> is sufficient; on older Unix systems, you may need <sys/types.h> to define size_t.

If the application needs to refer to individual JPEG library error codes, also include jerror.h to define those symbols.

jpeglib.h indirectly includes the files jconfig.h and jmorecfg.h. If you are installing the JPEG header files in a system directory, you will want to install all four files: jpeglib.h, jerror.h, jconfig.h, jmorecfg.h.

The most convenient way to include the JPEG code into your executable program is to prepare a library file ("libjpeg.a", or a corresponding name on non-Unix machines) and reference it at your link step. If you use only half of the library (only compression or only decompression), only that much code will be included from the library, unless your linker is hopelessly brain-damaged. The supplied makefiles build libjpeg.a automatically (see install.txt).

While you can build the JPEG library as a shared library if the whim strikes you, we don't really recommend it. The trouble with shared libraries is that at some point you'll probably try to substitute a new version of the library without recompiling the calling applications. That generally doesn't work because the parameter struct declarations usually change with each new version. In other words, the library's API is *not* guaranteed binary compatible across versions; we only try to ensure source-code compatibility. (In hindsight, it might have been smarter to hide the parameter structs from applications and introduce a ton of access functions instead. Too late now, however.)

On some systems your application may need to set up a signal handler to ensure that temporary files are deleted if the program is interrupted. This is most critical if you are on MS-DOS and use the jmemdos.c memory manager back end; it will try to grab extended memory for temp files, and that space will NOT be freed automatically. See cjpeg.c or djpeg.c for an example signal handler.

It may be worth pointing out that the core JPEG library does not actually require the stdio library: only the default source/destination managers and error handler need it. You can use the library in a stdio-less environment if you replace those modules and use jmemnobs.c (or another memory manager of your own devising). More info about the minimum system library requirements may be found in jinclude.h.

ADVANCED FEATURES
Compression parameter selection

This section describes all the optional parameters you can set for JPEG compression, as well as the "helper" routines provided to assist in this task. Proper setting of some parameters requires detailed understanding of the JPEG standard; if you don't know what a parameter is for, it's best not to mess with it! See REFERENCES in the README file for pointers to more info about JPEG.

It's a good idea to call jpeg_set_defaults() first, even if you plan to set all the parameters; that way your code is more likely to work with future JPEG libraries that have additional parameters. For the same reason, we recommend you use a helper routine where one is provided, in preference to twiddling cinfo fields directly.

The helper routines are:

jpeg_set_defaults (j_compress_ptr cinfo)
This routine sets all JPEG parameters to reasonable defaults, using only the input image's color space (field in_color_space, which must already be set in cinfo). Many applications will only need to use this routine and perhaps jpeg_set_quality().

jpeg_set_colorspace (j_compress_ptr cinfo, J_COLOR_SPACE colorspace)
Sets the JPEG file's colorspace (field jpeg_color_space) as specified, and sets other color-space-dependent parameters appropriately. See "Special color spaces", below, before using this. A large number of parameters, including all per-component parameters, are set by this routine; if you want to twiddle individual parameters you should call jpeg_set_colorspace() before rather than after.

jpeg_default_colorspace (j_compress_ptr cinfo)
Selects an appropriate JPEG colorspace based on cinfo->in_color_space, and calls jpeg_set_colorspace(). This is actually a subroutine of jpeg_set_defaults(). It's broken out in case you want to change just the colorspace-dependent JPEG parameters.

jpeg_set_quality (j_compress_ptr cinfo, int quality, boolean force_baseline)
Constructs JPEG quantization tables appropriate for the indicated quality setting. The quality value is expressed on the 0..100 scale recommended by IJG (cjpeg's "-quality" switch uses this routine). Note that the exact mapping from quality values to tables may change in future IJG releases as more is learned about DCT quantization. If the force_baseline parameter is TRUE, then the quantization table entries are constrained to the range 1..255 for full JPEG baseline
compatibility. In the current implementation, this only makes a
difference for quality settings below 25, and it effectively prevents
very small/low quality files from being generated. The IJG decoder
is capable of reading the non-baseline files generated at low quality
settings when force_baseline is FALSE, but other decoders may not be.

jpeg_set_linear_quality (j_compress_ptr cinfo, int scale_factor,
   boolean force_baseline)
Same as jpeg_set_quality() except that the generated tables are the
sample tables given in the JPEC spec section K.1, multiplied by the
specified scale factor (which is expressed as a percentage; thus
scale_factor = 100 reproduces the spec's tables). Note that larger
scale factors give lower quality. This entry point is useful for
conforming to the Adobe PostScript DCT conventions, but we do not
recommend linear scaling as a user-visible quality scale otherwise.
force_baseline again constrains the computed table entries to 1..255.

int jpeg_quality_scaling (int quality)
Converts a value on the IJG-recommended quality scale to a linear
scaling percentage. Note that this routine may change or go away
in future releases --- IJG may choose to adopt a scaling method that
can't be expressed as a simple scalar multiplier, in which case the
premise of this routine collapses. Caveat user.

jpeg_default_qtables (j_compress_ptr cinfo, boolean force_baseline)
[libjpeg v7+ API/ABI emulation only]
Set default quantization tables with linear q_scale_factor[] values
(see below).

jpeg_add_quant_table (j_compress_ptr cinfo, int which_tbl,
   const unsigned int *basic_table,
   int scale_factor, boolean force_baseline)
Allows an arbitrary quantization table to be created. which_tbl
indicates which table slot to fill. basic_table points to an array
of 64 unsigned ints given in normal array order. These values are
multiplied by scale_factor/100 and then clamped to the range 1..65535
(or to 1..255 if force_baseline is TRUE).
CAUTION: prior to library version 6a, jpeg_add_quant_table expected
the basic table to be given in JPEG zigzag order. If you need to
write code that works with either older or newer versions of this
routine, you must check the library version number. Something like
"#if JPEG_LIB_VERSION >= 61" is the right test.

jpeg_simple_progression (j_compress_ptr cinfo)
Generates a default scan script for writing a progressive-JPEG file.
This is the recommended method of creating a progressive file,
unless you want to make a custom scan sequence. You must ensure that
the JPEG color space is set correctly before calling this routine.
Compression parameters (cinfo fields) include:

**J_DCT_METHOD dct_method**
Selects the algorithm used for the DCT step. Choices are:
- JDCT_ISLOW: slow but accurate integer algorithm
- JDCT_IFAST: faster, less accurate integer method
- JDCT_FLOAT: floating-point method
- JDCT_DEFAULT: default method (normally JDCT_ISLOW)
- JDCT_FASTEST: fastest method (normally JDCT_IFAST)
The FLOAT method is very slightly more accurate than the ISLOW method, but may give different results on different machines due to varying roundoff behavior. The integer methods should give the same results on all machines. On machines with sufficiently fast FP hardware, the floating-point method may also be the fastest. The IFAST method is considerably less accurate than the other two; its use is not recommended if high quality is a concern. JDCT_DEFAULT and JDCT_FASTEST are macros configurable by each installation.

**J_COLOR_SPACE jpeg_color_space**
int num_components
The JPEG color space and corresponding number of components; see "Special color spaces", below, for more info. We recommend using jpeg_set_color_space() if you want to change these.

boolean optimize_coding
TRUE causes the compressor to compute optimal Huffman coding tables for the image. This requires an extra pass over the data and therefore costs a good deal of space and time. The default is FALSE, which tells the compressor to use the supplied or default Huffman tables. In most cases optimal tables save only a few percent of file size compared to the default tables. Note that when this is TRUE, you need not supply Huffman tables at all, and any you do supply will be overwritten.

unsigned int restart_interval
int restart_in_rows
To emit restart markers in the JPEG file, set one of these nonzero. Set restart_interval to specify the exact interval in MCU blocks. Set restart_in_rows to specify the interval in MCU rows. (If restart_in_rows is not 0, then restart_interval is set after the image width in MCUs is computed.) Defaults are zero (no restarts). One restart marker per MCU row is often a good choice. NOTE: the overhead of restart markers is higher in grayscale JPEG files than in color files, and MUCH higher in progressive JPEGs. If you use restarts, you may want to use larger intervals in those cases.
const jpeg_scan_info * scan_info
int num_scans
By default, scan_info is NULL; this causes the compressor to write a
single-scan sequential JPEG file. If not NULL, scan_info points to
an array of scan definition records of length num_scans. The
compressor will then write a JPEG file having one scan for each scan
definition record. This is used to generate noninterleaved or
progressive JPEG files. The library checks that the scan array
defines a valid JPEG scan sequence. (jpeg_simple_progression creates
a suitable scan definition array for progressive JPEG.) This is
discussed further under "Progressive JPEG support".

int smoothing_factor
If non-zero, the input image is smoothed; the value should be 1 for
minimal smoothing to 100 for maximum smoothing. Consult jcsample.c
for details of the smoothing algorithm. The default is zero.

boolean write_JFIF_header
If TRUE, a JFIF APP0 marker is emitted. jpeg_set_defaults() and
jpeg_set_colorspace() set this TRUE if a JFIF-legal JPEG color space
(ie, YCbCr or grayscale) is selected, otherwise FALSE.

UINT8 JFIF_major_version
UINT8 JFIF_minor_version
The version number to be written into the JFIF marker.
jpeg_set_defaults() initializes the version to 1.01 (major=minor=1).
You should set it to 1.02 (major=1, minor=2) if you plan to write
any JFIF 1.02 extension markers.

UINT8 density_unit
UINT16 X_density
UINT16 Y_density
The resolution information to be written into the JFIF marker;
not used otherwise. density_unit may be 0 for unknown,
1 for dots/inch, or 2 for dots/cm. The default values are 0,1,1
indicating square pixels of unknown size.

boolean write_Adobe_marker
If TRUE, an Adobe APP14 marker is emitted. jpeg_set_defaults() and
jpeg_set_colorspace() set this TRUE if JPEG color space RGB, CMYK,
or YCCK is selected, otherwise FALSE. It is generally a bad idea
to set both write_JFIF_header and write_Adobe_marker. In fact,
you probably shouldn't change the default settings at all --- the
default behavior ensures that the JPEG file's color space can be
recognized by the decoder.

JQUANT_TBL * quant_tbl_ptrs[NUM_QUANT_TBLS]
Pointers to coefficient quantization tables, one per table slot, or NULL if no table is defined for a slot. Usually these should be set via one of the above helper routines; jpeg_add_quant_table() is general enough to define any quantization table. The other routines will set up table slot 0 for luminance quality and table slot 1 for chrominance.

int q_scale_factor[NUM_QUANT_TBLS]

[libjpeg v7+ API/ABI emulation only]
Linear quantization scaling factors (0-100, default 100) for use with jpeg_default_qtables(). See rdswitch.c and cjpeg.c for an example of usage.

Note that the q_scale_factor[] values use "linear" scales, so JPEG quality levels chosen by the user must be converted to these scales using jpeg_quality_scaling(). Here is an example that corresponds to cjpeg -quality 90,70:

jpeg_set_defaults(cinfo);

/* Set luminance quality 90. */
cinfo->q_scale_factor[0] = jpeg_quality_scaling(90);
/* Set chrominance quality 70. */
cinfo->q_scale_factor[1] = jpeg_quality_scaling(70);

jpeg_default_qtables(cinfo, force_baseline);

CAUTION: Setting separate quality levels for chrominance and luminance is mainly only useful if chrominance subsampling is disabled. 2x2 chrominance subsampling (AKA "4:2:0") is the default, but you can explicitly disable subsampling as follows:

cinfo->comp_info[0].v_samp_factor = 1;
cinfo->comp_info[0].h_samp_factor = 1;

JHUFF_TBL * dc_huff_tbl_ptrs[NUM_HUFF_TBLS]
JHUFF_TBL * ac_huff_tbl_ptrs[NUM_HUFF_TBLS]
Pointers to Huffman coding tables, one per table slot, or NULL if no table is defined for a slot. Slots 0 and 1 are filled with the JPEG sample tables by jpeg_set_defaults(). If you need to allocate more table structures, jpeg_alloc_huff_table() may be used.

Note that optimal Huffman tables can be computed for an image by setting optimize_coding, as discussed above; there's seldom any need to mess with providing your own Huffman tables.

[libjpeg v7+ API/ABI emulation only]
The actual dimensions of the JPEG image that will be written to the file are given by the following fields. These are computed from the input image
dimensions and the compression parameters by jpeg_start_compress(). You can also call jpeg_calc_jpeg_dimensions() to obtain the values that will result from the current parameter settings. This can be useful if you are trying to pick a scaling ratio that will get close to a desired target size.

JDIMENSION jpeg_width
Actual dimensions of output image.

JDIMENSION jpeg_height

Per-component parameters are stored in the struct cinfo.comp_info[i] for component number i. Note that components here refer to components of the JPEG color space, *not* the source image color space. A suitably large comp_info[] array is allocated by jpeg_set_defaults(); if you choose not to use that routine, it's up to you to allocate the array.

int component_id
The one-byte identifier code to be recorded in the JPEG file for this component. For the standard color spaces, we recommend you leave the default values alone.

int h_samp_factor
int v_samp_factor
Horizontal and vertical sampling factors for the component; must be 1..4 according to the JPEG standard. Note that larger sampling factors indicate a higher-resolution component; many people find this behavior quite unintuitive. The default values are 2,2 for luminance components and 1,1 for chrominance components, except for grayscale where 1,1 is used.

int quant_tbl_no
Quantization table number for component. The default value is 0 for luminance components and 1 for chrominance components.

int dc_tbl_no
int ac_tbl_no
DC and AC entropy coding table numbers. The default values are 0 for luminance components and 1 for chrominance components.

int component_index
Must equal the component's index in comp_info[]. (Beginning in release v6, the compressor library will fill this in automatically; you don't have to.)

Decompression parameter selection
----------------------------------

Decompression parameter selection is somewhat simpler than compression
parameter selection, since all of the JPEG internal parameters are
recorded in the source file and need not be supplied by the application.
(Unless you are working with abbreviated files, in which case see
"Abbreviated datastreams", below.) Decompression parameters control
the postprocessing done on the image to deliver it in a format suitable
for the application’s use. Many of the parameters control speed/quality
tradeoffs, in which faster decompression may be obtained at the price of
a poorer-quality image. The defaults select the highest quality (slowest)
processing.

The following fields in the JPEG object are set by jpeg_read_header() and
may be useful to the application in choosing decompression parameters:

**JDIMENSION image_width**
- Width and height of image

**JDIMENSION image_height**

**int num_components**
- Number of color components

**J_COLOR_SPACE jpeg_color_space**
- Colorspace of image

**boolean saw_JFIF_marker**
- TRUE if a JFIF APP0 marker was seen

**UINT8 JFIF_major_version**
- Version information from JFIF marker

**UINT8 JFIF_minor_version**

**UINT8 density_unit**
- Resolution data from JFIF marker

**UINT16 X_density**

**UINT16 Y_density**

**boolean saw_Adobe_marker**
- TRUE if an Adobe APP14 marker was seen

**UINT8 Adobe_transform**
- Color transform code from Adobe marker

The JPEG color space, unfortunately, is something of a guess since the JPEG
standard proper does not provide a way to record it. In practice most files
adhere to the JFIF or Adobe conventions, and the decoder will recognize these
correctly. See "Special color spaces", below, for more info.

The decompression parameters that determine the basic properties of the
returned image are:

**J_COLOR_SPACE out_color_space**
- Output color space. jpeg_read_header() sets an appropriate default
  based on jpeg_color_space; typically it will be RGB or grayscale.
The application can change this field to request output in a different
colorspace. For example, set it to JCS_GRAYSCALE to get grayscale
output from a color file. (This is useful for previewing: grayscale
output is faster than full color since the color components need not
be processed.) Note that not all possible color space transforms are
currently implemented; you may need to extend jdcolor.c if you want an
unusual conversion.

**unsigned int scale_num, scale_denom**
- Scale the image by the fraction scale_num/scale_denom. Default is
1/1, or no scaling. Currently, the only supported scaling ratios are M/8 with all M from 1 to 16, or any reduced fraction thereof (such as 1/2, 3/4, etc.) (The library design allows for arbitrary scaling ratios but this is not likely to be implemented any time soon.) Smaller scaling ratios permit significantly faster decoding since fewer pixels need be processed and a simpler IDCT method can be used.

boolean quantize_colors
If set TRUE, colormapped output will be delivered. Default is FALSE, meaning that full-color output will be delivered.

The next three parameters are relevant only if quantize_colors is TRUE.

int desired_number_of_colors
Maximum number of colors to use in generating a library-supplied color map (the actual number of colors is returned in a different field). Default 256. Ignored when the application supplies its own color map.

boolean two_pass_quantize
If TRUE, an extra pass over the image is made to select a custom color map for the image. This usually looks a lot better than the one-size-fits-all colormap that is used otherwise. Default is TRUE. Ignored when the application supplies its own color map.

J_DITHER_MODE dither_mode
Selects color dithering method. Supported values are:
J_DITHER_NONE no dithering: fast, very low quality
J_DITHER_ORDERED ordered dither: moderate speed and quality
J_DITHER_FS Floyd-Steinberg dither: slow, high quality
Default is J_DITHER_FS. (At present, ordered dither is implemented only in the single-pass, standard-colormap case. If you ask for ordered dither when two_pass_quantize is TRUE or when you supply an external color map, you'll get F-S dithering.)

When quantize_colors is TRUE, the target color map is described by the next two fields. colormap is set to NULL by jpeg_read_header(). The application can supply a color map by setting colormap non-NULL and setting actual_number_of_colors to the map size. Otherwise, jpeg_start_decompress() selects a suitable color map and sets these two fields itself. [Implementation restriction: at present, an externally supplied colormap is only accepted for 3-component output color spaces.]

JSAMPARRAY colormap
The color map, represented as a 2-D pixel array of out_color_components rows and actual_number_of_colors columns. Ignored if not quantizing.

CAUTION: if the JPEG library creates its own colormap, the storage pointed to by this field is released by jpeg_finish_decompress(). Copy the colormap somewhere else first, if you want to save it.
int actual_number_of_colors
The number of colors in the color map.

Additional decompression parameters that the application may set include:

J_DCT_METHOD dct_method
Selects the algorithm used for the DCT step. Choices are the same as described above for compression.

boolean do_fancy_upsampling
If TRUE, do careful upsampling of chroma components. If FALSE, a faster but sloppier method is used. Default is TRUE. The visual impact of the sloppier method is often very small.

boolean do_block_smoothing
If TRUE, interblock smoothing is applied in early stages of decoding progressive JPEG files; if FALSE, not. Default is TRUE. Early progression stages look "fuzzy" with smoothing, "blocky" without. In any case, block smoothing ceases to be applied after the first few AC coefficients are known to full accuracy, so it is relevant only when using buffered-image mode for progressive images.

boolean enable_1pass_quant
boolean enable_external_quant
boolean enable_2pass_quant
These are significant only in buffered-image mode, which is described in its own section below.

The output image dimensions are given by the following fields. These are computed from the source image dimensions and the decompression parameters by jpeg_start_decompress(). You can also call jpeg_calc_output_dimensions() to obtain the values that will result from the current parameter settings. This can be useful if you are trying to pick a scaling ratio that will get close to a desired target size. It's also important if you are using the JPEG library's memory manager to allocate output buffer space, because you are supposed to request such buffers *before* jpeg_start_decompress().

JDIMENSION output_width Actual dimensions of output image.
JDIMENSION output_height
int out_color_components Number of color components in out_color_space.
int output_components Number of color components returned.
int rec_outbuf_height Recommended height of scanline buffer.

When quantizing colors, output_components is 1, indicating a single color map index per pixel. Otherwise it equals out_color_components. The output arrays are required to be output_width * output_components JSAMPLEs wide.
rec_outbuf_height is the recommended minimum height (in scanlines) of the buffer passed to jpeg_read_scanlines(). If the buffer is smaller, the library will still work, but time will be wasted due to unnecessary data copying. In high-quality modes, rec_outbuf_height is always 1, but some faster, lower-quality modes set it to larger values (typically 2 to 4). If you are going to ask for a high-speed processing mode, you may as well go to the trouble of honoring rec_outbuf_height so as to avoid data copying. (An output buffer larger than rec_outbuf_height lines is OK, but won't provide any material speed improvement over that height.)

Special color spaces
---------------------

The JPEG standard itself is "color blind" and doesn't specify any particular color space. It is customary to convert color data to a luminance/chrominance color space before compressing, since this permits greater compression. The existing de-facto JPEG file format standards specify YCbCr or grayscale data (JFIF), or grayscale, RGB, YCbCr, CMYK, or YCCK (Adobe). For special applications such as multispectral images, other color spaces can be used, but it must be understood that such files will be unportable.

The JPEG library can handle the most common colorspace conversions (namely RGB <=> YCbCr and CMYK <=> YCCK). It can also deal with data of an unknown color space, passing it through without conversion. If you deal extensively with an unusual color space, you can easily extend the library to understand additional color spaces and perform appropriate conversions.

For compression, the source data's color space is specified by field in_color_space. This is transformed to the JPEG file's color space given by jpeg_color_space. jpeg_set_defaults() chooses a reasonable JPEG color space depending on in_color_space, but you can override this by calling jpeg_set_colorspace(). Of course you must select a supported transformation. jccolor.c currently supports the following transformations:
RGB => YCbCr
RGB => GRAYSCALE
YCbCr => GRAYSCALE
CMYK => YCCK
plus the null transforms: GRAYSCALE => GRAYSCALE, RGB => RGB, YCbCr => YCbCr, CMYK => CMYK, YCCK => YCCK, and UNKNOWN => UNKNOWN.

The de-facto file format standards (JFIF and Adobe) specify APPn markers that indicate the color space of the JPEG file. It is important to ensure that these are written correctly, or omitted if the JPEG file's color space is not one of the ones supported by the de-facto standards. jpeg_set_colorspace() will set the compression parameters to include or omit the APPn markers properly, so long as it is told the truth about the JPEG color space.
For example, if you are writing some random 3-component color space without conversion, don't try to fake out the library by setting in_color_space and jpeg_color_space to JCS_YCbCr; use JCS_UNKNOWN. You may want to write an APPn marker of your own devising to identify the colorspace --- see "Special markers", below.

When told that the color space is UNKNOWN, the library will default to using luminance-quality compression parameters for all color components. You may well want to change these parameters. See the source code for jpeg_set_colors() in jcparam.c, for details.

For decompression, the JPEG file's color space is given in jpeg_color_space, and this is transformed to the output color space out_color_space. jpeg_read_header's setting of jpeg_color_space can be relied on if the file conforms to JFIF or Adobe conventions, but otherwise it is no better than a guess. If you know the JPEG file's color space for certain, you can override jpeg_read_header's guess by setting jpeg_color_space. jpeg_read_header also selects a default output color space based on (its guess of) jpeg_color_space; set out_color_space to override this. Again, you must select a supported transformation. jdcmap.c currently supports

YCbCr => RGB
YCbCr => GRAYSCALE
RGB => GRAYSCALE
GRAYSCALE => RGB
YCCK => CMYK

as well as the null transforms. (Since GRAYSCALE=>RGB is provided, an application can force grayscale JPEGs to look like color JPEGs if it only wants to handle one case.)

The two-pass color quantizer, jquant2.c, is specialized to handle RGB data (it weights distances appropriately for RGB colors). You'll need to modify the code if you want to use it for non-RGB output color spaces. Note that jquant2.c is used to map to an application-supplied colormap as well as for the normal two-pass colormap selection process.

CAUTION: it appears that Adobe Photoshop writes inverted data in CMYK JPEG files: 0 represents 100% ink coverage, rather than 0% ink as you'd expect. This is arguably a bug in Photoshop, but if you need to work with Photoshop CMYK files, you will have to deal with it in your application. We cannot "fix" this in the library by inverting the data during the CMYK<=>YCCK transform, because that would break other applications, notably Ghostscript. Photoshop versions prior to 3.0 write EPS files containing JPEG-encoded CMYK data in the same inverted-YCCK representation used in bare JPEG files, but the surrounding PostScript code performs an inversion using the PS image operator. I am told that Photoshop 3.0 will write uninverted YCCK in EPS/JPEG files, and will omit the PS-level inversion. (But the data polarity used in bare JPEG files will not change in 3.0.) In either case, the JPEG library must not invert the data itself, or else Ghostscript would
Error handling
--------------

When the default error handler is used, any error detected inside the JPEG routines will cause a message to be printed on stderr, followed by exit(). You can supply your own error handling routines to override this behavior and to control the treatment of nonfatal warnings and trace/debug messages. The file example.c illustrates the most common case, which is to have the application regain control after an error rather than exiting.

The JPEG library never writes any message directly; it always goes through the error handling routines. Three classes of messages are recognized:
* Fatal errors: the library cannot continue.
* Warnings: the library can continue, but the data is corrupt, and a damaged output image is likely to result.
* Trace/informational messages. These come with a trace level indicating the importance of the message; you can control the verbosity of the program by adjusting the maximum trace level that will be displayed.

You may, if you wish, simply replace the entire JPEG error handling module (jerror.c) with your own code. However, you can avoid code duplication by only replacing some of the routines depending on the behavior you need. This is accomplished by calling jpeg_std_error() as usual, but then overriding some of the method pointers in the jpeg_error_mgr struct, as illustrated by example.c.

All of the error handling routines will receive a pointer to the JPEG object (a j_common_ptr which points to either a jpeg_compress_struct or a jpeg_decompress_struct; if you need to tell which, test the is_decompressor field). This struct includes a pointer to the error manager struct in its "err" field. Frequently, custom error handler routines will need to access additional data which is not known to the JPEG library or the standard error handler. The most convenient way to do this is to embed either the JPEG object or the jpeg_error_mgr struct in a larger structure that contains additional fields; then casting the passed pointer provides access to the additional fields. Again, see example.c for one way to do it. (Beginning with IJG version 6b, there is also a void pointer "client_data" in each JPEG object, which the application can also use to find related data. The library does not touch client_data at all.)

The individual methods that you might wish to override are:

error_exit (j_common_ptr cinfo)
Receives control for a fatal error. Information sufficient to generate the error message has been stored in cinfo->err; call
output_message to display it. Control must NOT return to the caller; typically you would override this routine to get rid of the exit() default behavior. Note that if you continue processing, you should clean up the JPEG object with jpeg_abort() or jpeg_destroy().

output_message (j_common_ptr cinfo)
Actual output of any JPEG message. Override this to send messages somewhere other than stderr. Note that this method does not know how to generate a message, only where to send it.

format_message (j_common_ptr cinfo, char * buffer)
Constructs a readable error message string based on the error info stored in cinfo->err. This method is called by output_message. Few applications should need to override this method. One possible reason for doing so is to implement dynamic switching of error message language.

emit_message (j_common_ptr cinfo, int msg_level)
Decide whether or not to emit a warning or trace message; if so, calls output_message. The main reason for overriding this method would be to abort on warnings. msg_level is -1 for warnings, 0 and up for trace messages.

Only error_exit() and emit_message() are called from the rest of the JPEG library; the other two are internal to the error handler.

The actual message texts are stored in an array of strings which is pointed to by the field err->jpeg_message_table. The messages are numbered from 0 to err->last_jpeg_message, and it is these code numbers that are used in the JPEG library code. You could replace the message texts (for instance, with messages in French or German) by changing the message table pointer. See jerror.h for the default texts. CAUTION: this table will almost certainly change or grow from one library version to the next.

It may be useful for an application to add its own message texts that are handled by the same mechanism. The error handler supports a second "add-on" message table for this purpose. To define an addon table, set the pointer err->addon_message_table and the message numbers err->first_addon_message and err->last_addon_message. If you number the addon messages beginning at 1000 or so, you won't have to worry about conflicts with the library's built-in messages. See the sample applications cjpeg/djpeg for an example of using addon messages (the addon messages are defined in cderror.h).

Actual invocation of the error handler is done via macros defined in jerror.h:
ERREXITn(...)for fatal errors
WARNMSn(...)for corrupt-data warnings
TRACEMSn(...)for trace and informational messages.
These macros store the message code and any additional parameters into the error handler struct, then invoke the error_exit() or emit_message() method. The variants of each macro are for varying numbers of additional parameters. The additional parameters are inserted into the generated message using standard printf() format codes.

See jerror.h and jerror.c for further details.

Compressed data handling (source and destination managers)
----------------------------------------------------------

The JPEG compression library sends its compressed data to a "destination manager" module. The default destination manager just writes the data to a memory buffer or to a stdio stream, but you can provide your own manager to do something else. Similarly, the decompression library calls a "source manager" to obtain the compressed data; you can provide your own source manager if you want the data to come from somewhere other than a memory buffer or a stdio stream.

In both cases, compressed data is processed a bufferload at a time: the destination or source manager provides a work buffer, and the library invokes the manager only when the buffer is filled or emptied. (You could define a one-character buffer to force the manager to be invoked for each byte, but that would be rather inefficient.) The buffer's size and location are controlled by the manager, not by the library. For example, the memory source manager just makes the buffer pointer and length point to the original data in memory. In this case the buffer-reload procedure will be invoked only if the decompressor ran off the end of the datastream, which would indicate an erroneous datastream.

The work buffer is defined as an array of datatype JOCTET, which is generally "char" or "unsigned char". On a machine where char is not exactly 8 bits wide, you must define JOCTET as a wider data type and then modify the data source and destination modules to transcribe the work arrays into 8-bit units on external storage.

A data destination manager struct contains a pointer and count defining the next byte to write in the work buffer and the remaining free space:

JOCTET * next_output_byte; /* => next byte to write in buffer */
size_t free_in_buffer;      /* # of byte spaces remaining in buffer */

The library increments the pointer and decrements the count until the buffer is filled. The manager's empty_output_buffer method must reset the pointer and count. The manager is expected to remember the buffer's starting address and total size in private fields not visible to the library.
A data destination manager provides three methods:

```c
init_destination (j_compress_ptr cinfo)
```

Initialize destination. This is called by jpeg_start_compress() before any data is actually written. It must initialize next_output_byte and free_in_buffer. free_in_buffer must be initialized to a positive value.

```c
empty_output_buffer (j_compress_ptr cinfo)
```

This is called whenever the buffer has filled (free_in_buffer reaches zero). In typical applications, it should write out the *entire* buffer (use the saved start address and buffer length; ignore the current state of next_output_byte and free_in_buffer). Then reset the pointer & count to the start of the buffer, and return TRUE indicating that the buffer has been dumped. free_in_buffer must be set to a positive value when TRUE is returned. A FALSE return should only be used when I/O suspension is desired (this operating mode is discussed in the next section).

```c
term_destination (j_compress_ptr cinfo)
```

Terminate destination --- called by jpeg_finish_compress() after all data has been written. In most applications, this must flush any data remaining in the buffer. Use either next_output_byte or free_in_buffer to determine how much data is in the buffer.

term_destination() is NOT called by jpeg_abort() or jpeg_destroy(). If you want the destination manager to be cleaned up during an abort, you must do it yourself.

You will also need code to create a jpeg_destination_mgr struct, fill in its method pointers, and insert a pointer to the struct into the "dest" field of the JPEG compression object. This can be done in-line in your setup code if you like, but it's probably cleaner to provide a separate routine similar to the jpeg_stdio_dest() or jpeg_mem_dest() routines of the supplied destination managers.

Decompression source managers follow a parallel design, but with some additional framishes. The source manager struct contains a pointer and count defining the next byte to read from the work buffer and the number of bytes remaining:

```c
const JOCTET * next_input_byte; /* => next byte to read from buffer */
size_t bytes_in_buffer;        /* # of bytes remaining in buffer */
```

The library increments the pointer and decrements the count until the buffer is emptied. The manager's fill_input_buffer method must reset the pointer and count. In most applications, the manager must remember the buffer's starting address and total size in private fields not visible to the library.
A data source manager provides five methods:

**init_source (j_decompress_ptr cinfo)**
Initialize source. This is called by jpeg_read_header() before any data is actually read. Unlike init_destination(), it may leave bytes_in_buffer set to 0 (in which case a fill_input_buffer() call will occur immediately).

**fill_input_buffer (j_decompress_ptr cinfo)**
This is called whenever bytes_in_buffer has reached zero and more data is wanted. In typical applications, it should read fresh data into the buffer (ignoring the current state of next_input_byte and bytes_in_buffer), reset the pointer & count to the start of the buffer, and return TRUE indicating that the buffer has been reloaded. It is not necessary to fill the buffer entirely, only to obtain at least one more byte. bytes_in_buffer MUST be set to a positive value if TRUE is returned. A FALSE return should only be used when I/O suspension is desired (this mode is discussed in the next section).

**skip_input_data (j_decompress_ptr cinfo, long num_bytes)**
Skip num_bytes worth of data. The buffer pointer and count should be advanced over num_bytes input bytes, refilling the buffer as needed. This is used to skip over a potentially large amount of uninteresting data (such as an APPn marker). In some applications it may be possible to optimize away the reading of the skipped data, but it's not clear that being smart is worth much trouble; large skips are uncommon. bytes_in_buffer may be zero on return. A zero or negative skip count should be treated as a no-op.

**resync_to_restart (j_decompress_ptr cinfo, int desired)**
This routine is called only when the decompressor has failed to find a restart (RSTn) marker where one is expected. Its mission is to find a suitable point for resuming decompression. For most applications, we recommend that you just use the default resync procedure, jpeg_resync_to_restart(). However, if you are able to back up in the input data stream, or if you have a-priori knowledge about the likely location of restart markers, you may be able to do better. Read the read_restart_marker() and jpeg_resync_to_restart() routines in jdmarker.c if you think you'd like to implement your own resync procedure.

**term_source (j_decompress_ptr cinfo)**
Terminate source --- called by jpeg_finish_decompress() after all data has been read. Often a no-op.

For both fill_input_buffer() and skip_input_data(), there is no such thing as an EOF return. If the end of the file has been reached, the routine has
a choice of exiting via ERREXIT() or inserting fake data into the buffer. In most cases, generating a warning message and inserting a fake EOI marker is the best course of action --- this will allow the decompressor to output however much of the image is there. In pathological cases, the decompressor may swallow the EOI and again demand data ... just keep feeding it fake EOIs. jdatasrc.c illustrates the recommended error recovery behavior.

term_source() is NOT called by jpeg_abort() or jpeg_destroy(). If you want the source manager to be cleaned up during an abort, you must do it yourself.

You will also need code to create a jpeg_source_mgr struct, fill in its method pointers, and insert a pointer to the struct into the "src" field of the JPEG decompression object. This can be done in-line in your setup code if you like, but it's probably cleaner to provide a separate routine similar to the jpeg_stdio_src() or jpeg_mem_src() routines of the supplied source managers.

For more information, consult the memory and stdio source and destination managers in jdatasrc.c and jdatadst.c.

I/O suspension
-------------

Some applications need to use the JPEG library as an incremental memory-to-memory filter: when the compressed data buffer is filled or emptied, they want control to return to the outer loop, rather than expecting that the buffer can be emptied or reloaded within the data source/destination manager subroutine. The library supports this need by providing an "I/O suspension" mode, which we describe in this section.

The I/O suspension mode is not a panacea: nothing is guaranteed about the maximum amount of time spent in any one call to the library, so it will not eliminate response-time problems in single-threaded applications. If you need guaranteed response time, we suggest you "bite the bullet" and implement a real multi-tasking capability.

To use I/O suspension, cooperation is needed between the calling application and the data source or destination manager; you will always need a custom source/destination manager. (Please read the previous section if you haven't already.) The basic idea is that the empty_output_buffer() or fill_input_buffer() routine is a no-op, merely returning FALSE to indicate that it has done nothing. Upon seeing this, the JPEG library suspends operation and returns to its caller. The surrounding application is responsible for emptying or refilling the work buffer before calling the JPEG library again.

Compression suspension:
For compression suspension, use an empty_output_buffer() routine that returns FALSE; typically it will not do anything else. This will cause the compressor to return to the caller of jpeg_write_scanlines(), with the return value indicating that not all the supplied scanlines have been accepted. The application must make more room in the output buffer, adjust the output buffer pointer/count appropriately, and then call jpeg_write_scanlines() again, pointing to the first unconsumed scanline.

When forced to suspend, the compressor will backtrack to a convenient stopping point (usually the start of the current MCU); it will regenerate some output data when restarted. Therefore, although empty_output_buffer() is only called when the buffer is filled, you should NOT write out the entire buffer after a suspension. Write only the data up to the current position of next_output_byte/free_in_buffer. The data beyond that point will be regenerated after resumption.

Because of the backtracking behavior, a good-size output buffer is essential for efficiency; you don't want the compressor to suspend often. (In fact, an overly small buffer could lead to infinite looping, if a single MCU required more data than would fit in the buffer.) We recommend a buffer of at least several Kbytes. You may want to insert explicit code to ensure that you don't call jpeg_write_scanlines() unless there is a reasonable amount of space in the output buffer; in other words, flush the buffer before trying to compress more data.

The compressor does not allow suspension while it is trying to write JPEG markers at the beginning and end of the file. This means that:
* At the beginning of a compression operation, there must be enough free space in the output buffer to hold the header markers (typically 600 or so bytes). The recommended buffer size is bigger than this anyway, so this is not a problem as long as you start with an empty buffer. However, this restriction might catch you if you insert large special markers, such as a JFIF thumbnail image, without flushing the buffer afterwards.
* When you call jpeg_finish_compress(), there must be enough space in the output buffer to emit any buffered data and the final EOI marker. In the current implementation, half a dozen bytes should suffice for this, but for safety's sake we recommend ensuring that at least 100 bytes are free before calling jpeg_finish_compress().

A more significant restriction is that jpeg_finish_compress() cannot suspend. This means you cannot use suspension with multi-pass operating modes, namely Huffman code optimization and multiple-scan output. Those modes write the whole file during jpeg_finish_compress(), which will certainly result in buffer overrun. (Note that this restriction applies only to compression, not decompression. The decompressor supports input suspension in all of its operating modes.)

Decompression suspension:
For decompression suspension, use a fill_input_buffer() routine that simply returns FALSE (except perhaps during error recovery, as discussed below). This will cause the decompressor to return to its caller with an indication that suspension has occurred. This can happen at four places:

* jpeg_read_header(): will return JPEG_SUSPENDED.
* jpeg_start_decompress(): will return FALSE, rather than its usual TRUE.
* jpeg_read_scanlines(): will return the number of scanlines already completed (possibly 0).
* jpeg_finish_decompress(): will return FALSE, rather than its usual TRUE.

The surrounding application must recognize these cases, load more data into the input buffer, and repeat the call. In the case of jpeg_read_scanlines(), increment the passed pointers past any scanlines successfully read.

Just as with compression, the decompressor will typically backtrack to a convenient restart point before suspending. When fill_input_buffer() is called, next_input_byte/bytes_in_buffer point to the current restart point, which is where the decompressor will backtrack to if FALSE is returned. The data beyond that position must NOT be discarded if you suspend; it needs to be re-read upon resumption. In most implementations, you'll need to shift this data down to the start of your work buffer and then load more data after it. Again, this behavior means that a several-Kbyte work buffer is essential for decent performance; furthermore, you should load a reasonable amount of new data before resuming decompression. (If you loaded, say, only one new byte each time around, you could waste a LOT of cycles.)

The skip_input_data() source manager routine requires special care in a suspension scenario. This routine is NOT granted the ability to suspend the decompressor; it can decrement bytes_in_buffer to zero, but no more. If the requested skip distance exceeds the amount of data currently in the input buffer, then skip_input_data() must set bytes_in_buffer to zero and record the additional skip distance somewhere else. The decompressor will immediately call fill_input_buffer(), which should return FALSE, which will cause a suspension return. The surrounding application must then arrange to discard the recorded number of bytes before it resumes loading the input buffer. (Yes, this design is rather baroque, but it avoids complexity in the far more common case where a non-suspending source manager is used.)

If the input data has been exhausted, we recommend that you emit a warning and insert dummy EOI markers just as a non-suspending data source manager would do. This can be handled either in the surrounding application logic or within fill_input_buffer(); the latter is probably more efficient. If fill_input_buffer() knows that no more data is available, it can set the pointer/count to point to a dummy EOI marker and then return TRUE just as though it had read more data in a non-suspending situation.

The decompressor does not attempt to suspend within standard JPEG markers; instead it will backtrack to the start of the marker and reprocess the whole
marker next time. Hence the input buffer must be large enough to hold the
longest standard marker in the file. Standard JPEG markers should normally
not exceed a few hundred bytes each (DHT tables are typically the longest).
We recommend at least a 2K buffer for performance reasons, which is much
larger than any correct marker is likely to be. For robustness against
damaged marker length counts, you may wish to insert a test in your
application for the case that the input buffer is completely full and yet
the decoder has suspended without consuming any data --- otherwise, if this
situation did occur, it would lead to an endless loop. (The library can't
provide this test since it has no idea whether "the buffer is full", or
even whether there is a fixed-size input buffer.)

The input buffer would need to be 64K to allow for arbitrary COM or APPn
markers, but these are handled specially: they are either saved into allocated
memory, or skipped over by calling skip_input_data(). In the former case,
suspension is handled correctly, and in the latter case, the problem of
buffer overrun is placed on skip_input_data's shoulders, as explained above.
Note that if you provide your own marker handling routine for large markers,
you should consider how to deal with buffer overflow.

Multiple-buffer management:

In some applications it is desirable to store the compressed data in a linked
list of buffer areas, so as to avoid data copying. This can be handled by
having empty_output_buffer() or fill_input_buffer() set the pointer and count
to reference the next available buffer; FALSE is returned only if no more
buffers are available. Although seemingly straightforward, there is a
pitfall in this approach: the backtrack that occurs when FALSE is returned
could back up into an earlier buffer. For example, when fill_input_buffer() is
called, the current pointer & count indicate the backtrack restart point.
Since fill_input_buffer() will set the pointer and count to refer to a new
buffer, the restart position must be saved somewhere else. Suppose a second
call to fill_input_buffer() occurs in the same library call, and no
additional input data is available, so fill_input_buffer must return FALSE.
If the JPEG library has not moved the pointer/count forward in the current
buffer, then *the correct restart point is the saved position in the prior
buffer*. Prior buffers may be discarded only after the library establishes
a restart point within a later buffer. Similar remarks apply for output into
a chain of buffers.

The library will never attempt to backtrack over a skip_input_data() call,
so any skipped data can be permanently discarded. You still have to deal
with the case of skipping not-yet-received data, however.

It's much simpler to use only a single buffer; when fill_input_buffer() is
called, move any unconsumed data (beyond the current pointer/count) down to
the beginning of this buffer and then load new data into the remaining buffer
space. This approach requires a little more data copying but is far easier
Progressive JPEG support

Progressive JPEG rearranges the stored data into a series of scans of increasing quality. In situations where a JPEG file is transmitted across a slow communications link, a decoder can generate a low-quality image very quickly from the first scan, then gradually improve the displayed quality as more scans are received. The final image after all scans are complete is identical to that of a regular (sequential) JPEG file of the same quality setting. Progressive JPEG files are often slightly smaller than equivalent sequential JPEG files, but the possibility of incremental display is the main reason for using progressive JPEG.

The IJG encoder library generates progressive JPEG files when given a suitable "scan script" defining how to divide the data into scans. Creation of progressive JPEG files is otherwise transparent to the encoder. Progressive JPEG files can also be read transparently by the decoder library. If the decoding application simply uses the library as defined above, it will receive a final decoded image without any indication that the file was progressive. Of course, this approach does not allow incremental display. To perform incremental display, an application needs to use the decoder library's "buffered-image" mode, in which it receives a decoded image multiple times.

Each displayed scan requires about as much work to decode as a full JPEG image of the same size, so the decoder must be fairly fast in relation to the data transmission rate in order to make incremental display useful. However, it is possible to skip displaying the image and simply add the incoming bits to the decoder's coefficient buffer. This is fast because only Huffman decoding need be done, not IDCT, upsampling, colorspace conversion, etc. The IJG decoder library allows the application to switch dynamically between displaying the image and simply absorbing the incoming bits. A properly coded application can automatically adapt the number of display passes to suit the time available as the image is received. Also, a final higher-quality display cycle can be performed from the buffered data after the end of the file is reached.

Progressive compression:

To create a progressive JPEG file (or a multiple-scan sequential JPEG file), set the scan_info cinfo field to point to an array of scan descriptors, and perform compression as usual. Instead of constructing your own scan list, you can call the jpeg_simple_progression() helper routine to create a recommended progression sequence; this method should be used by all applications that don't want to get involved in the nitty-gritty of
progressive scan sequence design. (If you want to provide user control of scan sequences, you may wish to borrow the scan script reading code found in rdswitch.c, so that you can read scan script files just like cjpeg’s.) When scan_info is not NULL, the compression library will store DCT’d data into a buffer array as jpeg_write_scanlines() is called, and will emit all the requested scans during jpeg_finish_compress(). This implies that multiple-scan output cannot be created with a suspending data destination manager, since jpeg_finish_compress() does not support suspension. We should also note that the compressor currently forces Huffman optimization mode when creating a progressive JPEG file, because the default Huffman tables are unsuitable for progressive files.

Progressive decompression:

When buffered-image mode is not used, the decoder library will read all of a multi-scan file during jpeg_start_decompress(), so that it can provide a final decoded image. (Here “multi-scan” means either progressive or multi-scan sequential.) This makes multi-scan files transparent to the decoding application. However, existing applications that used suspending input with version 5 of the IJG library will need to be modified to check for a suspension return from jpeg_start_decompress().

To perform incremental display, an application must use the library's buffered-image mode. This is described in the next section.

Buffered-image mode

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In buffered-image mode, the library stores the partially decoded image in a coefficient buffer, from which it can be read out as many times as desired. This mode is typically used for incremental display of progressive JPEG files, but it can be used with any JPEG file. Each scan of a progressive JPEG file adds more data (more detail) to the buffered image. The application can display in lockstep with the source file (one display pass per input scan), or it can allow input processing to outrun display processing. By making input and display processing run independently, it is possible for the application to adapt progressive display to a wide range of data transmission rates.

The basic control flow for buffered-image decoding is

jpeg_create_decompress()
set data source
jpeg_read_header()
set overall decompression parameters
cinfo.buffered_image = TRUE;/* select buffered-image mode */
jpeg_start_decompress()
for (each output pass) {
    adjust output decompression parameters if required
    jpeg_start_output() /* start a new output pass */
    for (all scanlines in image) {
        jpeg_read_scanlines()
        display scanlines
    }
    jpeg_finish_output() /* terminate output pass */
}
jpeg_finish_decompress()
jpeg_destroy_decompress()

This differs from ordinary unbuffered decoding in that there is an additional level of looping. The application can choose how many output passes to make and how to display each pass.

The simplest approach to displaying progressive images is to do one display pass for each scan appearing in the input file. In this case the outer loop condition is typically
while (! jpeg_input_complete(&cinfo))
and the start-output call should read
jpeg_start_output(&cinfo, cinfo.input_scan_number);
The second parameter to jpeg_start_output() indicates which scan of the input file is to be displayed; the scans are numbered starting at 1 for this purpose. (You can use a loop counter starting at 1 if you like, but using the library's input scan counter is easier.) The library automatically reads data as necessary to complete each requested scan, and jpeg_finish_output() advances to the next scan or end-of-image marker (hence input_scan_number will be incremented by the time control arrives back at jpeg_start_output()). With this technique, data is read from the input file only as needed, and input and output processing run in lockstep.

After reading the final scan and reaching the end of the input file, the buffered image remains available; it can be read additional times by repeating the jpeg_start_output()/jpeg_read_scanlines()/jpeg_finish_output() sequence. For example, a useful technique is to use fast one-pass color quantization for display passes made while the image is arriving, followed by a final display pass using two-pass quantization for highest quality. This is done by changing the library parameters before the final output pass.
Changing parameters between passes is discussed in detail below.

In general the last scan of a progressive file cannot be recognized as such until after it is read, so a post-input display pass is the best approach if you want special processing in the final pass.

When done with the image, be sure to call jpeg_finish_decompress() to release the buffered image (or just use jpeg_destroy_decompress()).
If input data arrives faster than it can be displayed, the application can
cause the library to decode input data in advance of what's needed to produce
output. This is done by calling the routine jpeg_consume_input().
The return value is one of the following:
JPEG_REACHED_SOS: reached an SOS marker (the start of a new scan)
JPEG_REACHED_EOI: reached the EOI marker (end of image)
JPEG_ROW_COMPLETED: completed reading one MCU row of compressed data
JPEG_SCAN_COMPLETED: completed reading last MCU row of current scan
JPEG_SUSPENDED: suspended before completing any of the above
(JPEG_SUSPENDED can occur only if a suspending data source is used.) This
routine can be called at any time after initializing the JPEG object. It
reads some additional data and returns when one of the indicated significant
events occurs. (If called after the EOI marker is reached, it will
immediately return JPEG_REACHED_EOI without attempting to read more data.)

The library's output processing will automatically call jpeg_consume_input()
whenever the output processing overtakes the input; thus, simple lockstep
display requires no direct calls to jpeg_consume_input(). But by adding
calls to jpeg_consume_input(), you can absorb data in advance of what is
being displayed. This has two benefits:
* You can limit buildup of unprocessed data in your input buffer.
* You can eliminate extra display passes by paying attention to the
  state of the library's input processing.

The first of these benefits only requires interspersing calls to
jpeg_consume_input() with your display operations and any other processing
you may be doing. To avoid wasting cycles due to backtracking, it's best to
call jpeg_consume_input() only after a hundred or so new bytes have arrived.
This is discussed further under "I/O suspension", above. (Note: the JPEG
library currently is not thread-safe. You must not call jpeg_consume_input()
from one thread of control if a different library routine is working on the
same JPEG object in another thread.)

When input arrives fast enough that more than one new scan is available
before you start a new output pass, you may as well skip the output pass
corresponding to the completed scan. This occurs for free if you pass
cinfo.input_scan_number as the target scan number to jpeg_start_output().
The input_scan_number field is simply the index of the scan currently being
consumed by the input processor. You can ensure that this is up-to-date by
emptying the input buffer just before calling jpeg_start_output(): call
jpeg_consume_input() repeatedly until it returns JPEG_SUSPENDED or
JPEG_REACHED_EOI.

The target scan number passed to jpeg_start_output() is saved in the
cinfo.output_scan_number field. The library's output processing calls
jpeg_consume_input() whenever the current input scan number and row within
that scan is less than or equal to the current output scan number and row.
Thus, input processing can "get ahead" of the output processing but is not
allowed to "fall behind". You can achieve several different effects by
manipulating this interlock rule. For example, if you pass a target scan
number greater than the current input scan number, the output processor will
wait until that scan starts to arrive before producing any output. (To avoid
an infinite loop, the target scan number is automatically reset to the last
scan number when the end of image is reached. Thus, if you specify a large
target scan number, the library will just absorb the entire input file and
then perform an output pass. This is effectively the same as what
jpeg_start_decompress() does when you don't select buffered-image mode.)
When you pass a target scan number equal to the current input scan number,
the image is displayed no faster than the current input scan arrives. The
final possibility is to pass a target scan number less than the current input
scan number; this disables the input/output interlock and causes the output
processor to simply display whatever it finds in the image buffer, without
waiting for input. (However, the library will not accept a target scan
number less than one, so you can't avoid waiting for the first scan.)

When data is arriving faster than the output display processing can advance
through the image, jpeg_consume_input() will store data into the buffered
image beyond the point at which the output processing is reading data out
again. If the input arrives fast enough, it may "wrap around" the buffer to
the point where the input is more than one whole scan ahead of the output.
If the output processing simply proceeds through its display pass without
paying attention to the input, the effect seen on-screen is that the lower
part of the image is one or more scans better in quality than the upper part.
Then, when the next output scan is started, you have a choice of what target
scan number to use. The recommended choice is to use the current input scan
number at that time, which implies that you've skipped the output scans
corresponding to the input scans that were completed while you processed the
previous output scan. In this way, the decoder automatically adapts its
speed to the arriving data, by skipping output scans as necessary to keep up
with the arriving data.

When using this strategy, you'll want to be sure that you perform a final
output pass after receiving all the data; otherwise your last display may not
be full quality across the whole screen. So the right outer loop logic is
something like this:

```c
do {
    absorb any waiting input by calling jpeg_consume_input()
    final_pass = jpeg_input_complete(&cinfo);
    adjust output decompression parameters if required
    jpeg_start_output(&cinfo, cinfo.input_scan_number);
    ...
    jpeg_finish_output()
} while (! final_pass);
```
rather than quitting as soon as jpeg_input_complete() returns TRUE. This
arrangement makes it simple to use higher-quality decoding parameters
for the final pass. But if you don't want to use special parameters for
the final pass, the right loop logic is like this:

for (;;) {
    absorb any waiting input by calling jpeg_consume_input()
    jpeg_start_output(&cinfo, cinfo.input_scan_number);
    ...
    jpeg_finish_output()
    if (jpeg_input_complete(&cinfo) &&
        cinfo.input_scan_number == cinfo.output_scan_number)
        break;
}

In this case you don't need to know in advance whether an output pass is to be the last one, so it's not necessary to have reached EOF before starting the final output pass; rather, what you want to test is whether the output pass was performed in sync with the final input scan. This form of the loop will avoid an extra output pass whenever the decoder is able (or nearly able) to keep up with the incoming data.

When the data transmission speed is high, you might begin a display pass, then find that much or all of the file has arrived before you can complete the pass. (You can detect this by noting the JPEG_REACHED_EOI return code from jpeg_consume_input(), or equivalently by testing jpeg_input_complete().)

In this situation you may wish to abort the current display pass and start a new one using the newly arrived information. To do so, just call jpeg_finish_output() and then start a new pass with jpeg_start_output().

A variant strategy is to abort and restart display if more than one complete scan arrives during an output pass; this can be detected by noting JPEG_REACHED_SOS returns and/or examining cinfo.input_scan_number. This idea should be employed with caution, however, since the display process might never get to the bottom of the image before being aborted, resulting in the lower part of the screen being several passes worse than the upper. In most cases it's probably best to abort an output pass only if the whole file has arrived and you want to begin the final output pass immediately.

When receiving data across a communication link, we recommend always using the current input scan number for the output target scan number; if a higher-quality final pass is to be done, it should be started (aborting any incomplete output pass) as soon as the end of file is received. However, many other strategies are possible. For example, the application can examine the parameters of the current input scan and decide whether to display it or not. If the scan contains only chroma data, one might choose not to use it as the target scan, expecting that the scan will be small and will arrive quickly. To skip to the next scan, call jpeg_consume_input() until it returns JPEG_REACHED_SOS or JPEG_REACHED_EOI. Or just use the next higher number as the target scan for jpeg_start_output(); but that method doesn't let you inspect the next scan’s parameters before deciding to display it.
In buffered-image mode, jpeg_start_decompress() never performs input and thus never suspends. An application that uses input suspension with buffered-image mode must be prepared for suspension returns from these routines:

* jpeg_start_output() performs input only if you request 2-pass quantization and the target scan isn't fully read yet. (This is discussed below.)
* jpeg_read_scanlines(), as always, returns the number of scanlines that it was able to produce before suspending.
* jpeg_finish_output() will read any markers following the target scan, up to the end of the file or the SOS marker that begins another scan. (But it reads no input if jpeg_consume_input() has already reached the end of the file or a SOS marker beyond the target output scan.)
* jpeg_finish_decompress() will read until the end of file, and thus can suspend if the end hasn't already been reached (as can be tested by calling jpeg_input_complete()).

jpeg_start_output(), jpeg_finish_output(), and jpeg_finish_decompress() all return TRUE if they completed their tasks, FALSE if they had to suspend. In the event of a FALSE return, the application must load more input data and repeat the call. Applications that use non-suspending data sources need not check the return values of these three routines.

It is possible to change decoding parameters between output passes in the buffered-image mode. The decoder library currently supports only very limited changes of parameters. ONLY THE FOLLOWING parameter changes are allowed after jpeg_start_decompress() is called:

* dct_method can be changed before each call to jpeg_start_output(). For example, one could use a fast DCT method for early scans, changing to a higher quality method for the final scan.
* dither_mode can be changed before each call to jpeg_start_output(); of course this has no impact if not using color quantization. Typically one would use ordered dither for initial passes, then switch to Floyd-Steinberg dither for the final pass. Caution: changing dither mode can cause more memory to be allocated by the library. Although the amount of memory involved is not large (a scanline or so), it may cause the initial max_memory_to_use specification to be exceeded, which in the worst case would result in an out-of-memory failure.
* do_block_smoothing can be changed before each call to jpeg_start_output(). This setting is relevant only when decoding a progressive JPEG image. During the first DC-only scan, block smoothing provides a very "fuzzy" look instead of the very "blocky" look seen without it; which is better seems a matter of personal taste. But block smoothing is nearly always a win during later stages, especially when decoding a successive-approximation image: smoothing helps to hide the slight blockiness that otherwise shows up on smooth gradients until the lowest coefficient bits are sent.
* Color quantization mode can be changed under the rules described below. You *cannot* change between full-color and quantized output (because that would alter the required I/O buffer sizes), but you can change which
When generating color-quantized output, changing quantization method is a very useful way of switching between high-speed and high-quality display. The library allows you to change among its three quantization methods:

1. Single-pass quantization to a fixed color cube.
   - Selected by cinfo.two_pass_quantize = FALSE and cinfo.colormap = NULL.

2. Single-pass quantization to an application-supplied colormap.
   - Selected by setting cinfo.colormap to point to the colormap (the value of two_pass_quantize is ignored); also set cinfo.actual_number_of_colors.

3. Two-pass quantization to a colormap chosen specifically for the image.
   - Selected by cinfo.two_pass_quantize = TRUE and cinfo.colormap = NULL.
   (This is the default setting selected by jpeg_read_header, but it is probably NOT what you want for the first pass of progressive display!)

These methods offer successively better quality and lesser speed. However, only the first method is available for quantizing in non-RGB color spaces.

IMPORTANT: because the different quantizer methods have very different working-storage requirements, the library requires you to indicate which one(s) you intend to use before you call jpeg_start_decompress(). (If we did not require this, the max_memory_to_use setting would be a complete fiction.) You do this by setting one or more of these three cinfo fields to TRUE:

- enable_1pass_quant: Fixed color cube colormap
- enable_external_quant: Externally-supplied colormap
- enable_2pass_quant: Two-pass custom colormap

All three are initialized FALSE by jpeg_read_header(). But jpeg_start_decompress() automatically sets TRUE the one selected by the current two_pass_quantize and colormap settings, so you only need to set the enable flags for any other quantization methods you plan to change to later.

After setting the enable flags correctly at jpeg_start_decompress() time, you can change to any enabled quantization method by setting two_pass_quantize and colormap properly just before calling jpeg_start_output(). The following special rules apply:

1. You must explicitly set cinfo.colormap to NULL when switching to 1-pass or 2-pass mode from a different mode, or when you want the 2-pass quantizer to be re-run to generate a new colormap.

2. To switch to an external colormap, or to change to a different external colormap than was used on the prior pass, you must call jpeg_new_colormap() after setting cinfo.colormap.

NOTE: if you want to use the same colormap as was used in the prior pass, you should not do either of these things. This will save some nontrivial switchover costs.

(These requirements exist because cinfo.colormap will always be non-NULL after completing a prior output pass, since both the 1-pass and 2-pass quantizers set it to point to their output colormaps. Thus you have to do one of these two things to notify the library that something has changed.

Yup, it's a bit klugy, but it's necessary to do it this way for backwards
compatibility.)

Note that in buffered-image mode, the library generates any requested colormap during jpeg_start_output(), not during jpeg_start_decompress().

When using two-pass quantization, jpeg_start_output() makes a pass over the buffered image to determine the optimum color map; it therefore may take a significant amount of time, whereas ordinarily it does little work. The progress monitor hook is called during this pass, if defined. It is also important to realize that if the specified target scan number is greater than or equal to the current input scan number, jpeg_start_output() will attempt to consume input as it makes this pass. If you use a suspending data source, you need to check for a FALSE return from jpeg_start_output() under these conditions. The combination of 2-pass quantization and a not-yet-fully-read target scan is the only case in which jpeg_start_output() will consume input.

Application authors who support buffered-image mode may be tempted to use it for all JPEG images, even single-scan ones. This will work, but it is inefficient: there is no need to create an image-sized coefficient buffer for single-scan images. Requesting buffered-image mode for such an image wastes memory. Worse, it can cost time on large images, since the buffered data has to be swapped out or written to a temporary file. If you are concerned about maximum performance on baseline JPEG files, you should use buffered-image mode only when the incoming file actually has multiple scans. This can be tested by calling jpeg_has_multiple_scans(), which will return a correct result at any time after jpeg_read_header() completes.

It is also worth noting that when you use jpeg_consume_input() to let input processing get ahead of output processing, the resulting pattern of access to the coefficient buffer is quite nonsequential. It’s best to use the memory manager jmemnobs.c if you can (ie, if you have enough real or virtual main memory). If not, at least make sure that max_memory_to_use is set as high as possible. If the JPEG memory manager has to use a temporary file, you will probably see a lot of disk traffic and poor performance. (This could be improved with additional work on the memory manager, but we haven’t gotten around to it yet.)

In some applications it may be convenient to use jpeg_consume_input() for all input processing, including reading the initial markers; that is, you may wish to call jpeg_consume_input() instead of jpeg_read_header() during startup. This works, but note that you must check for JPEG_REACHED_SOS and JPEG_REACHED_EOI return codes as the equivalent of jpeg_read_header's codes. Once the first SOS marker has been reached, you must call jpeg_start_decompress() before jpeg_consume_input() will consume more input; it'll just keep returning JPEG_REACHED_SOS until you do. If you read a tables-only file this way, jpeg_consume_input() will return JPEG_REACHED_EOI without ever returning JPEG_REACHED_SOS; be sure to check for this case.
If this happens, the decompressor will not read any more input until you call jpeg_abort() to reset it. It is OK to call jpeg_consume_input() even when not using buffered-image mode, but in that case it's basically a no-op after the initial markers have been read: it will just return JPEG_SUSPENDED.

Abbreviated datastreams and multiple images
-------------------------------------------

A JPEG compression or decompression object can be reused to process multiple images. This saves a small amount of time per image by eliminating the "create" and "destroy" operations, but that isn't the real purpose of the feature. Rather, reuse of an object provides support for abbreviated JPEG datastreams. Object reuse can also simplify processing a series of images in a single input or output file. This section explains these features.

A JPEG file normally contains several hundred bytes worth of quantization and Huffman tables. In a situation where many images will be stored or transmitted with identical tables, this may represent an annoying overhead. The JPEG standard therefore permits tables to be omitted. The standard defines three classes of JPEG datastreams:
* "Interchange" datastreams contain an image and all tables needed to decode the image. These are the usual kind of JPEG file.
* "Abbreviated image" datastreams contain an image, but are missing some or all of the tables needed to decode that image.
* "Abbreviated table specification" (henceforth "tables-only") datastreams contain only table specifications.

To decode an abbreviated image, it is necessary to load the missing table(s) into the decoder beforehand. This can be accomplished by reading a separate tables-only file. A variant scheme uses a series of images in which the first image is an interchange (complete) datastream, while subsequent ones are abbreviated and rely on the tables loaded by the first image. It is assumed that once the decoder has read a table, it will remember that table until a new definition for the same table number is encountered.

It is the application designer's responsibility to figure out how to associate the correct tables with an abbreviated image. While abbreviated datastreams can be useful in a closed environment, their use is strongly discouraged in any situation where data exchange with other applications might be needed. Caveat designer.

The JPEG library provides support for reading and writing any combination of tables-only datastreams and abbreviated images. In both compression and decompression objects, a quantization or Huffman table will be retained for the lifetime of the object, unless it is overwritten by a new table definition.

To create abbreviated image datastreams, it is only necessary to tell the
compressor not to emit some or all of the tables it is using. Each quantization and Huffman table struct contains a boolean field "sent_table", which normally is initialized to FALSE. For each table used by the image, the header-writing process emits the table and sets sent_table = TRUE unless it is already TRUE. (In normal usage, this prevents outputting the same table definition multiple times, as would otherwise occur because the chroma components typically share tables.) Thus, setting this field to TRUE before calling jpeg_start_compress() will prevent the table from being written at all.

If you want to create a "pure" abbreviated image file containing no tables, just call "jpeg_suppress_tables(&cinfo, TRUE)" after constructing all the tables. If you want to emit some but not all tables, you'll need to set the individual sent_table fields directly.

To create an abbreviated image, you must also call jpeg_start_compress() with a second parameter of FALSE, not TRUE. Otherwise jpeg_start_compress() will force all the sent_table fields to FALSE. (This is a safety feature to prevent abbreviated images from being created accidentally.)

To create a tables-only file, perform the same parameter setup that you normally would, but instead of calling jpeg_start_compress() and so on, call jpeg_write_tables(&cinfo). This will write an abbreviated datastream containing only SOI, DQT and/or DHT markers, and EOI. All the quantization and Huffman tables that are currently defined in the compression object will be emitted unless their sent_tables flag is already TRUE, and then all the sent_tables flags will be set TRUE.

A sure-fire way to create matching tables-only and abbreviated image files is to proceed as follows:

create JPEG compression object
set JPEG parameters
set destination to tables-only file
jpeg_write_tables(&cinfo);
set destination to image file
jpeg_start_compress(&cinfo, FALSE);
write data...
jpeg_finish_compress(&cinfo);

Since the JPEG parameters are not altered between writing the table file and the abbreviated image file, the same tables are sure to be used. Of course, you can repeat the jpeg_start_compress() ... jpeg_finish_compress() sequence many times to produce many abbreviated image files matching the table file.

You cannot suppress output of the computed Huffman tables when Huffman optimization is selected. (If you could, there'd be no way to decode the image...) Generally, you don't want to set optimize_coding = TRUE when
you are trying to produce abbreviated files.

In some cases you might want to compress an image using tables which are not stored in the application, but are defined in an interchange or tables-only file readable by the application. This can be done by setting up a JPEG decompression object to read the specification file, then copying the tables into your compression object. See jpeg_copy_critical_parameters() for an example of copying quantization tables.

To read abbreviated image files, you simply need to load the proper tables into the decompression object before trying to read the abbreviated image. If the proper tables are stored in the application program, you can just allocate the table structs and fill in their contents directly. For example, to load a fixed quantization table into table slot "n":

```c
if (cinfo.quant_tbl_ptrs[n] == NULL)
    cinfo.quant_tbl_ptrs[n] = jpeg_alloc_quant_table((j_common_ptr) &cinfo);
quant_ptr = cinfo.quant_tbl_ptrs[n]; /* quant_ptr is JQUANT_TBL*/
for (i = 0; i < 64; i++) {
    /* Qtable[] is desired quantization table, in natural array order */
    quant_ptr->quantval[i] = Qtable[i];
}
```

Code to load a fixed Huffman table is typically (for AC table "n"):

```c
if (cinfo.ac_huff_tbl_ptrs[n] == NULL)
    cinfo.ac_huff_tbl_ptrs[n] = jpeg_alloc_huff_table((j_common_ptr) &cinfo);
huff_ptr = cinfo.ac_huff_tbl_ptrs[n]; /* huff_ptr is JHUFF_TBL*/
for (i = 1; i <= 16; i++) {
    /* counts[i] is number of Huffman codes of length i bits, i=1..16 */
    huff_ptr->bits[i] = counts[i];
}
for (i = 0; i < 256; i++) {
    /* symbols[] is the list of Huffman symbols, in code-length order */
    huff_ptr->huffval[i] = symbols[i];
}
```

(Note that trying to set cinfo.quant_tbl_ptrs[n] to point directly at a constant JQUANT_TBL object is not safe. If the incoming file happened to contain a quantization table definition, your master table would get overwritten! Instead allocate a working table copy and copy the master table into it, as illustrated above. Ditto for Huffman tables, of course.)

You might want to read the tables from a tables-only file, rather than hard-wiring them into your application. The jpeg_read_header() call is sufficient to read a tables-only file. You must pass a second parameter of FALSE to indicate that you do not require an image to be present. Thus, the
The typical scenario is:

create JPEG decompression object
set source to tables-only file
jpeg_read_header(&cinfo, FALSE);
set source to abbreviated image file
jpeg_read_header(&cinfo, TRUE);
set decompression parameters
jpeg_start_decompress(&cinfo);
read data...
jpeg_finish_decompress(&cinfo);

In some cases, you may want to read a file without knowing whether it contains an image or just tables. In that case, pass FALSE and check the return value from jpeg_read_header(): it will be JPEG_HEADER_OK if an image was found, JPEG_HEADER_TABLES_ONLY if only tables were found. (A third return value, JPEG_SUSPENDED, is possible when using a suspending data source manager.)

Note that jpeg_read_header() will not complain if you read an abbreviated image for which you haven't loaded the missing tables; the missing-table check occurs later, in jpeg_start_decompress().

It is possible to read a series of images from a single source file by repeating the jpeg_read_header() ... jpeg_finish_decompress() sequence, without releasing/recreating the JPEG object or the data source module. (If you did reinitialize, any partial bufferload left in the data source buffer at the end of one image would be discarded, causing you to lose the start of the next image.) When you use this method, stored tables are automatically carried forward, so some of the images can be abbreviated images that depend on tables from earlier images.

If you intend to write a series of images into a single destination file, you might want to make a specialized data destination module that doesn't flush the output buffer at term_destination() time. This would speed things up by some trifling amount. Of course, you'd need to remember to flush the buffer after the last image. You can make the later images be abbreviated ones by passing FALSE to jpeg_start_compress().

Special markers
--------------

Some applications may need to insert or extract special data in the JPEG datastream. The JPEG standard provides marker types "COM" (comment) and "APP0" through "APP15" (application) to hold application-specific data. Unfortunately, the use of these markers is not specified by the standard. COM markers are fairly widely used to hold user-supplied text. The JFIF file format spec uses APP0 markers with specified initial strings to hold certain
data. Adobe applications use APP14 markers beginning with the string "Adobe" for miscellaneous data. Other APPn markers are rarely seen, but might contain almost anything.

If you wish to store user-supplied text, we recommend you use COM markers and place readable 7-bit ASCII text in them. Newline conventions are not standardized --- expect to find LF (Unix style), CR/LF (DOS style), or CR (Mac style). A robust COM reader should be able to cope with random binary garbage, including nulls, since some applications generate COM markers containing non-ASCII junk. (But yours should not be one of them.)

For program-supplied data, use an APPn marker, and be sure to begin it with an identifying string so that you can tell whether the marker is actually yours. It's probably best to avoid using APP0 or APP14 for any private markers. (NOTE: the upcoming SPIFF standard will use APP8 markers; we recommend you not use APP8 markers for any private purposes, either.)

Keep in mind that at most 65533 bytes can be put into one marker, but you can have as many markers as you like.

By default, the IJG compression library will write a JFIF APP0 marker if the selected JPEG colorspace is grayscale or YCbCr, or an Adobe APP14 marker if the selected colorspace is RGB, CMYK, or YCCK. You can disable this, but we don't recommend it. The decompression library will recognize JFIF and Adobe markers and will set the JPEG colorspace properly when one is found.

You can write special markers immediately following the datastream header by calling jpeg_write_marker() after jpeg_start_compress() and before the first call to jpeg_write_scanlines(). When you do this, the markers appear after the SOI and the JFIF APP0 and Adobe APP14 markers (if written), but before all else. Specify the marker type parameter as "JPEG_COM" for COM or "JPEG_APP0 + n" for APPn. (Actually, jpeg_write_marker will let you write any marker type, but we don't recommend writing any other kinds of marker.) For example, to write a user comment string pointed to by comment_text:

```
jpeg_write_marker(cinfo, JPEG_COM, comment_text, strlen(comment_text));
```

If it's not convenient to store all the marker data in memory at once, you can instead call jpeg_write_m_header() followed by multiple calls to jpeg_write_m_byte(). If you do it this way, it's your responsibility to call jpeg_write_m_byte() exactly the number of times given in the length parameter to jpeg_write_m_header(). (This method lets you empty the output buffer partway through a marker, which might be important when using a suspending data destination module. In any case, if you are using a suspending destination, you should flush its buffer after inserting any special markers. See "I/O suspension").

Or, if you prefer to synthesize the marker byte sequence yourself,
you can just cram it straight into the data destination module.

If you are writing JFIF 1.02 extension markers (thumbnail images), don't forget to set cinfo.JFIF_minor_version = 2 so that the encoder will write the correct JFIF version number in the JFIF header marker. The library's default is to write version 1.01, but that's wrong if you insert any 1.02 extension markers. (We could probably get away with just defaulting to 1.02, but there used to be broken decoders that would complain about unknown minor version numbers. To reduce compatibility risks it's safest not to write 1.02 unless you are actually using 1.02 extensions.)

When reading, two methods of handling special markers are available:
1. You can ask the library to save the contents of COM and/or APPn markers into memory, and then examine them at your leisure afterwards.
2. You can supply your own routine to process COM and/or APPn markers on-the-fly as they are read.

The first method is simpler to use, especially if you are using a suspending data source; writing a marker processor that copes with input suspension is not easy (consider what happens if the marker is longer than your available input buffer). However, the second method conserves memory since the marker data need not be kept around after it's been processed.

For either method, you'd normally set up marker handling after creating a decompression object and before calling jpeg_read_header(), because the markers of interest will typically be near the head of the file and so will be scanned by jpeg_read_header. Once you've established a marker handling method, it will be used for the life of that decompression object (potentially many datastreams), unless you change it. Marker handling is determined separately for COM markers and for each APPn marker code.

To save the contents of special markers in memory, call jpeg_save_markers(cinfo, marker_code, length_limit)
where marker_code is the marker type to save, JPEG_COM or JPEG_APP0+n. (To arrange to save all the special marker types, you need to call this routine 17 times, for COM and APP0-APP15.) If the incoming marker is longer than length_limit data bytes, only length_limit bytes will be saved; this parameter allows you to avoid chewing up memory when you only need to see the first few bytes of a potentially large marker. If you want to save all the data, set length_limit to 0xFFFF; that is enough since marker lengths are only 16 bits. As a special case, setting length_limit to 0 prevents that marker type from being saved at all. (That is the default behavior, in fact.)

After jpeg_read_header() completes, you can examine the special markers by following the cinfo->marker_list pointer chain. All the special markers in the file appear in this list, in order of their occurrence in the file (but omitting any markers of types you didn't ask for). Both the original data
length and the saved data length are recorded for each list entry; the latter will not exceed length_limit for the particular marker type. Note that these lengths exclude the marker length word, whereas the stored representation within the JPEG file includes it. (Hence the maximum data length is really only 65533.)

It is possible that additional special markers appear in the file beyond the SOS marker at which jpeg_read_header stops; if so, the marker list will be extended during reading of the rest of the file. This is not expected to be common, however. If you are short on memory you may want to reset the length limit to zero for all marker types after finishing jpeg_read_header, to ensure that the max_memory_to_use setting cannot be exceeded due to addition of later markers.

The marker list remains stored until you call jpeg_finish_decompress or jpeg_abort, at which point the memory is freed and the list is set to empty. (jpeg_destroy also releases the storage, of course.)

Note that the library is internally interested in APP0 and APP14 markers; if you try to set a small nonzero length limit on these types, the library will silently force the length up to the minimum it wants. (But you can set a zero length limit to prevent them from being saved at all.) Also, in a 16-bit environment, the maximum length limit may be constrained to less than 65533 by malloc() limitations. It is therefore best not to assume that the effective length limit is exactly what you set it to be.

If you want to supply your own marker-reading routine, you do it by calling jpeg_set_marker_processor(). A marker processor routine must have the signature

boolean jpeg_marker_parser_method (j_decompress_ptr cinfo)

Although the marker code is not explicitly passed, the routine can find it in cinfo->unread_marker. At the time of call, the marker proper has been read from the data source module. The processor routine is responsible for reading the marker length word and the remaining parameter bytes, if any. Return TRUE to indicate success. (FALSE should be returned only if you are using a suspending data source and it tells you to suspend. See the standard marker processors in jdmarker.c for appropriate coding methods if you need to use a suspending data source.)

If you override the default APP0 or APP14 processors, it is up to you to recognize JFIF and Adobe markers if you want colorspace recognition to occur properly. We recommend copying and extending the default processors if you want to do that. (A better idea is to save these marker types for later examination by calling jpeg_save_markers(); that method doesn't interfere with the library's own processing of these markers.)

jpeg_set_marker_processor() and jpeg_save_markers() are mutually exclusive
--- if you call one it overrides any previous call to the other, for the particular marker type specified.

A simple example of an external COM processor can be found in djpeg.c. Also, see jpegtran.c for an example of using jpeg_save_markers.

Raw (downsampled) image data
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Some applications need to supply already-downsampled image data to the JPEG compressor, or to receive raw downsampled data from the decompressor. The library supports this requirement by allowing the application to write or read raw data, bypassing the normal preprocessing or postprocessing steps. The interface is different from the standard one and is somewhat harder to use. If your interest is merely in bypassing color conversion, we recommend that you use the standard interface and simply set jpeg_color_space = in_color_space (or jpeg_color_space = out_color_space for decompression). The mechanism described in this section is necessary only to supply or receive downsampled image data, in which not all components have the same dimensions.

To compress raw data, you must supply the data in the colorspace to be used in the JPEG file (please read the earlier section on Special color spaces) and downsampled to the sampling factors specified in the JPEG parameters. You must supply the data in the format used internally by the JPEG library, namely a JSAMPIMAGE array. This is an array of pointers to two-dimensional arrays, each of type JSAMPARRAY. Each 2-D array holds the values for one color component. This structure is necessary since the components are of different sizes. If the image dimensions are not a multiple of the MCU size, you must also pad the data correctly (usually, this is done by replicating the last column and/or row). The data must be padded to a multiple of a DCT block in each component: that is, each downsampled row must contain a multiple of 8 valid samples, and there must be a multiple of 8 sample rows for each component. (For applications such as conversion of digital TV images, the standard image size is usually a multiple of the DCT block size, so that no padding need actually be done.)

The procedure for compression of raw data is basically the same as normal compression, except that you call jpeg_write_raw_data() in place of jpeg_write_scanlines(). Before calling jpeg_start_compress(), you must do the following:
* Set cinfo->raw_data_in to TRUE. (It is set FALSE by jpeg_set_defaults().) This notifies the library that you will be supplying raw data.
* Ensure jpeg_color_space is correct --- an explicit jpeg_set_colorspace() call is a good idea. Note that since color conversion is bypassed, in_color_space is ignored, except that jpeg_set_defaults() uses it to
choose the default jpeg_color_space setting.
* Ensure the sampling factors, cinfo->comp_info[i].h_samp_factor and
cinfo->comp_info[i].v_samp_factor, are correct. Since these indicate the
dimensions of the data you are supplying, it's wise to set them
explicitly, rather than assuming the library's defaults are what you want.

To pass raw data to the library, call jpeg_write_raw_data() in place of
jpeg_write_scanlines(). The two routines work similarly except that
jpeg_write_raw_data takes a JSAMPIMAGE data array rather than JSAMPARRAY.
The scanlines count passed to and returned from jpeg_write_raw_data is
measured in terms of the component with the largest v_samp_factor.

jpeg_write_raw_data() processes one MCU row per call, which is to say
v_samp_factor*DCTSIZE sample rows of each component. The passed num_lines
value must be at least max_v_samp_factor*DCTSIZE, and the return value will
be exactly that amount (or possibly some multiple of that amount, in future
library versions). This is true even on the last call at the bottom of the
image; don't forget to pad your data as necessary.

The required dimensions of the supplied data can be computed for each
component as
cinfo->comp_info[i].width_in_blocks*DCTSIZE samples per row
cinfo->comp_info[i].height_in_blocks*DCTSIZE rows in image
after jpeg_start_compress() has initialized those fields. If the valid data
is smaller than this, it must be padded appropriately. For some sampling
factors and image sizes, additional dummy DCT blocks are inserted to make
the image a multiple of the MCU dimensions. The library creates such dummy
blocks itself; it does not read them from your supplied data. Therefore you
need never pad by more than DCTSIZE samples. An example may help here.
Assume 2h2v downsampling of YCbCr data, that is
cinfo->comp_info[0].h_samp_factor = 2 for Y
cinfo->comp_info[0].v_samp_factor = 2
cinfo->comp_info[1].h_samp_factor = 1 for Cb
cinfo->comp_info[1].v_samp_factor = 1
cinfo->comp_info[2].h_samp_factor = 1 for Cr
cinfo->comp_info[2].v_samp_factor = 1
and suppose that the nominal image dimensions (cinfo->image_width and
cinfo->image_height) are 101x101 pixels. Then jpeg_start_compress() will
compute downsampled_width = 101 and width_in_blocks = 13 for Y,
downsamed_width = 51 and width_in_blocks = 7 for Cb and Cr (and the same
for the height fields). You must pad the Y data to at least 13*8 = 104
columns and rows, the Cb/Cr data to at least 7*8 = 56 columns and rows. The
MCU height is max_v_samp_factor = 2 DCT rows so you must pass at least 16
scanlines on each call to jpeg_write_raw_data(), which is to say 16 actual
sample rows of Y and 8 each of Cb and Cr. A total of 7 MCU rows are needed,
so you must pass a total of 7*16 = 112 "scanlines". The last DCT block row
of Y data is dummy, so it doesn't matter what you pass for it in the data
arrays, but the scanlines count must total up to 112 so that all of the Cb
Output suspension is supported with raw-data compression: if the data destination module suspends, jpeg_write_raw_data() will return 0. In this case the same data rows must be passed again on the next call.

Decompression with raw data output implies bypassing all postprocessing: you cannot ask for rescaling or color quantization, for instance. More seriously, you must deal with the color space and sampling factors present in the incoming file. If your application only handles, say, 2h1v YCbCr data, you must check for and fail on other color spaces or other sampling factors. The library will not convert to a different color space for you.

To obtain raw data output, set cinfo->raw_data_out = TRUE before jpeg_start_decompress() (it is set FALSE by jpeg_read_header()). Be sure to verify that the color space and sampling factors are ones you can handle. Then call jpeg_read_raw_data() in place of jpeg_read_scanlines(). The decompression process is otherwise the same as usual.

jpeg_read_raw_data() returns one MCU row per call, and thus you must pass a buffer of at least max_v_samp_factor*DCTSIZE scanlines (scanline counting is the same as for raw-data compression). The buffer you pass must be large enough to hold the actual data plus padding to DCT-block boundaries. As with compression, any entirely dummy DCT blocks are not processed so you need not allocate space for them, but the total scanline count includes them. The above example of computing buffer dimensions for raw-data compression is equally valid for decompression.

Input suspension is supported with raw-data decompression: if the data source module suspends, jpeg_read_raw_data() will return 0. You can also use buffered-image mode to read raw data in multiple passes.

Really raw data: DCT coefficients

It is possible to read or write the contents of a JPEG file as raw DCT coefficients. This facility is mainly intended for use in lossless transcoding between different JPEG file formats. Other possible applications include lossless cropping of a JPEG image, lossless reassembly of a multi-strip or multi-tile TIFF/JPEG file into a single JPEG datastream, etc.

To read the contents of a JPEG file as DCT coefficients, open the file and do jpeg_read_header() as usual. But instead of calling jpeg_start_decompress() and jpeg_read_scanlines(), call jpeg_read_coefficients(). This will read the entire image into a set of virtual coefficient-block arrays, one array per component. The return value is a pointer to an array of virtual-array
Each virtual array can be accessed directly using the JPEG memory manager's access_virt_barray method (see Memory management, below, and also read structure.txt's discussion of virtual array handling). Or, for simple transcoding to a different JPEG file format, the array list can just be handed directly to jpeg_write_coefficients().

Each block in the block arrays contains quantized coefficient values in normal array order (not JPEG zigzag order). The block arrays contain only DCT blocks containing real data; any entirely-dummy blocks added to fill out interleaved MCUs at the right or bottom edges of the image are discarded during reading and are not stored in the block arrays. (The size of each block array can be determined from the width_in_blocks and height_in_blocks fields of the component's comp_info entry.) This is also the data format expected by jpeg_write_coefficients().

When you are done using the virtual arrays, call jpeg_finish_decompress() to release the array storage and return the decompression object to an idle state; or just call jpeg_destroy() if you don't need to reuse the object.

If you use a suspending data source, jpeg_read_coefficients() will return NULL if it is forced to suspend; a non-NULL return value indicates successful completion. You need not test for a NULL return value when using a non-suspending data source.

It is also possible to call jpeg_read_coefficients() to obtain access to the decoder's coefficient arrays during a normal decode cycle in buffered-image mode. This framish might be useful for progressively displaying an incoming image and then re-encoding it without loss. To do this, decode in buffered-image mode as discussed previously, then call jpeg_read_coefficients() after the last jpeg_finish_output() call. The arrays will be available for your use until you call jpeg_finish_decompress().

To write the contents of a JPEG file as DCT coefficients, you must provide the DCT coefficients stored in virtual block arrays. You can either pass block arrays read from an input JPEG file by jpeg_read_coefficients(), or allocate virtual arrays from the JPEG compression object and fill them yourself. In either case, jpeg_write_coefficients() is substituted for jpeg_start_compress() and jpeg_write_scanlines(). Thus the sequence is

* Create compression object
* Set all compression parameters as necessary
* Request virtual arrays if needed
* jpeg_write_coefficients()
* jpeg_finish_compress()
* Destroy or re-use compression object

jpeg_write_coefficients() is passed a pointer to an array of virtual block array descriptors; the number of arrays is equal to cinfo.num_components.
The virtual arrays need only have been requested, not realized, before
jpeg_write_coefficients() is called. A side-effect of
jpeg_write_coefficients() is to realize any virtual arrays that have been
requested from the compression object's memory manager. Thus, when obtaining
the virtual arrays from the compression object, you should fill the arrays
after calling jpeg_write_coefficients(). The data is actually written out
when you call jpeg_finish_compress(); jpeg_write_coefficients() only writes
the file header.

When writing raw DCT coefficients, it is crucial that the JPEG quantization
tables and sampling factors match the way the data was encoded, or the
resulting file will be invalid. For transcoding from an existing JPEG file,
we recommend using jpeg_copy_critical_parameters(). This routine initializes
all the compression parameters to default values (like jpeg_set_defaults()),
then copies the critical information from a source decompression object.
The decompression object should have just been used to read the entire
JPEG input file --- that is, it should be awaiting jpeg_finish_decompress().

jpeg_write_coefficients() marks all tables stored in the compression object
as needing to be written to the output file (thus, it acts like
jpeg_start_compress(cinfo, TRUE)). This is for safety’s sake, to avoid
emitting abbreviated JPEG files by accident. If you really want to emit an
abbreviated JPEG file, call jpeg Suppress_tables(), or set the tables’
individual sent_table flags, between calling jpeg_write_coefficients() and
jpeg_finish_compress().

Progress monitoring
---------------------

Some applications may need to regain control from the JPEG library every so
often. The typical use of this feature is to produce a percent-done bar or
other progress display. (For a simple example, see cjpeg.c or djpeg.c.)
Although you do get control back frequently during the data-transferring pass
(the jpeg_read_scanlines or jpeg_write_scanlines loop), any additional passes
will occur inside jpeg_finish_compress or jpeg_start_decompress; those
routines may take a long time to execute, and you don’t get control back
until they are done.

You can define a progress-monitor routine which will be called periodically
by the library. No guarantees are made about how often this call will occur,
so we don’t recommend you use it for mouse tracking or anything like that.
At present, a call will occur once per MCU row, scanline, or sample row
group, whichever unit is convenient for the current processing mode; so the
wider the image, the longer the time between calls. During the data
transferring pass, only one call occurs per call of jpeg_read_scanlines or
jpeg_write_scanlines, so don’t pass a large number of scanlines at once if
you want fine resolution in the progress count. (If you really need to use
the callback mechanism for time-critical tasks like mouse tracking, you could insert additional calls inside some of the library's inner loops.)

To establish a progress-monitor callback, create a struct jpeg_progress_mgr, fill in its progress_monitor field with a pointer to your callback routine, and set cinfo->progress to point to the struct. The callback will be called whenever cinfo->progress is non-NULL. (This pointer is set to NULL by jpeg_create_compress or jpeg_create_decompress; the library will not change it thereafter. So if you allocate dynamic storage for the progress struct, make sure it will live as long as the JPEG object does. Allocating from the JPEG memory manager with lifetime JPOOL_PERMANENT will work nicely.) You can use the same callback routine for both compression and decompression.

The jpeg_progress_mgr struct contains four fields which are set by the library:

- long pass_counter;/* work units completed in this pass */
- long pass_limit;/* total number of work units in this pass */
- int completed_passes;/* passes completed so far */
- int total_passes;/* total number of passes expected */

During any one pass, pass_counter increases from 0 up to (not including) pass_limit; the step size is usually but not necessarily 1. The pass_limit value may change from one pass to another. The expected total number of passes is in total_passes, and the number of passes already completed is in completed_passes. Thus the fraction of work completed may be estimated as completed_passes + (pass_counter/pass_limit)

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total_passes

ignoring the fact that the passes may not be equal amounts of work.

When decompressing, pass_limit can even change within a pass, because it depends on the number of scans in the JPEG file, which isn't always known in advance. The computed fraction-of-work-done may jump suddenly (if the library discovers it has overestimated the number of scans) or even decrease (in the opposite case). It is not wise to put great faith in the work estimate.

When using the decompressor's buffered-image mode, the progress monitor work estimate is likely to be completely unhelpful, because the library has no way to know how many output passes will be demanded of it. Currently, the library sets total_passes based on the assumption that there will be one more output pass if the input file end hasn't yet been read (jpeg_input_complete() isn't TRUE), but no more output passes if the file end has been reached when the output pass is started. This means that total_passes will rise as additional output passes are requested. If you have a way of determining the input file size, estimating progress based on the fraction of the file that's been read will probably be more useful than using the library's value.

Memory management

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This section covers some key facts about the JPEG library's built-in memory manager. For more info, please read structure.txt's section about the memory manager, and consult the source code if necessary.

All memory and temporary file allocation within the library is done via the memory manager. If necessary, you can replace the "back end" of the memory manager to control allocation yourself (for example, if you don't want the library to use malloc() and free() for some reason).

Some data is allocated "permanently" and will not be freed until the JPEG object is destroyed. Most data is allocated "per image" and is freed by jpeg_finish_compress, jpeg_finish_decompress, or jpeg_abort. You can call the memory manager yourself to allocate structures that will automatically be freed at these times. Typical code for this is

\[ \text{ptr} = (*\text{cinfo->mem->alloc_small}) ((\text{j_common_ptr}) \text{cinfo}, \text{JPOOL_IMAGE}, \text{size}); \]

Use JPOOL_PERMANENT to get storage that lasts as long as the JPEG object. Use alloc_large instead of alloc_small for anything bigger than a few Kbytes.

There are also alloc_sarray and alloc_barray routines that automatically build 2-D sample or block arrays.

The library's minimum space requirements to process an image depend on the image's width, but not on its height, because the library ordinarily works with "strip" buffers that are as wide as the image but just a few rows high.

Some operating modes (eg, two-pass color quantization) require full-image buffers. Such buffers are treated as "virtual arrays": only the current strip need be in memory, and the rest can be swapped out to a temporary file.

If you use the simplest memory manager back end (jmemnobs.c), then no temporary files are used; virtual arrays are simply malloc()'d. Images bigger than memory can be processed only if your system supports virtual memory.

The other memory manager back ends support temporary files of various flavors and thus work in machines without virtual memory. They may also be useful on Unix machines if you need to process images that exceed available swap space.

When using temporary files, the library will make the in-memory buffers for its virtual arrays just big enough to stay within a "maximum memory" setting. Your application can set this limit by setting cinfo->mem->max_memory_to_use after creating the JPEG object. (Of course, there is still a minimum size for the buffers, so the max-memory setting is effective only if it is bigger than the minimum space needed.) If you allocate any large structures yourself, you must allocate them before jpeg_start_compress() or jpeg_start_decompress() in order to have them counted against the max memory limit. Also keep in mind that space allocated with alloc_small() is ignored, on the assumption that it's too small to be worth worrying about; so a reasonable safety margin should be left when setting max_memory_to_use.

If you use the jmemname.c or jmemdos.c memory manager back end, it is
important to clean up the JPEG object properly to ensure that the temporary files get deleted. (This is especially crucial with jmemdos.c, where the "temporary files" may be extended-memory segments; if they are not freed, DOS will require a reboot to recover the memory.) Thus, with these memory managers, it's a good idea to provide a signal handler that will trap any early exit from your program. The handler should call either jpeg_abort() or jpeg_destroy() for any active JPEG objects. A handler is not needed with jmemnobs.c, and shouldn't be necessary with jmemansi.c or jmemmac.c either, since the C library is supposed to take care of deleting files made with tmpfile().

Memory usage

Working memory requirements while performing compression or decompression depend on image dimensions, image characteristics (such as colorspace and JPEG process), and operating mode (application-selected options).

As of v6b, the decompressor requires:
1. About 24K in more-or-less-fixed-size data. This varies a bit depending on operating mode and image characteristics (particularly color vs. grayscale), but it doesn't depend on image dimensions.
2. Strip buffers (of size proportional to the image width) for IDCT and upsampling results. The worst case for commonly used sampling factors is about 34 bytes * width in pixels for a color image. A grayscale image only needs about 8 bytes per pixel column.
3. A full-image DCT coefficient buffer is needed to decode a multi-scan JPEG file (including progressive JPEGs), or whenever you select buffered-image mode. This takes 2 bytes/coefficent. At typical 2x2 sampling, that's 3 bytes per pixel for a color image. Worst case (1x1 sampling) requires 6 bytes/pixel. For grayscale, figure 2 bytes/pixel.
4. To perform 2-pass color quantization, the decompressor also needs a 128K color lookup table and a full-image pixel buffer (3 bytes/pixel). This does not count any memory allocated by the application, such as a buffer to hold the final output image.

The above figures are valid for 8-bit JPEG data precision and a machine with 32-bit ints. For 12-bit JPEG data, double the size of the strip buffers and quantization pixel buffer. The "fixed-size" data will be somewhat smaller with 16-bit ints, larger with 64-bit ints. Also, CMYK or other unusual color spaces will require different amounts of space.

The full-image coefficient and pixel buffers, if needed at all, do not have to be fully RAM resident; you can have the library use temporary files instead when the total memory usage would exceed a limit you set. (But if your OS supports virtual memory, it's probably better to just use jmemnobs and let the OS do the swapping.)
The compressor's memory requirements are similar, except that it has no need for color quantization. Also, it needs a full-image DCT coefficient buffer if Huffman-table optimization is asked for, even if progressive mode is not requested.

If you need more detailed information about memory usage in a particular situation, you can enable the MEM_STATS code in jmemmgr.c.

Library compile-time options
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A number of compile-time options are available by modifying jmorecfg.h. The JPEG standard provides for both the baseline 8-bit DCT process and a 12-bit DCT process. The IJG code supports 12-bit lossy JPEG if you define BITS_IN_JSAMPLE as 12 rather than 8. Note that this causes JSAMPLE to be larger than a char, so it affects the surrounding application's image data. The sample applications cjpeg and djpeg can support 12-bit mode only for PPM and GIF file formats; you must disable the other file formats to compile a 12-bit cjpeg or djpeg. (install.txt has more information about that.)

At present, a 12-bit library can handle *only* 12-bit images, not both precisions. (If you need to include both 8- and 12-bit libraries in a single application, you could probably do it by defining NEED_SHORT_EXTERNAL_NAMES for just one of the copies. You'd have to access the 8-bit and 12-bit copies from separate application source files. This is untested ... if you try it, we'd like to hear whether it works!)

Note that a 12-bit library always compresses in Huffman optimization mode, in order to generate valid Huffman tables. This is necessary because our default Huffman tables only cover 8-bit data. If you need to output 12-bit files in one pass, you'll have to supply suitable default Huffman tables.

You may also want to supply your own DCT quantization tables; the existing quality-scaling code has been developed for 8-bit use, and probably doesn't generate especially good tables for 12-bit.

The maximum number of components (color channels) in the image is determined by MAX_COMPONENTS. The JPEG standard allows up to 255 components, but we expect that few applications will need more than four or so.

On machines with unusual data type sizes, you may be able to improve performance or reduce memory space by tweaking the various typedefs in jmorecfg.h. In particular, on some RISC CPUs, access to arrays of "short"s is quite slow; consider trading memory for speed by making JCOEF, INT16, and UINT16 be "int" or "unsigned int". UINT8 is also a candidate to become int. You probably don't want to make JSAMPLE be int unless you have lots of memory to burn.
You can reduce the size of the library by compiling out various optional functions. To do this, undefine xxx_SUPPORTED symbols as necessary.

You can also save a few K by not having text error messages in the library; the standard error message table occupies about 5Kb. This is particularly reasonable for embedded applications where there's no good way to display a message anyway. To do this, remove the creation of the message table (jpeg_std_message_table[]) from jerror.c, and alter format_message to do something reasonable without it. You could output the numeric value of the message code number, for example. If you do this, you can also save a couple more K by modifying the TRACEMSn() macros in jerror.h to expand to nothing; you don't need trace capability anyway, right?

Portability considerations
--------------------------

The JPEG library has been written to be extremely portable; the sample applications cjpeg and djpeg are slightly less so. This section summarizes the design goals in this area. (If you encounter any bugs that cause the library to be less portable than is claimed here, we'd appreciate hearing about them.)

The code works fine on ANSI C, C++, and pre-ANSI C compilers, using any of the popular system include file setups, and some not-so-popular ones too. See install.txt for configuration procedures.

The code is not dependent on the exact sizes of the C data types. As distributed, we make the assumptions that

- char is at least 8 bits wide
- short is at least 16 bits wide
- int is at least 16 bits wide
- long is at least 32 bits wide

(These are the minimum requirements of the ANSI C standard.) Wider types will work fine, although memory may be used inefficiently if char is much larger than 8 bits or short is much bigger than 16 bits. The code should work equally well with 16- or 32-bit ints.

In a system where these assumptions are not met, you may be able to make the code work by modifying the typedefs in jmorecfg.h. However, you will probably have difficulty if int is less than 16 bits wide, since references to plain int abound in the code.

char can be either signed or unsigned, although the code runs faster if an unsigned char type is available. If char is wider than 8 bits, you will need to redefine JOCTET and/or provide custom data source/destination managers so that JOCTET represents exactly 8 bits of data on external storage.
The JPEG library proper does not assume ASCII representation of characters. But some of the image file I/O modules in cjpeg/djpeg do have ASCII dependencies in file-header manipulation; so does cjpeg's select_file_type() routine.

The JPEG library does not rely heavily on the C library. In particular, C stdio is used only by the data source/destination modules and the error handler, all of which are application-replaceable. (cjpeg/djpeg are more heavily dependent on stdio.) malloc and free are called only from the memory manager "back end" module, so you can use a different memory allocator by replacing that one file.

The code generally assumes that C names must be unique in the first 15 characters. However, global function names can be made unique in the first 6 characters by defining NEED_SHORT_EXTERNAL_NAMES.

More info about porting the code may be gleaned by reading jconfig.txt, jmorecfg.h, and jinclude.h.

Notes for MS-DOS implementors
---------------------------------

The IJG code is designed to work efficiently in 80x86 "small" or "medium" memory models (i.e., data pointers are 16 bits unless explicitly declared "far"; code pointers can be either size). You may be able to use small model to compile cjpeg or djpeg by itself, but you will probably have to use medium model for any larger application. This won't make much difference in performance. You *will* take a noticeable performance hit if you use a large-data memory model (perhaps 10%-25%), and you should avoid "huge" model if at all possible.

The JPEG library typically needs 2Kb-3Kb of stack space. It will also malloc about 20K-30K of near heap space while executing (and lots of far heap, but that doesn't count in this calculation). This figure will vary depending on selected operating mode, and to a lesser extent on image size. There is also about 5Kb-6Kb of constant data which will be allocated in the near data segment (about 4Kb of this is the error message table). Thus you have perhaps 20K available for other modules' static data and near heap space before you need to go to a larger memory model. The C library's static data will account for several K of this, but that still leaves a good deal for your needs. (If you are tight on space, you could reduce the sizes of the I/O buffers allocated by jdatasrc.c and jdatadst.c, say from 4K to 1K. Another possibility is to move the error message table to far memory; this should be doable with only localized hacking on jerror.c.)

About 2K of the near heap space is "permanent" memory that will not be
released until you destroy the JPEG object. This is only an issue if you
save a JPEG object between compression or decompression operations.

Far data space may also be a tight resource when you are dealing with large
images. The most memory-intensive case is decompression with two-pass color
quantization, or single-pass quantization to an externally supplied color
map. This requires a 128Kb color lookup table plus strip buffers amounting
to about 40 bytes per column for typical sampling ratios (eg, about 25600
bytes for a 640-pixel-wide image). You may not be able to process wide
images if you have large data structures of your own.

Of course, all of these concerns vanish if you use a 32-bit flat-memory-model
compiler, such as DJGPP or Watcom C. We highly recommend flat model if you
can use it; the JPEG library is significantly faster in flat model.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/libjpeg.txt
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TurboJPEG Java Wrapper
======================

The TurboJPEG shared library can optionally be built with a Java Native
Interface wrapper, which allows the library to be loaded and used directly from
Java applications. The Java front end for this is defined in several classes
located under org/libjpegturbo/turbojpeg. The source code for these Java
classes is licensed under a BSD-style license, so the files can be incorporated
directly into both open source and proprietary projects without restriction. A
Java archive (JAR) file containing these classes is also shipped with the
"official" distribution packages of libjpeg-turbo.

TJExample.java, which should also be located in the same directory as this
README file, demonstrates how to use the TurboJPEG Java API to compress and
decompress JPEG images in memory.

Performance Pitfalls
-------------------

The TurboJPEG Java API defines several convenience methods that can allocate
image buffers or instantiate classes to hold the result of compress,
decompress, or transform operations. However, if you use these methods, then
be mindful of the amount of new data you are creating on the heap. It may be
necessary to manually invoke the garbage collector to prevent heap exhaustion
or to prevent performance degradation. Background garbage collection can kill
performance, particularly in a multi-threaded environment (Java pauses all
threads when the GC runs.)
The TurboJPEG Java API always gives you the option of pre-allocating your own source and destination buffers, which allows you to re-use those buffers for compressing/decompressing multiple images. If the image sequence you are compressing or decompressing consists of images of the same size, then pre-allocating the buffers is recommended.

Installation Directory
----------------------

If the TurboJPEG JNI library (libturbojpeg.so, libturbojpeg.jnilib, or turbojpeg.dll) is not installed under a system library directory or under a directory specified in LD_LIBRARY_PATH (Unix) or PATH (Windows), then you will need to pass an argument of -Djava.library.path={path_to_JNI_library} to java.

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/*
 * jdcolex.c
 *
 * This file was part of the Independent JPEG Group's software:
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modifications:
 * Copyright (C) 2009, 2011, D. R. Commander.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains output colorspace conversion routines.
 */

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/*
 * cdjpeg.h
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains common declarations for the sample applications
 * cjpeg and djpeg. It is NOT used by the core JPEG library.
 */
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; For conditions of distribution and use, see copyright notice in jsimdext.inc
; for more details.

No license file was found, but licenses were detected in source scan.

/*
 * jsimddct.h
 *
 * Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
 *
 * Based on the x86 SIMD extension for IJG JPEG library,
 * Copyright (C) 1999-2006, MIYASAKA Masaru.
 * For conditions of distribution and use, see copyright notice in jsimdext.inc
 *
*/

/*
 * jcmarker.c
 */
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* Copyright (C) 1991-1998, Thomas G. Lane.
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* This file contains routines to write JPEG datastream markers.
*/

Found in path(s):
*/opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcmarker.c
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/*
*jmemmgr.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains the JPEG system-independent memory management
* routines. This code is usable across a wide variety of machines; most
* of the system dependencies have been isolated in a separate file.
* The major functions provided here are:
* * pool-based allocation and freeing of memory;
* * policy decisions about how to divide available memory among the
* virtual arrays;
* * control logic for swapping virtual arrays between main memory and
* backing storage.
* The separate system-dependent file provides the actual backing-storage
* access code, and it contains the policy decision about how much total
* main memory to use.
* This file is system-dependent in the sense that some of its functions
* are unnecessary in some systems. For example, if there is enough virtual
* memory so that backing storage will never be used, much of the virtual
* array control logic could be removed. (Of course, if you have that much
* memory then you shouldn't care about a little bit of unused code...)
*/

Found in path(s):
*/opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jcmembrgr.c
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/*
*jidctflt.c
* Copyright (C) 1994-1998, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains a floating-point implementation of the
* inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
* must also perform dequantization of the input coefficients.
*
* This implementation should be more accurate than either of the integer
* IDCT implementations. However, it may not give the same results on all
* machines because of differences in roundoff behavior. Speed will depend
* on the hardware's floating point capacity.
*
* A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
* on each row (or vice versa, but it's more convenient to emit a row at
* a time). Direct algorithms are also available, but they are much more
* complex and seem not to be any faster when reduced to code.
*
* This implementation is based on Arai, Agui, and Nakajima's algorithm for
* scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
* Japanese, but the algorithm is described in the Pennebaker & Mitchell
* JPEG textbook (see REFERENCES section in file README). The following code
* is based directly on figure 4-8 in P&M.
* While an 8-point DCT cannot be done in less than 11 multiplies, it is
* possible to arrange the computation so that many of the multiplies are
* simple scalings of the final outputs. These multiplies can then be
* folded into the multiplications or divisions by the JPEG quantization
* table entries. The AA&N method leaves only 5 multiplies and 29 adds
* to be done in the DCT itself.
* The primary disadvantage of this method is that with a fixed-point
* implementation, accuracy is lost due to imprecise representation of the
* scaled quantization values. However, that problem does not arise if
* we use floating point arithmetic.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jidctflt.c
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/*
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* POSSIBILITY OF SUCH DAMAGE.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/tbench.c
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/tjunittest.c
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/turbojpeg.c
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/turbojpeg.h
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/java/TJBench.java

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*/

* jsimd_none.c

* Copyright 2009 Pierre Ossman <ossman@cendio.se> for Cendio AB
* Copyright 2009-2011 D. R. Commander
*
* Based on the x86 SIMD extension for IJG JPEG library,
* Copyright (C) 1999-2006, MIYASAKA Masaru.
* For conditions of distribution and use, see copyright notice in jsimdext.inc
*
* This file contains stubs for when there is no SIMD support available.
*/
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License: BSD-style
libjpeg-turbo rivals that of proprietary high-speed JPEG codecs.

libjpeg-turbo note: This image was extracted from the 8-bit nightshot_iso_100 image. The original can be downloaded at the link below.

The New Image Compression Test Set - Jan 2008
http://www.imagecompression.info/test_images

The images historically used for compression research (lena, barbra, pepper etc...) have outlived their useful life and its about time they become a part of history only. They are too small, come from data sources too old and are available in only 8-bit precision.

These images have been carefully selected to aid in image compression algorithm research and evaluation. These are
photographic images chosen to come from a wide variety of sources and each one picked to stress different aspects of algorithms. Images are available in 8-bit, 16-bit and 16-bit linear variations, RGB and gray.

Images are available without any prohibitive copyright restrictions.

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Acknowledgments: A lot of people contributed a lot of time and effort in making this test set possible. Thanks to everyone who voiced their opinion in any of the discussions online. Thanks to Axel Becker, Thomas Richter and Niels Frhling for their extensive help in picking images, running all the various tests etc... Thanks to Pete Fraser, Tony Story, Wayne J. Cosshall, David Coffin, Bruce Lindbloom and raw.fotosite.pl for the images which make up this set.

Sachin Garg [India]
sachingarg@c10n.info


Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/testimages/nightshot_iso_100.txt

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/*
 * jfdctfst.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a fast, not so accurate integer implementation of the
 * forward DCT (Discrete Cosine Transform).
 *
 * A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
 * on each column. Direct algorithms are also available, but they are
 * much more complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on Arai, Agui, and Nakajima's algorithm for
 * scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
* Japanese, but the algorithm is described in the Pennebaker & Mitchell
* JPEG textbook (see REFERENCES section in file README). The following code
* is based directly on figure 4-8 in P&M.
* While an 8-point DCT cannot be done in less than 11 multiplies, it is
* possible to arrange the computation so that many of the multiplies are
* simple scalings of the final outputs. These multiplies can then be
* folded into the multiplications or divisions by the JPEG quantization
* table entries. The AA&N method leaves only 5 multiplies and 29 adds
* to be done in the DCT itself.
* The primary disadvantage of this method is that with fixed-point math,
* accuracy is lost due to imprecise representation of the scaled
* quantization values. The smaller the quantization table entry, the less
* precise the scaled value, so this implementation does worse with high-
* quality-setting files than with low-quality ones.
*/

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/jfdctfst.c
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/*
 * wrlle.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in RLE format.
 * The Utah Raster Toolkit library is required (version 3.1 or later).
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 *
 * Based on code contributed by Mike Lijewski,
 * with updates from Robert Hutchinson.
 */

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/wrlle.c
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* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-
archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jclrmmx.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jclrmmx.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdclrss2.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdclrss2-64.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdcolmmx.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdcolmmx.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdcolmmx.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdcolmmx.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdcolmmx.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdsamss2-64.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdsamss2-64.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jdsamss2-64.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jiss2flt-64.asm
*/
* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/simd/jiss2flt-64.asm
*/
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*
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* an ordinary stdio stream.
*/

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* /opt/ws_local/PERMITS_SQL/1007828089_1591902017.54/0/libjpeg-turbo-1.2.90-8.el7.src.rpm-cosi-expand-archive-izMLZnt8/libjpeg-turbo-1.2.90.tar.gz-cosi-expand-archive-Cd49Tbdd/libjpeg-turbo-1.2.90/wrppm.c

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Nori Korean Morphological Analyzer - Apache Lucene Integration
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mecab-ko-dic-2.0.3-20170922

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1.2917 log4j-jboss-logmanager 1.1.6.Final

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*/

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 * Base permission description which is visible to authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

    /**
     * Indicates that this permission has been allocated by default.
     * Authorization View handlers may use this property in order to restrict
     * the list of scopes which may be refused to non-default scopes only
     * @param isDefault
     */

}
public void setDefault(boolean value) {
    this.isDefault = value;
}

custom boolean isDefault() {
    return isDefault;
}

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import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
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 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;

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* /opt/cola/permits/1148131194_1646350055.32/0/ehcache-1-2-sources-1-jar/src/net/sf/ehcache/hibernate/EhCacheProvider.java

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/∗ /opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources-jar/springfox/documentation/spi/service/contexts/ParameterContext.java
/∗ /opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources-jar/springfox/documentation/spi/service/contexts/OperationModelContextsBuilder.java
/∗ /opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources-jar/springfox/documentation/spi/schema/contexts/ModelContext.java
/∗ /opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources-jar/springfox/documentation/spi/service/contexts/ParameterExpansionContext.java
/∗ /opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources-jar/springfox/documentation/spi/service/contexts/RequestMappingContext.java

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/ opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources.jar/springfox/documentation/spi/service/DefaultsProviderPlugin.java
/ opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources.jar/springfox/documentation/spi/service/contexts/DocumentationContextBuilder.java
/ opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources.jar/springfox/documentation/spi/service/contexts/SecurityContextBuilder.java
/ opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources.jar/springfox/documentation/spi/service/OperationBuilderPlugin.java
/ opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources.jar/springfox/documentation/spi/schema/TypeNameProviderPlugin.java
/ opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources.jar/springfox/documentation/spi/schema/ModelPropertyBuilderPlugin.java

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/ opt/ cola/ permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources.jar/springfox/documentation/spi/service/DefaultsProviderPlugin.java
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/ opt/ cola/ permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources.jar/springfox/documentation/spi/service/contexts/SecurityContextBuilder.java
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* /opt/cola/permits/1001071293_1646171656.32/0/springfox-spi-2-8-0-sources-
  jar/springfox/documentation/spi/service/RequestHandlerCombiner.java

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 *
* This file contains routines to write output images in Targa format.
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* Based on code contributed by Lee Daniel Crocker.
*/

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* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
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* The routines in jdapimin.c will also be needed by a transcoder.
*/

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* This file contains routines to read input images in GIF format.
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* the ability to read GIF files has been removed from the IJG distribution.
* Sorry about that.
* We are required to state that
THE JPEG LIBRARY

Include files:

jpeglib.h  JPEG library's exported data and function declarations.
jconfig.h  Configuration declarations. Note: this file is not present in the distribution; it is generated during installation.
jmorecfg.h  Additional configuration declarations; need not be changed for a standard installation.
jerror.h  Declares JPEG library's error and trace message codes.
jinclude.h  Central include file used by all IJG .c files to reference system include files.
jpegint.h  JPEG library's internal data structures.
jdct.h  Private declarations for forward & reverse DCT subsystems.
jmemsys.h  Private declarations for memory management subsystem.
jversion.h  Version information.

Applications using the library should include jpeglib.h (which in turn includes jconfig.h and jmorecfg.h). Optionally, jerror.h may be included if the application needs to reference individual JPEG error codes. The other include files are intended for internal use and would not normally
be included by an application program. (cjpeg/djpeg/etc do use jinclude.h, since its function is to improve portability of the whole IJG distribution. Most other applications will directly include the system include files they want, and hence won't need jinclude.h.)

C source code files:

These files contain most of the functions intended to be called directly by an application program:

jcapimin.c  Application program interface: core routines for compression.
jcapistd.c  Application program interface: standard compression.
jdapimin.c  Application program interface: core routines for decompression.
jdapistd.c  Application program interface: standard decompression.
jcomapi.c  Application program interface routines common to compression and decompression.
jparam.c  Compression parameter setting helper routines.
jtrans.c  API and library routines for transcoding compression.
jdtrans.c  API and library routines for transcoding decompression.

Compression side of the library:

jcinit.c  Initialization: determines which other modules to use.
jcmaster.c  Master control: setup and inter-pass sequencing logic.
jcmaintct.c  Main buffer controller (preprocessor => JPEG compressor).
jcmrept.c  Preprocessor buffer controller.
jccoefct.c  Buffer controller for DCT coefficient buffer.
jccolor.c  Color space conversion.
jcsample.c  Downsampling.
jcdctmgr.c  DCT manager (DCT implementation selection & control).
jfdctint.c  Forward DCT using slow-but-accurate integer method.
jfdctfst.c  Forward DCT using faster, less accurate integer method.
jfdctflt.c  Forward DCT using floating-point arithmetic.
jchuff.c  Huffman entropy coding.
jcarith.c  Arithmetic entropy coding.
jcmarker.c  JPEG marker writing.
jdatadst.c  Data destination managers for memory and stdout output.

Decompression side of the library:

jdmaster.c  Master control: determines which other modules to use.
jdinout.c  Input controller: controls input processing modules.
jdmaintct.c  Main buffer controller (JPEG decompressor => postprocessor).
jdcoefficientct.c  Buffer controller for DCT coefficient buffer.
jdpostct.c  Postprocessor buffer controller.
jdmarker.c  JPEG marker reading.
jdhuff.c  Huffman entropy decoding.
jdarith.c Arithmetic entropy decoding.
jddctmgr.c IDCT manager (IDCT implementation selection & control).
jidctint.c Inverse DCT using slow-but-accurate integer method.
jidctfst.c Inverse DCT using faster, less accurate integer method.
jidctflt.c Inverse DCT using floating-point arithmetic.
jdsample.c Upsampling.
jdcolor.c Color space conversion.
jdmerge.c Merged upsampling/color conversion (faster, lower quality).
jquant1.c One-pass color quantization using a fixed-spacing colormap.
jquant2.c Two-pass color quantization using a custom-generated colormap.
Also handles one-pass quantization to an externally given map.
jdatasrc.c Data source managers for memory and stdio input.

Support files for both compression and decompression:

jaricom.c Tables for common use in arithmetic entropy encoding and decoding routines.
jerror.c Standard error handling routines (application replaceable).
jenmemmgr.c System-independent (more or less) memory management code.
juvenv.c Miscellaneous utility routines.

jenmemmgr.c relies on a system-dependent memory management module. The IJG distribution includes the following implementations of the system-dependent module:

jenmnobs.c "No backing store": assumes adequate virtual memory exists.
jenmansi.c Makes temporary files with ANSI-standard routine tmpfile().
jenmname.c Makes temporary files with program-generated file names.
jenmdos.c Custom implementation for MS-DOS (16-bit environment only):
can use extended and expanded memory as well as temp files.
jenmamac.c Custom implementation for Apple Macintosh.

Exactly one of the system-dependent modules should be configured into an installed JPEG library (see install.txt for hints about which one to use). On unusual systems you may find it worthwhile to make a special system-dependent memory manager.

Non-C source code files:

jenemdosa.asm 80x86 assembly code support for jenemdos.c; used only in MS-DOS-specific configurations of the JPEG library.

CJpeg/Djpeg/Jpegtran

Include files:
cdjpeg.h Declarations shared by cjpeg/djpeg/jpegtran modules.
cdeerror.h Additional error and trace message codes for cjpeg et al.
transupp.h Declarations for jpegtran support routines in transupp.c.

C source code files:

cjpeg.c Main program for cjpeg.
djpeg.c Main program for djpeg.
jpegtran.c Main program for jpegtran.
cdjpeg.c Utility routines used by all three programs.
rdcolmap.c Code to read a colormap file for djpeg's "-map" switch.
rdswitch.c Code to process some of cjpeg's more complex switches.
Also used by jpegtran.
transupp.c Support code for jpegtran: lossless image manipulations.

Image file reader modules for cjpeg:

rdbmp.c BMP file input.
rdgif.c GIF file input (now just a stub).
rddppm.c PPM/PGM file input.
rdrle.c Utah RLE file input.
rdtarga.c Targa file input.

Image file writer modules for djpeg:

wrbmp.c BMP file output.
wrgif.c GIF file output (a mere shadow of its former self).
wrppm.c PPM/PGM file output.
wrgle.c Utah RLE file output.
wtarga.c Targa file output.

RDJPGRCOM/WRJPGRCOM

C source code files:

rdjpgcom.c Stand-alone rdjpgcom application.
wrjpgcom.c Stand-alone wrjpgcom application.

These programs do not depend on the IJG library. They do use
jconfig.h and jinclude.h, only to improve portability.

ADDITIONAL FILES

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Documentation (see README for a guide to the documentation files):

README
Master documentation file.
*.txt
Other documentation files.
*.1
Documentation in Unix man page format.
change.log
Version-to-version change highlights.
example.c
Sample code for calling JPEG library.

Configuration/installation files and programs (see install.txt for more info):

counture
Unix shell script to perform automatic configuration.
counture.ac
Source file for use with Autoconf to generate configure.
ltnain.sh
Support scripts for configure (from GNU libtool).
count.guess

count,sub
depcomp
missing
ar-lib
compile
install-sh
Install shell script for those Unix systems lacking one.
Makefile.in
Makefile input for configure.
Makefile.am
Source file for use with Automake to generate Makefile.in.
cckconfig.c
Program to generate jconfig.h on non-Unix systems.
jconfig.txt
Template for making jconfig.h by hand.
mak*
Sample makefiles for particular systems.
jconfig*
Sample jconfig.h for particular systems.
libjpeg.map
Script to generate shared library with versioned symbols.
aclocal.m4
M4 macro definitions for use with Autoconf.

Test files (see install.txt for test procedure):

test*
Source and comparison files for confidence test.
These are binary image files, NOT text files.

Found in path(s):
* /opt/cola/permits/110583619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/filelist.txt
No license file was found, but licenses were detected in source scan.

/*
 * jdinput.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modified 2002-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * This file contains input control logic for the JPEG decompressor.
* These routines are concerned with controlling the decompressor's input
* processing (marker reading and coefficient decoding). The actual input
* reading is done in jdmarker.c, jdhuff.c, and jdarith.c.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jdinput.c
No license file was found, but licenses were detected in source scan.

/*
* jmembos.c
*
* Copyright (C) 1992-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file provides an MS-DOS-compatible implementation of the system-
* dependent portion of the JPEG memory manager. Temporary data can be
* stored in extended or expanded memory as well as in regular DOS files.
*
* If you use this file, you must be sure that NEED_FAR_POINTERS is defined
* if you compile in a small-data memory model; it should NOT be defined if
* you use a large-data memory model. This file is not recommended if you
* are using a flat-memory-space 386 environment such as DJGCC or Watcom C.
* Also, this code will NOT work if struct fields are aligned on greater than
* 2-byte boundaries.
*
* Based on code contributed by Ge' Weijers.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jmembos.c
No license file was found, but licenses were detected in source scan.

/*
* rdcolmap.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file implements djpeg's "-map file" switch. It reads a source image
* and constructs a colormap to be supplied to the JPEG decompressor.
*
* Currently, these file formats are supported for the map file:
* GIF: the contents of the GIF's global colormap are used.
* PPM (either text or raw flavor): the entire file is read and
  * each unique pixel value is entered in the map.
* Note that reading a large PPM file will be horrendously slow.
* Typically, a PPM-format map file should contain just one pixel
  * of each desired color. Such a file can be extracted from an
  * ordinary image PPM file with ppmtomap(1).
*
* Rescaling a PPM that has a maxval unequal to MAXJSAMPLE is not
  * currently implemented.
*/

/* Portions of this code are based on the PBMPLUS library, which is:

** Copyright (C) 1988 by Jef Poskanzer.
**
** Permission to use, copy, modify, and distribute this software and its
** documentation for any purpose and without fee is hereby granted, provided
** that the above copyright notice appear in all copies and that both that
** copyright notice and this permission notice appear in supporting
** documentation. This software is provided "as is" without express or
** implied warranty.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/rdcolmap.c
No license file was found, but licenses were detected in source scan.

/*
* jdcoefct.c
*
* Copyright (C) 1994-1997, Thomas G. Lane.
* Modified 2002-2011 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains the coefficient buffer controller for decompression.
* This controller is the top level of the JPEG decompressor proper.
* The coefficient buffer lies between entropy decoding and inverse-DCT steps.
*
* In buffered-image mode, this controller is the interface between
* input-oriented processing and output-oriented processing.
* Also, the input side (only) is used when reading a file for transcoding.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jdcoefct.c
No license file was found, but licenses were detected in source scan.

/*
 * jdatasrc.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains decompression data source routines for the case of
 * reading JPEG data from memory or from a file (or any stdio stream).
 * While these routines are sufficient for most applications,
 * some will want to use a different source manager.
 * IMPORTANT: we assume that fread() will correctly transcribe an array of
 * JOCTETs from 8-bit-wide elements on external storage. If char is wider
 * than 8 bits on your machine, you may need to do some tweaking.
 */

Found in path(s):
  */opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdatasrc.c
No license file was found, but licenses were detected in source scan.

/*
 * wrjpgcom.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a very simple stand-alone application that inserts
 * user-supplied text as a COM (comment) marker in a JFIF file.
 * This may be useful as an example of the minimum logic needed to parse
 * JPEG markers.
 */

Found in path(s):
  */opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/wrjpgcom.c
No license file was found, but licenses were detected in source scan.

/*
 * jdcolor.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modified 2011-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains output colorspace conversion routines.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdcolor.c
No license file was found, but licenses were detected in source scan.

/*
* cdjpeg.c
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains common support routines used by the IJG application
* programs (cjpeg, djpeg, jpegtran).
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/cdjpeg.c
No license file was found, but licenses were detected in source scan.

/ *
* cderror.h
* Copyright (C) 1994-1997, Thomas G. Lane.
* Modified 2009 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file defines the error and message codes for the cjpeg/djpeg
* applications. These strings are not needed as part of the JPEG library
* proper.
* Edit this file to add new codes, or to translate the message strings to
* some other language.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/cderror.h
No license file was found, but licenses were detected in source scan.

/ *
* jmorecfg.h
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 1997-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains additional configuration options that customize the
* JPEG software for special applications or support machine-dependent
* optimizations. Most users will not need to touch this file.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jmorecfg.h
No license file was found, but licenses were detected in source scan.

;/*
 * jfdctfst.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a fast, not so accurate integer implementation of the
 * forward DCT (Discrete Cosine Transform).
 *
 * A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
 * on each column. Direct algorithms are also available, but they are
 * much more complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on Arai, Agui, and Nakajima's algorithm for
 * scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
 * Japanese, but the algorithm is described in the Pennebaker & Mitchell
 * JPEG textbook (see REFERENCES section in file README). The following code
 * is based directly on figure 4-8 in P&M.
 * While an 8-point DCT cannot be done in less than 11 multiplies, it is
 * possible to arrange the computation so that many of the multiplies are
 * simple scalings of the final outputs. These multiplies can then be
 * folded into the multiplications or divisions by the JPEG quantization
 * table entries. The AA&N method leaves only 5 multiplies and 29 adds
 * to be done in the DCT itself.
 * The primary disadvantage of this method is that with fixed-point math,
 * accuracy is lost due to imprecise representation of the scaled
 * quantization values. The smaller the quantization table entry, the less
 * precise the scaled value, so this implementation does worse with high-
 * quality-setting files than with low-quality ones.
 */
/*
 * jidctflt.c
 *
 * Copyright (C) 1994-1998, Thomas G. Lane.
 * Modified 2010 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a floating-point implementation of the
 * inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
 * must also perform dequantization of the input coefficients.
 *
 * This implementation should be more accurate than either of the integer
 * IDCT implementations. However, it may not give the same results on all
 * machines because of differences in roundoff behavior. Speed will depend
 * on the hardware's floating point capacity.
 *
 * A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
 * on each row (or vice versa, but it's more convenient to emit a row at
 * a time). Direct algorithms are also available, but they are much more
 * complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on Arai, Agui, and Nakajima's algorithm for
 * scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
 * Japanese, but the algorithm is described in the Pennebaker & Mitchell
 * JPEG textbook (see REFERENCES section in file README). The following code
 * is based directly on figure 4-8 in P&M.
 * While an 8-point DCT cannot be done in less than 11 multiplies, it is
 * possible to arrange the computation so that many of the multiplies are
 * simple scalings of the final outputs. These multiplies can then be
 * folded into the multiplications or divisions by the JPEG quantization
 * table entries. The AA&N method leaves only 5 multiplies and 29 adds
 * to be done in the DCT itself.
 * The primary disadvantage of this method is that with a fixed-point
 * implementation, accuracy is lost due to imprecise representation of the
 * scaled quantization values. However, that problem does not arise if
 * we use floating point arithmetic.
 */

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jidctflt.c
No license file was found, but licenses were detected in source scan.

/*
 * jquant2.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modified 2011 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains 2-pass color quantization (color mapping) routines.
 * These routines provide selection of a custom color map for an image,
 * followed by mapping of the image to that color map, with optional
 * Floyd-Steinberg dithering.
 * It is also possible to use just the second pass to map to an arbitrary
 * externally-given color map.
 *
 * Note: ordered dithering is not supported, since there isn't any fast
 * way to compute intercolor distances; it's unclear that ordered dither's
 * fundamental assumptions even hold with an irregularly spaced color map.
 *
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jquant2.c
No license file was found, but licenses were detected in source scan.

/*
 * jinclude.h
 *
 * Copyright (C) 1991-1994, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file exists to provide a single place to fix any problems with
 * including the wrong system include files. (Common problems are taken
 * care of by the standard jconfig symbols, but on really weird systems
 * you may have to edit this file.)
 *
 * NOTE: this file is NOT intended to be included by applications using the
 * JPEG library. Most applications need only include jpeglib.h.
 *
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jinclude.h
No license file was found, but licenses were detected in source scan.
/*
 * jfdctint.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modification developed 2003-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a slow-but-accurate integer implementation of the
 * forward DCT (Discrete Cosine Transform).
 *
 * A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
 * on each column.  Direct algorithms are also available, but they are
 * much more complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on an algorithm described in
 * C. Loeffler, A. Ligtenberg and G. Moschytz, "Practical Fast 1-D DCT
 * Algorithms with 11 Multiplications", Proc. Int'l. Conf. on Acoustics,
 * The primary algorithm described there uses 11 multiplies and 29 adds.
 * We use their alternate method with 12 multiplies and 32 adds.
 * The advantage of this method is that no data path contains more than one
 * multiplication; this allows a very simple and accurate implementation in
 * scaled fixed-point arithmetic, with a minimal number of shifts.
 *
 * We also provide FDCT routines with various input sample block sizes for
 * direct resolution reduction or enlargement and for direct resolving the
 * common 2x1 and 1x2 subsampling cases without additional resampling: NxN
 * (N=1...16), 2NxN, and Nx2N (N=1...8) pixels for one 8x8 output DCT block.
 *
 * For N<8 we fill the remaining block coefficients with zero.
 * For N>8 we apply a partial N-point FDCT on the input samples, computing
 * just the lower 8 frequency coefficients and discarding the rest.
 *
 * We must scale the output coefficients of the N-point FDCT appropriately
 * to the standard 8-point FDCT level by 8/N per 1-D pass.  This scaling
 * is folded into the constant multipliers (pass 2) and/or final/initial
 * shifting.
 *
 * CAUTION: We rely on the FIX() macro except for the N=1,2,4,8 cases
 * since there would be too many additional constants to pre-calculate.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jfdctint.c

No license file was found, but licenses were detected in source scan.
/*
 * jmemansi.c
 *
 * Copyright (C) 1992-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file provides a simple generic implementation of the system-dependent portion of the JPEG memory manager. This implementation assumes that you have the ANSI-standard library routine tmpfile(). Also, the problem of determining the amount of memory available is shoved onto the user.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jmemansi.c

No license file was found, but licenses were detected in source scan.

/*
 * jquant1.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modified 2011 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains 1-pass color quantization (color mapping) routines.
 * These routines provide mapping to a fixed color map using equally spaced color values. Optional Floyd-Steinberg or ordered dithering is available.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jquant1.c

No license file was found, but licenses were detected in source scan.

/*
 * wrbmp.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in Microsoft "BMP" format (MS Windows 3.x and OS/2 1.x flavors).
 * Either 8-bit colormapped or 24-bit full-color format can be written.
 * No compression is supported.
 */
These routines may need modification for non-Unix environments or specialized applications. As they stand, they assume output to an ordinary stdio stream.

This code contributed by James Arthur Boucher.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/wrbmp.c
No license file was found, but licenses were detected in source scan.

Developed 1997-2013 by Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file contains portable arithmetic entropy decoding routines for JPEG (implementing the ISO/IEC IS 10918-1 and CCITT Recommendation ITU-T T.81).

Both sequential and progressive modes are supported in this single module.
Suspension is not currently supported in this module.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdarith.c
No license file was found, but licenses were detected in source scan.

Copyright (C) 1994-1996, Thomas G. Lane.
Modified 2002-2013 by Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file contains the inverse-DCT management logic.
This code selects a particular IDCT implementation to be used, and it performs related housekeeping chores. No code in this file is executed per IDCT step, only during output pass setup.

Note that the IDCT routines are responsible for performing coefficient dequantization as well as the IDCT proper. This module sets up the
* dequantization multiplier table needed by the IDCT routine.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jdctmgr.c
No license file was found, but licenses were detected in source scan.

/*
 * jcomapi.c
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains application interface routines that are used for both
 * compression and decompression.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jcomapi.c
No license file was found, but licenses were detected in source scan.

/*
 * jerror.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modified 2012 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains simple error-reporting and trace-message routines.
 * These are suitable for Unix-like systems and others where writing to
 * stderr is the right thing to do. Many applications will want to replace
 * some or all of these routines.
 *
 * If you define USE_WINDOWS_MESSAGEBOX in jconfig.h or in the makefile,
 * you get a Windows-specific hack to display error messages in a dialog box.
 * It ain't much, but it beats dropping error messages into the bit bucket,
 * which is what happens to output to stderr under most Windows C compilers.
 *
 * These routines are used by both the compression and decompression code.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jerror.c
No license file was found, but licenses were detected in source scan.

/*
 * wrppm.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * Modified 2009 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in PPM/PGM format.
 * The extended 2-byte-per-sample raw PPM/PGM formats are supported.
 * The PBMPLUS library is NOT required to compile this software
 * (but it is highly useful as a set of PPM image manipulation programs).
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/wrppm.c

No license file was found, but licenses were detected in source scan.

/*
 * jcmaster.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains master control logic for the JPEG compressor.
 * These routines are concerned with parameter validation, initial setup,
 * and inter-pass control (determining the number of passes and the work
 * to be done in each pass).
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcmaster.c

No license file was found, but licenses were detected in source scan.

/*
 * cdjpeg.h
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.

* This file contains common declarations for the sample applications
cjpeg and djpeg. It is NOT used by the core JPEG library.
*/

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/cdjpeg.h
No license file was found, but licenses were detected in source scan.

/*
 * wrrle.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * *
 * This file contains routines to write output images in RLE format.
 * The Utah Raster Toolkit library is required (version 3.1 or later).
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume output to
 * an ordinary stdio stream.
 *
 * Based on code contributed by Mike Lijewski,
 * with updates from Robert Hutchinson.
 */

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/wrrle.c
No license file was found, but licenses were detected in source scan.

/*
 * rdtarga.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 * *
 * This file contains routines to read input images in Targa format.
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume input from
 * an ordinary stdio stream. They further assume that reading begins
 * at the start of the file; start_input may need work if the
* user interface has already read some data (e.g., to determine that
* the file is indeed Targa format).
*
* Based on code contributed by Lee Daniel Crocker.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/rdtarga.c
No license file was found, but licenses were detected in source scan.

/*
 * jcarith.c
 *
 * Developed 1997-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains portable arithmetic entropy encoding routines for JPEG
 *
 * Both sequential and progressive modes are supported in this single module.
 *
 * Suspension is not currently supported in this module.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jcarith.c
No license file was found, but licenses were detected in source scan.

INSTALLATION INSTRUCTIONS for the Independent JPEG Group's JPEG software

Copyright (C) 1991-2013, Thomas G. Lane, Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file explains how to configure and install the IJG software. We have
tried to make this software extremely portable and flexible, so that it can be
adapted to almost any environment. The downside of this decision is that the
installation process is complicated. We have provided shortcuts to simplify
the task on common systems. But in any case, you will need at least a little
familiarity with C programming and program build procedures for your system.

If you are only using this software as part of a larger program, the larger
program's installation procedure may take care of configuring the IJG code.
For example, Ghostscript's installation script will configure the IJG code.
You don't need to read this file if you just want to compile Ghostscript.

If you are on a Unix machine, you may not need to read this file at all. Try doing
./configure
make
make test
If that doesn't complain, do
make install
(better do "make -n install" first to see if the makefile will put the files where you want them). Read further if you run into snags or want to customize the code for your system.

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BEFORE YOU START
=================
Before installing the software you must unpack the distributed source code. Since you are reading this file, you have probably already succeeded in this task. However, there is a potential for error if you needed to convert the files to the local standard text file format (for example, if you are on MS-DOS you may have converted LF end-of-line to CR/LF). You must apply such conversion to all the files EXCEPT those whose names begin with "test". The test files contain binary data; if you change them in any way then the self-test will give bad results.

Please check the last section of this file to see if there are hints for the specific machine or compiler you are using.

CONFIGURING THE SOFTWARE
==========================
To configure the IJG code for your system, you need to create two files:
* jconfig.h: contains values for system-dependent #define symbols.
* Makefile: controls the compilation process.
(On a non-Unix machine, you may create "project files" or some other substitute for a Makefile. jconfig.h is needed in any environment.)

We provide three different ways to generate these files:
* On a Unix system, you can just run the "configure" script.
* We provide sample jconfig files and makefiles for popular machines; if your machine matches one of the samples, just copy the right sample files to jconfig.h and Makefile.
* If all else fails, read the instructions below and make your own files.

Configuring the software using the automatic "configure" script
---------------------------------------------------------------

If you are on a Unix machine, you can just type
./configure
and let the configure script construct appropriate configuration files.
If you're using "csh" on an old version of System V, you might need to type
sh configure
instead to prevent csh from trying to execute configure itself.
Expect configure to run for a few minutes, particularly on slower machines; it works by compiling a series of test programs.

Configure was created with GNU Autoconf and it follows the usual conventions for GNU configure scripts. It makes a few assumptions that you may want to override. You can do this by providing optional switches to configure:

* Configure will build both static and shared libraries, if possible.
If you want to build libjpeg only as a static library, say
./configure --disable-shared
If you want to build libjpeg only as a shared library, say
./configure --disable-static
Configure uses GNU libtool to take care of system-dependent shared library building methods.

* Configure will use gcc (GNU C compiler) if it's available, otherwise cc.
To force a particular compiler to be selected, use the CC option, for example
./configure CC='cc'
The same method can be used to include any unusual compiler switches.
For example, on HP-UX you probably want to say
./configure CC='cc -Aa'
to get HP's compiler to run in ANSI mode.

* The default CFLAGS setting is "-g" for non-gcc compilers, "-g -O2" for gcc.
You can override this by saying, for example,

```
./configure CFLAGS=-O2
```

if you want to compile without debugging support.

* Configure will set up the makefile so that "make install" will install files
  into /usr/local/bin, /usr/local/man, etc. You can specify an installation
  prefix other than "/usr/local" by giving configure the option "--prefix=PATH".

* If you don't have a lot of swap space, you may need to enable the IJG
  software's internal virtual memory mechanism. To do this, give the option
  "--enable-maxmem=N" where N is the default maxmemory limit in megabytes.
  This is discussed in more detail under "Selecting a memory manager", below.
  You probably don't need to worry about this on reasonably-sized Unix machines,
  unless you plan to process very large images.

Configure has some other features that are useful if you are cross-compiling
or working in a network of multiple machine types; but if you need those
features, you probably already know how to use them.

Configuring the software using one of the supplied jconfig and makefile files
-----------------------------------------------------------------------------

If you have one of these systems, you can just use the provided configuration
files:

Makefile jconfig file System and/or compiler

```
makefile.manxjconfig.manxAmiga, Manx Aztec C
makefile.sasjconfig.sasAmiga, SAS C
makeproj.macjconfig.macApple Macintosh, Metrowerks CodeWarrior
make*.jpg, stjconfig.stAtari ST/STE/TT, Pure C or Turbo C
makefile.bccjconfig.bccMS-DOS or OS/2, Borland C
makefile.djjconfig.djMS-DOS, DJGPP (Delorie's port of GNU C)
makefile.mc6jconfig.mc6MS-DOS, Microsoft C (16-bit only)
makefile.watjconfig.watMS-DOS, OS/2, or Windows NT, Watcom C
makefile.vcjconfig.vcWindows NT/95, MS Visual C++
make*.vc6jconfig.vcWindows NT/95, MS Visual C++ 6
make*.v10jconfig.vcWindows NT/95, MS Visual C++ 2010 (v10)
makefile.mmsjconfig.vmsDigital VMS, with MMS software
makefile.vmsjconfig.vmsDigital VMS, without MMS software
```

Copy the proper jconfig file to jconfig.h and the makefile to Makefile (or
whatever your system uses as the standard makefile name). For more info see
the appropriate system-specific hints section near the end of this file.

Configuring the software by hand
First, generate a jconfig.h file. If you are moderately familiar with C, the comments in jconfig.txt should be enough information to do this; just copy jconfig.txt to jconfig.h and edit it appropriately. Otherwise, you may prefer to use the ckconfig.c program. You will need to compile and execute ckconfig.c by hand --- we hope you know at least enough to do that. ckconfig.c may not compile the first try (in fact, the whole idea is for it to fail if anything is going to). If you get compile errors, fix them by editing ckconfig.c according to the directions given in ckconfig.c. Once you get it to run, it will write a suitable jconfig.h file, and will also print out some advice about which makefile to use.

You may also want to look at the canned jconfig files, if there is one for a system similar to yours.

Second, select a makefile and copy it to Makefile (or whatever your system uses as the standard makefile name). The most generic makefiles we provide are

- makefile.ansi: if your C compiler supports function prototypes
- makefile.unix: if not.

(You have function prototypes if ckconfig.c put "#define HAVE_PROTOTYPES" in jconfig.h.) You may want to start from one of the other makefiles if there is one for a system similar to yours.

Look over the selected Makefile and adjust options as needed. In particular you may want to change the CC and CFLAGS definitions. For instance, if you are using GCC, set CC=gcc. If you had to use any compiler switches to get ckconfig.c to work, make sure the same switches are in CFLAGS.

If you are on a system that doesn't use makefiles, you'll need to set up project files (or whatever you do use) to compile all the source files and link them into executable files cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom. See the file lists in any of the makefiles to find out which files go into each program. Note that the provided makefiles all make a "library" file libjpeg first, but you don't have to do that if you don't want to; the file lists identify which source files are actually needed for compression, decompression, or both. As a last resort, you can make a batch script that just compiles everything and links it all together; makefile.vms is an example of this (it's for VMS systems that have no make-like utility).

Here are comments about some specific configuration decisions you'll need to make:

Command line style
------------------

These programs can use a Unix-like command line style which supports
redirection and piping, like this:
cjpeg inputfile >outputfile
cjpeg <inputfile >outputfile
source program | cjpeg >outputfile
The simpler "two file" command line style is just
cjpeg inputfile outputfile
You may prefer the two-file style, particularly if you don't have pipes.

You MUST use two-file style on any system that doesn't cope well with binary
data fed through stdin/stdout; this is true for some MS-DOS compilers, for
example. If you're not on a Unix system, it's safest to assume you need
two-file style. (But if your compiler provides either the Posix-standard
fdopen() library routine or a Microsoft-compatible setmode() routine, you
can safely use the Unix command line style, by defining USE_FDOPEN or
USE_SETMODE respectively.)

To use the two-file style, make jconfig.h say "#define TWO_FILE_COMMANDLINE".

Selecting a memory manager
--------------------------

The IJG code is capable of working on images that are too big to fit in main
memory; data is swapped out to temporary files as necessary. However, the
code to do this is rather system-dependent. We provide five different
memory managers:

* jmemansi.c This version uses the ANSI-standard library routine tmpfile(),
  which not all non-ANSI systems have. On some systems
tmpfile() may put the temporary file in a non-optimal
location; if you don't like what it does, use jmemname.c.

* jmemname.c This version creates named temporary files. For anything
  except a Unix machine, you'll need to configure the
select_file_name() routine appropriately; see the comments
near the head of jmemname.c. If you use this version, define
NEED_SIGNAL_CATCHER in jconfig.h to make sure the temp files
are removed if the program is aborted.

* jmemnobs.c (That stands for No Backing Store :-). This will compile on
  almost any system, but it assumes you have enough main memory
  or virtual memory to hold the biggest images you work with.

* jmemdos.c This should be used with most 16-bit MS-DOS compilers.
  See the system-specific notes about MS-DOS for more info.
IMPORTANT: if you use this, define USE_MSDOS_MEMMGR in
jconfig.h, and include the assembly file jmemdosa.asm in the
programs. The supplied makefiles and jconfig files for
16-bit MS-DOS compilers already do both.
* jmemmac.c Custom version for Apple Macintosh; see the system-specific notes for Macintosh for more info.

To use a particular memory manager, change the SYSDEPMEM variable in your makefile to equal the corresponding object file name (for example, jmemansi.o or jmemansi.obj for jmemansi.c).

If you have plenty of (real or virtual) main memory, just use jmemnobs.c. “Plenty” means about ten bytes for every pixel in the largest images you plan to process, so a lot of systems don't meet this criterion. If yours doesn't, try jmemansi.c first. If that doesn't compile, you'll have to use jmemname.c; be sure to adjust select_file_name() for local conditions. You may also need to change unlink() to remove() in close_backing_store().

Except with jmemnobs.c or jmemmac.c, you need to adjust the DEFAULT_MAX_MEM setting to a reasonable value for your system (either by adding a #define for DEFAULT_MAX_MEM to jconfig.h, or by adding a -D switch to the Makefile). This value limits the amount of data space the program will attempt to allocate. Code and static data space isn't counted, so the actual memory needs for cjpeg or djpeg are typically 100 to 150Kb more than the max-memory setting. Larger max-memory settings reduce the amount of I/O needed to process a large image, but too large a value can result in “insufficient memory” failures. On most Unix machines (and other systems with virtual memory), just set DEFAULT_MAX_MEM to several million and forget it. At the other end of the spectrum, for MS-DOS machines you probably can't go much above 300K to 400K. (On MS-DOS the value refers to conventional memory only. Extended/expanded memory is handled separately by jmemdos.c.)

BUILDING THE SOFTWARE
=====================

Now you should be able to compile the software. Just say "make" (or whatever's necessary to start the compilation). Have a cup of coffee.

Here are some things that could go wrong:

If your compiler complains about undefined structures, you should be able to shut it up by putting "#define INCOMPLETE_TYPES_BROKEN" in jconfig.h.

If you have trouble with missing system include files or inclusion of the wrong ones, read jinclude.h. This shouldn't happen if you used configure or ckconfig.c to set up jconfig.h.

There are a fair number of routines that do not use all of their parameters; some compilers will issue warnings about this, which you can ignore. There are also a few configuration checks that may give “unreachable code” warnings.
Any other warning deserves investigation.

If you don't have a getenv() library routine, define NO_GETENV.

Also see the system-specific hints, below.

TESTING THE SOFTWARE
====================

As a quick test of functionality we've included a small sample image in several forms:

- testorig.jpg: Starting point for the djpeg tests.
- testimg.ppm: The output of djpeg testorig.jpg
- testimg.bmp: The output of djpeg -bmp -colors 256 testorig.jpg
- testimg.jpg: The output of jpeg testimg.ppm
- testprog.jpg: Progressive-mode equivalent of testorig.jpg.
- testimgp.jpg: The output of cjpeg -progressive -optimize testimg.ppm

(The first- and second-generation .jpg files aren't identical since the default compression parameters are lossy.) If you can generate duplicates of the testimg* files then you probably have working programs.

With most of the makefiles, "make test" will perform the necessary comparisons.

If you're using a makefile that doesn't provide the test option, run djpeg and cjpeg by hand and compare the output files to testimg* with whatever binary file comparison tool you have. The files should be bit-for-bit identical.

If the programs complain "MAX_ALLOC_CHUNK is wrong, please fix", then you need to reduce MAX_ALLOC_CHUNK to a value that fits in type size_t. Try adding "#define MAX_ALLOC_CHUNK 65520L" to jconfig.h. A less likely configuration error is "ALIGN_TYPE is wrong, please fix": defining ALIGN_TYPE as long should take care of that one.

If the cjpeg test run fails with "Missing Huffman code table entry", it's a good bet that you needed to define RIGHT_SHIFT_IS_UNSIGNED. Go back to the configuration step and run ckconfig.c. (This is a good plan for any other test failure, too.)

If you are using Unix (one-file) command line style on a non-Unix system, it's a good idea to check that binary I/O through stdin/stdout actually works. You should get the same results from "djpeg <testorig.jpg >out.ppm" as from "djpeg -outfile out.ppm testorig.jpg". Note that the makefiles all use the latter style and therefore do not exercise stdin/stdout! If this check fails, try recompiling with USE_SETMODE or USE_FDOPEN defined. If it still doesn't work, better use two-file style.
If you chose a memory manager other than jmemnobs.c, you should test that temporary-file usage works. Try "djpeg -bmp -colors 256 -max 0 testorig.jpg" and make sure its output matches testimg.bmp. If you have any really large images handy, try compressing them with -optimize and/or decompressing with -colors 256 to make sure your DEFAULT_MAX_MEM setting is not too large.

NOTE: this is far from an exhaustive test of the JPEG software; some modules, such as 1-pass color quantization, are not exercised at all. It's just a quick test to give you some confidence that you haven't missed something major.

INSTALLING THE SOFTWARE
=========================

Once you're done with the above steps, you can install the software by copying the executable files (cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom) to wherever you normally install programs. On Unix systems, you'll also want to put the man pages (cjpeg.1, djpeg.1, jpegtran.1, rdjpgcom.1, wrjpgcom.1) in the man-page directory. The pre-fab makefiles don't support this step since there's such a wide variety of installation procedures on different systems.

If you generated a Makefile with the "configure" script, you can just say make install to install the programs and their man pages into the standard places. (You'll probably need to be root to do this.) We recommend first saying make -n install to see where configure thought the files should go. You may need to edit the Makefile, particularly if your system's conventions for man page filenames don't match what configure expects.

If you want to install the IJG library itself, for use in compiling other programs besides ours, then you need to put the four include files jpeglib.h jerror.h jconfig.h jmorecfg.h into your include-file directory, and put the library file libjpeg.a (extension may vary depending on system) wherever library files go.

If you generated a Makefile with "configure", it will do what it thinks is the right thing if you say make install-lib

OPTIONAL STUFF
===============

Progress monitor:
If you like, you can #define PROGRESS_REPORT (in jconfig.h) to enable display of percent-done progress reports. The routine provided in cdjpeg.c merely prints percentages to stderr, but you can customize it to do something fancier.

Utah RLE file format support:

We distribute the software with support for RLE image files (Utah Raster Toolkit format) disabled, because the RLE support won't compile without the Utah library. If you have URT version 3.1 or later, you can enable RLE support as follows:
1. #define RLE_SUPPORTED in jconfig.h.
2. Add a -I option to CFLAGS in the Makefile for the directory containing the URT .h files (typically the "include" subdirectory of the URT distribution).
3. Add -L... -lrle to LDLIBS in the Makefile, where ... specifies the directory containing the URT "librle.a" file (typically the "lib" subdirectory of the URT distribution).

Support for 9-bit to 12-bit deep pixel data:

The IJG code currently allows 8, 9, 10, 11, or 12 bits sample data precision. (For color, this means 8 to 12 bits per channel, of course.) If you need to work with deeper than 8-bit data, you can compile the IJG code for 9-bit to 12-bit operation.
To do so:
1. In jmorecfg.h, define BITS_IN_JSAMPLE as 9, 10, 11, or 12 rather than 8.
2. In jconfig.h, undefine BMP_SUPPORTED, RLE_SUPPORTED, and TARGA_SUPPORTED, because the code for those formats doesn't handle deeper than 8-bit data and won't even compile. (The PPM code does work, as explained below. The GIF code works too; it scales 8-bit GIF data to and from 12-bit depth automatically.)
3. Compile. Don't expect "make test" to pass, since the supplied test files are for 8-bit data.

Currently, 9-bit to 12-bit support does not work on 16-bit-int machines.

Run-time selection and conversion of data precision are currently not supported and may be added later.
Exception: The transcoding part (jpegtran) supports all settings in a single instance, since it operates on the level of DCT coefficients and not sample values.

The PPM reader (rdppm.c) can read deeper than 8-bit data from either text-format or binary-format PPM and PGM files. Binary-format PPM/PGM files which have a maxval greater than 255 are assumed to use 2 bytes per sample, MSB first (big-endian order). As of early 1995, 2-byte binary format is not officially supported by the PBMPPLUS library, but it is expected that a
future release of PBPLUS will support it. Note that the PPM reader will read files of any maxval regardless of the BITS_IN JSAMPLE setting; incoming data is automatically rescaled to maxval=MAXJSAMPLE as appropriate for the cjpeg bit depth.

The PPM writer (wrppm.c) will normally write 2-byte binary PPM or PGM format, maxval=MAXJSAMPLE, when compiled with BITS_IN JSAMPLE>8. Since this format is not yet widely supported, you can disable it by compiling wrppm.c with PPM_NORAWWORD defined; then the data is scaled down to 8 bits to make a standard 1-byte/sample PPM or PGM file. (Yes, this means still another copy of djpeg to keep around. But hopefully you won't need it for very long. Poskanzer's supposed to get that new PBPLUS release out Real Soon Now.)

Of course, if you are working with 9-bit to 12-bit data, you probably have it stored in some other, nonstandard format. In that case you'll probably want to write your own I/O modules to read and write your format.

Note:
The standard Huffman tables are only valid for 8-bit data precision. If you selected more than 8-bit data precision, cjpeg uses arithmetic coding by default. The Huffman encoder normally uses entropy optimization to compute usable tables for higher precision. Otherwise, you'll have to supply different default Huffman tables.

Removing code:

If you need to make a smaller version of the JPEG software, some optional functions can be removed at compile time. See the xxx_SUPPORTED #defines in jconfig.h and jmorecfg.h. If at all possible, we recommend that you leave in decoder support for all valid JPEG files, to ensure that you can read anyone's output. Taking out support for image file formats that you don't use is the most painless way to make the programs smaller. Another possibility is to remove some of the DCT methods: in particular, the "IFAST" method may not be enough faster than the others to be worth keeping on your machine. (If you do remove ISLOW or IFAST, be sure to redefine JDCT_DEFAULT or JDCT_FASTEST to a supported method, by adding a #define in jconfig.h.)

OPTIMIZATION
============

Unless you own a Cray, you'll probably be interested in making the JPEG software go as fast as possible. This section covers some machine-dependent optimizations you may want to try. We suggest that before trying any of this, you first get the basic installation to pass the self-test step. Repeat the self-test after any optimization to make sure that you haven't broken anything.
The integer DCT routines perform a lot of multiplications. These
multiplications must yield 32-bit results, but none of their input values
are more than 16 bits wide. On many machines, notably the 680x0 and 80x86
CPUs, a 16x16=>32 bit multiply instruction is faster than a full 32x32=>32
bit multiply. Unfortunately there is no portable way to specify such a
multiplication in C, but some compilers can generate one when you use the
right combination of casts. See the MULTIPLYxxx macro definitions in
jdct.h. If your compiler makes "int" be 32 bits and "short" be 16 bits,
defining SHORTxSHORT_32 is fairly likely to work. When experimenting with
alternate definitions, be sure to test not only whether the code still works
(use the self-test), but also whether it is actually faster --- on some
compilers, alternate definitions may compute the right answer, yet be slower
than the default. Timing cjpeg on a large PGM (grayscale) input file is the
best way to check this, as the DCT will be the largest fraction of the runtime
in that mode. (Note: some of the distributed compiler-specific jconfig files
already contain #define switches to select appropriate MULTIPLYxxx
definitions.)

If your machine has sufficiently fast floating point hardware, you may find
that the float DCT method is faster than the integer DCT methods, even
after tweaking the integer multiply macros. In that case you may want to
make the float DCT be the default method. (The only objection to this is
that float DCT results may vary slightly across machines.) To do that, add
"#define JDCT_DEFAULT JDCT_FLOAT" to jconfig.h. Even if you don't change
the default, you should redefine JDCT_FASTEST, which is the method selected
by djpeg's -fast switch. Don't forget to update the documentation files
(usage.txt and/or cjpeg.1, djpeg.1) to agree with what you've done.

If access to "short" arrays is slow on your machine, it may be a win to
define type JCOEF as int rather than short. This will cost a good deal of
memory though, particularly in some multi-pass modes, so don't do it unless
you have memory to burn and short is REALLY slow.

If your compiler can compile function calls in-line, make sure the INLINE
macro in jmorecfg.h is defined as the keyword that marks a function
inline-able. Some compilers have a switch that tells the compiler to inline
any function it thinks is profitable (e.g., -finline-functions for gcc).
Enabling such a switch is likely to make the compiled code bigger but faster.

In general, it's worth trying the maximum optimization level of your compiler,
and experimenting with any optional optimizations such as loop unrolling.
(Unfortunately, far too many compilers have optimizer bugs ... be prepared to
back off if the code fails self-test.) If you do any experimentation along
these lines, please report the optimal settings to jpeg-info@jpegclub.org so
we can mention them in future releases. Be sure to specify your machine and
compiler version.
HINTS FOR SPECIFIC SYSTEMS
===========================

We welcome reports on changes needed for systems not mentioned here. Submit 'em to jpeg-info@jpegclub.org. Also, if configure or ckconfig.c is wrong about how to configure the JPEG software for your system, please let us know.

Acorn RISC OS:

(Thanks to Simon Middleton for these hints on compiling with Desktop C.)
After renaming the files according to Acorn conventions, take a copy of makefile.ansi, change all occurrences of 'libjpeg.a' to 'libjpeg.o' and change these definitions as indicated:

CFLAGS= -throwback -IC: -Wn
LDLIBS=C:o.Stubs
SYSDEPMEM=jmemansi.o
LN=Link
AR=LibFile -c -o

Also add a new line '.c.o; $(cc) $< $(cflags) -c -o $@'. Remove the lines '$(RM) libjpeg.o' and '$(AR2) libjpeg.o' and the 'jconfig.h' dependency section.

Copy jconfig.txt to jconfig.h. Edit jconfig.h to define TWO_FILE_COMMANDLINE and CHAR_IS_UNSIGNED.

Run the makefile using !AMU not !Make. If you want to use the 'clean' and 'test' makefile entries then you will have to fiddle with the syntax a bit and rename the test files.

Amiga:

SAS C 6.50 reportedly is too buggy to compile the IJG code properly. A patch to update to 6.51 is available from SAS or AmiNet FTP sites.

The supplied config files are set up to use jmemname.c as the memory manager, with temporary files being created on the device named by "JPEGTMP:"

Atari ST/STE/TT:

Copy the project files makcjpeg.st, makdjpeg.st, maktjpeg.st, and makljpeg.st to cjpeg.prj, djpeg.prj, jpegtran.prj, and libjpeg.prj respectively. The project files should work as-is with Pure C. For Turbo C, change library
filenames "pc..." to "tc..." in each project file. Note that libjpeg.prj
selects jmemansi.c as the recommended memory manager. You'll probably want to
adjust the DEFAULT_MAX_MEM setting --- you want it to be a couple hundred K
less than your normal free memory. Put "#define DEFAULT_MAX_MEM nnnn" into
jconfig.h to do this.

To use the 68881/68882 coprocessor for the floating point DCT, add the
compiler option "-8" to the project files and replace pcfltlib.lib with
pc881lib.lib in cjpeg.prj and djpeg.prj. Or if you don't have a
coprocessor, you may prefer to remove the float DCT code by undefining
DCT_FLOAT_SUPPORTED in jmorecfg.h (since without a coprocessor, the float
code will be too slow to be useful). In that case, you can delete
pcfltlib.lib from the project files.

Note that you must make libjpeg.lib before making cjpeg.ttp, djpeg.ttp,
or jpegtran.ttp. You'll have to perform the self-test by hand.

We haven't bothered to include project files for rdjpgcom and wrjpgcom.
Those source files should just be compiled by themselves; they don't
depend on the JPEG library. You can use the default.prj project file
of the Pure C distribution to make the programs.

There is a bug in some older versions of the Turbo C library which causes the
space used by temporary files created with "tmpfile()" not to be freed after
an abnormal program exit. If you check your disk afterwards, you will find
cluster chains that are allocated but not used by a file. This should not
happen in cjpeg/djpeg/jpegtran, since we enable a signal catcher to explicitly
close temp files before exiting. But if you use the JPEG library with your
own code, be sure to supply a signal catcher, or else use a different
system-dependent memory manager.

Cray:

Should you be so fortunate as to be running JPEG on a Cray YMP, there is a
compiler bug in old versions of Cray's Standard C (prior to 3.1). If you
still have an old compiler, you'll need to insert a line reading
"#pragma novector" just before the loop
for (i = 1; i <= (int) htbl->bits[l]; i++)
  huffsize[p++] = (char) l;
in fix_huff_tbl (in V5beta1, line 204 of jchuff.c and line 176 of jdhuff.c).
[This bug may or may not still occur with the current IJG code, but it's
probably a dead issue anyway...]

HP-UX:

If you have HP-UX 7.05 or later with the "software development" C compiler,
you should run the compiler in ANSI mode. If using the configure script, say

```
./configure CC='cc -Aa'
```

(or `-Ae` if you prefer). If configuring by hand, use `makefile.ansi` and add

"-Aa" to the `CFLAGS` line in the `makefile`.

If you have a pre-7.05 system, or if you are using the non-ANSI C compiler delivered with a minimum HP-UX system, then you must use `makefile.unix` (and do NOT add `-Aa`); or just run configure without the CC option.

On HP 9000 series 800 machines, the HP C compiler is buggy in revisions prior to A.08.07. If you get complaints about "not a typedef name", you'll have to use `makefile.unix`, or run configure without the CC option.

Macintosh, generic comments:

The supplied user-interface files (cjpeg.c, djpeg.c, etc) are set up to provide a Unix-style command line interface. You can use this interface on the Mac by means of the `ecommand()` library routine provided by Metrowerks CodeWarrior or Think C. This is only appropriate for testing the library, however; to make a user-friendly equivalent of cjpeg/djpeg you'd really want to develop a Mac-style user interface. There isn't a complete example available at the moment, but there are some helpful starting points:

1. Sam Bushell's free "To JPEG" applet provides drag-and-drop conversion to JPEG under System 7 and later. This only illustrates how to use the compression half of the library, but it does a very nice job of that part. The CodeWarrior source code is available from http://www.pobox.com/~jsam.

2. Jim Brunner prepared a Mac-style user interface for both compression and decompression. Unfortunately, it hasn't been updated since IJG v4, and the library's API has changed considerably since then. Still it may be of some help, particularly as a guide to compiling the IJG code under Think C. Jim's code is available from the Info-Mac archives, at sumex-aim.stanford.edu or mirrors thereof; see file /info-mac/dev/src/jpeg-convert-c.hqx.

`jmemmac.c` is the recommended memory manager back end for Macintosh. It uses `NewPtr/DisposePtr` instead of `malloc/free`, and has a Mac-specific implementation of `jpeg_mem_available()`. It also creates temporary files that follow Mac conventions. (That part of the code relies on System-7-or-later OS functions. See the comments in `jmemmac.c` if you need to run it on System 6.)

**NOTE** that `USE_MAC_MEMMGR` must be defined in `jconfig.h` to use `jmemmac.c`.

You can also use `jmemnobs.c`, if you don't care about handling images larger than available memory. If you use any memory manager back end other than `jmemmac.c`, we recommend replacing "malloc" and "free" by "NewPtr" and "DisposePtr", because Mac C libraries often have peculiar implementations of malloc/free. (For instance, `free()` may not return the freed space to the Mac Memory Manager. This is undesirable for the IJG code because `jmemmgr.c`
already clumps space requests.)

Macintosh, Metrowerks CodeWarrior:

The Unix-command-line-style interface can be used by defining `USE_CCOMMAND`. You'll also need to define `TWO_FILE_COMMANDLINE` to avoid stdin/stdout. This means that when using the cjpeg/djpeg programs, you'll have to type the input and output file names in the "Arguments" text-edit box, rather than using the file radio buttons. (Perhaps `USE_FDOPEN` or `USE_SETMODE` would eliminate the problem, but I haven't heard from anyone who's tried it.)

On 680x0 Macs, Metrowerks defines type "double" as a 10-byte IEEE extended float. `jmemmgr.c` won't like this: it wants `sizeof(ALIGN_TYPE)` to be a power of 2. Add "#define ALIGN_TYPE long" to `jconfig.h` to eliminate the complaint.

The supplied configuration file `jconfig.mac` can be used for your `jconfig.h`; it includes all the recommended symbol definitions. If you have AppleScript installed, you can run the supplied script `makeproj.mac` to create CodeWarrior project files for the library and the testbed applications, then build the library and applications. (Thanks to Dan Sears and Don Agro for this nifty hack, which saves us from trying to maintain CodeWarrior project files as part of the IJG distribution...)

Macintosh, Think C:

The documentation in Jim Brunner's "JPEG Convert" source code (see above) includes detailed build instructions for Think C; it's probably somewhat out of date for the current release, but may be helpful.

If you want to build the minimal command line version, proceed as follows. You'll have to prepare project files for the programs; we don't include any in the distribution since they are not text files. Use the file lists in any of the supplied makefiles as a guide. Also add the ANSI and Unix C libraries in a separate segment. You may need to divide the JPEG files into more than one segment; we recommend dividing compression and decompression modules. Define `USE_CCOMMAND` in `jconfig.h` so that the `ccommand()` routine is called. You must also define `TWO_FILE_COMMANDLINE` because stdin/stdout don't handle binary data correctly.

On 680x0 Macs, Think C defines type "double" as a 12-byte IEEE extended float. `jmemmgr.c` won't like this: it wants `sizeof(ALIGN_TYPE)` to be a power of 2. Add "#define ALIGN_TYPE long" to `jconfig.h` to eliminate the complaint.

`jconfig.mac` should work as a `jconfig.h` configuration file for Think C, but the `makeproj.mac` AppleScript script is specific to CodeWarrior. Sorry.
MIPS R3000:

MIPS's cc version 1.31 has a rather nasty optimization bug. Don't use -O if you have that compiler version. (Use "cc -V" to check the version.) Note that the R3000 chip is found in workstations from DEC and others.

MS-DOS, generic comments for 16-bit compilers:

The IJG code is designed to work well in 80x86 "small" or "medium" memory models (i.e., data pointers are 16 bits unless explicitly declared "far"; code pointers can be either size). You may be able to use small model to compile cjpeg or djpeg by itself, but you will probably have to use medium model for any larger application. This won't make much difference in performance. You *will* take a noticeable performance hit if you use a large-data memory model, and you should avoid "huge" model if at all possible. Be sure that NEED_FAR_POINTERS is defined in jconfig.h if you use a small-data memory model; be sure it is NOT defined if you use a large-data model. (The supplied makefiles and jconfig files for Borland and Microsoft C compile in medium model and define NEED_FAR_POINTERS.)

The DOS-specific memory manager, jmemdos.c, should be used if possible. It needs some assembly-code routines which are in jmemdosa.asm; make sure your makefile assembles that file and includes it in the library. If you don't have a suitable assembler, you can get pre-assembled object files for jmemdosa by FTP from ftp.uu.net:/graphics/jpeg/jdosaobj.zip. (DOS-oriented distributions of the IJG source code often include these object files.)

When using jmemdos.c, jconfig.h must define USE_MSDOS_MEMMGR and must set MAX_ALLOC_CHUNK to less than 64K (65520L is a typical value). If your C library's far-heap malloc() can't allocate blocks that large, reduce MAX_ALLOC_CHUNK to whatever it can handle.

If you can't use jmemdos.c for some reason --- for example, because you don't have an assembler to assemble jmemdosa.asm --- you'll have to fall back to jmemansi.c or jmemname.c. You'll probably still need to set MAX_ALLOC_CHUNK in jconfig.h, because most DOS C libraries won't malloc() more than 64K at a time. IMPORTANT: if you use jmemansi.c or jmemname.c, you will have to compile in a large-data memory model in order to get the right stdio library. Too bad.

wrjpgcom needs to be compiled in large model, because it malloc()s a 64KB work area to hold the comment text. If your C library's malloc can't handle that, reduce MAX_COM_LENGTH as necessary in wrjpgcom.c.

Most MS-DOS compilers treat stdin/stdout as text files, so you must use two-file command line style. But if your compiler has either fdopen() or
setmode(), you can use one-file style if you like. To do this, define
USE_SETMODE or USE_FDOPEN so that stdin/stdout will be set to binary mode.
(USE_SETMODE seems to work with more DOS compilers than USE_FDOPEN.) You
should test that I/O through stdin/stdout produces the same results as I/O
to explicitly named files... the "make test" procedures in the supplied
makefiles do NOT use stdin/stdout.

MS-DOS, generic comments for 32-bit compilers:

None of the above comments about memory models apply if you are using a
32-bit flat-memory-space environment, such as DJGPP or Watcom C. (And you
should use one if you have it, as performance will be much better than
8086-compatible code!) For flat-memory-space compilers, do NOT define
NEED_FAR_POINTERS, and do NOT use jmemdos.c. Use jmemnobs.c if the
environment supplies adequate virtual memory, otherwise use jmemansi.c or
jmemname.c.

You'll still need to be careful about binary I/O through stdin/stdout.
See the last paragraph of the previous section.

MS-DOS, Borland C:

Be sure to convert all the source files to DOS text format (CR/LF newlines).
Although Borland C will often work OK with unmodified Unix (LF newlines)
source files, sometimes it will give bogus compile errors.
"Illegal character '#'" is the most common such error. (This is true with
Borland C 3.1, but perhaps is fixed in newer releases.)

If you want one-file command line style, just undefine TWO_FILE_COMMANDLINE.
jconfig.bcc already includes #define USE_SETMODE to make this work.
(fdopen does not work correctly.)

MS-DOS, Microsoft C:

makefile.mc6 works with Microsoft C, DOS Visual C++, etc. It should only
be used if you want to build a 16-bit (small or medium memory model) program.

If you want one-file command line style, just undefine TWO_FILE_COMMANDLINE.
jconfig.mc6 already includes #define USE_SETMODE to make this work.
(fdopen does not work correctly.)

Note that this makefile assumes that the working copy of itself is called
"makefile". If you want to call it something else, say "makefile.mak",
be sure to adjust the dependency line that reads "/$(RFILE) : makefile".
Otherwise the make will fail because it doesn't know how to create "makefile".
Worse, some releases of Microsoft's make utilities give an incorrect error message in this situation.

Old versions of MS C fail with an "out of macro expansion space" error because they can't cope with the macro TRACEMS8 (defined in jerror.h). If this happens to you, the easiest solution is to change TRACEMS8 to expand to nothing. You'll lose the ability to dump out JPEG coefficient tables with djpeg -debug -debug, but at least you can compile.

Original MS C 6.0 is very buggy; it compiles incorrect code unless you turn off optimization entirely (remove -O from CFLAGS). 6.00A is better, but it still generates bad code if you enable loop optimizations (-O1 or -Ox).

MS C 8.0 crashes when compiling jquant1.c with optimization switch /Oo ... which is on by default. To work around this bug, compile that one file with /Oo-.

Microsoft Windows (all versions), generic comments:

Some Windows system include files define typedef boolean as "unsigned char". The IJG code also defines typedef boolean, but we make it an "enum" by default. This doesn't affect the IJG programs because we don't import those Windows include files. But if you use the JPEG library in your own program, and some of your program's files import one definition of boolean while some import the other, you can get all sorts of mysterious problems. A good preventive step is to make the IJG library use "unsigned char" for boolean. To do that, add something like this to your jconfig.h file:

/* Define "boolean" as unsigned char, not enum, per Windows custom */
#ifndef __RPCNDR_H__ /* don't conflict if rpcndr.h already read */
typedef unsigned char boolean;
#endif
#ifndef FALSE /* in case these macros already exist */
#define FALSE 0 /* values of boolean */
#endif
#ifndef TRUE
#define TRUE 1
#endif
#define HAVE_BOOLEAN /* prevent jmorecfg.h from redefining it */
(This is already in jconfig.vc, by the way.)

windef.h contains the declarations
#define far
#define FAR far
Since jmorecfg.h tries to define FAR as empty, you may get a compiler warning if you include both jpeglib.h and windef.h (which windows.h includes). To suppress the warning, you can put "#ifndef FAR"/#endif" around the line "#define FAR" in jmorecfg.h.
When using the library in a Windows application, you will almost certainly want to modify or replace the error handler module jerror.c, since our default error handler does a couple of inappropriate things:

1. it tries to write error and warning messages on stderr;
2. in event of a fatal error, it exits by calling exit().

A simple stopgap solution for problem 1 is to replace the line

fprintf(stderr, "\%s\n", buffer);

with

MessageBox(GetActiveWindow(),buffer,"JPEG Error",MB_OK|MB_ICONERROR);

It's highly recommended that you at least do that much, since otherwise error messages will disappear into nowhere.  (Beginning with IJG v6b, this code is already present in jerror.c; just define USE_WINDOWS_MESSAGEBOX in jconfig.h to enable it.)

The proper solution for problem 2 is to return control to your calling application after a library error.  This can be done with the setjmp/longjmp technique discussed in libjpeg.txt and illustrated in example.c.  (NOTE: some older Windows C compilers provide versions of setjmp/longjmp that don't actually work under Windows.  You may need to use the Windows system functions Catch and Throw instead.)

The recommended memory manager under Windows is jmemnobs.c; in other words, let Windows do any virtual memory management needed.  You should NOT use jmemdos.c nor jmemdosa.asm under Windows.

For Windows 3.1, we recommend compiling in medium or large memory model; for newer Windows versions, use a 32-bit flat memory model.  (See the MS-DOS sections above for more info about memory models.)  In the 16-bit memory models only, you'll need to put

#define MAX_ALLOC_CHUNK 65520L	/* Maximum request to malloc() */

into jconfig.h to limit allocation chunks to 64Kb.  (Without that, you'd have to use huge memory model, which slows things down unnecessarily.) jmemnobs.c works without modification in large or flat memory models, but to use medium model, you need to modify its jpeg_get_large and jpeg_free_large routines to allocate far memory.  In any case, you might like to replace its calls to malloc and free with direct calls on Windows memory allocation functions.

You may also want to modify jdatasrc.c and jdatadst.c to use Windows file operations rather than fread/fwrite.  This is only necessary if your C compiler doesn't provide a competent implementation of C stdio functions.

You might want to tweak the RGB_xxx macros in jmorecfg.h so that the library will accept or deliver color pixels in BGR sample order, not RGB; BGR order is usually more convenient under Windows.  Note that this change will break
the sample applications cjpeg/djpeg, but the library itself works fine.

Many people want to convert the IJG library into a DLL. This is reasonably straightforward, but watch out for the following:

1. Don't try to compile as a DLL in small or medium memory model; use large model, or even better, 32-bit flat model. Many places in the IJG code assume the address of a local variable is an ordinary (not FAR) pointer; that isn't true in a medium-model DLL.

2. Microsoft C cannot pass file pointers between applications and DLLs. (See Microsoft Knowledge Base, PSS ID Number Q50336.) So jdatasrc.c and jdatadst.c don't work if you open a file in your application and then pass the pointer to the DLL. One workaround is to make jdatasrc.c/jdatadst.c part of your main application rather than part of the DLL.

3. You'll probably need to modify the macros GLOBAL() and EXTERN() to attach suitable linkage keywords to the exported routine names. Similarly, you'll want to modify METHODDEF() and JMETHOD() to ensure function pointers are declared in a way that lets application routines be called back through the function pointers. These macros are in jmorecfg.h. Typical definitions for a 16-bit DLL are:

```
#define GLOBAL(type) type _far _pascal _loadds _export
#define EXTERN(type) extern type _far _pascal _loadds
#define METHODDEF(type) static type _far _pascal
#define JMETHOD(type,methodname,arglist) type (_far _pascal *methodname) arglist
```

For a 32-bit DLL you may want something like

```
#define GLOBAL(type) __declspec(dllexport) type
#define EXTERN(type) extern __declspec(dllexport) type
```

Although not all the GLOBAL routines are actually intended to be called by the application, the performance cost of making them all DLL entry points is negligible.

The unmodified IJG library presents a very C-specific application interface, so the resulting DLL is only usable from C or C++ applications. There has been some talk of writing wrapper code that would present a simpler interface usable from other languages, such as Visual Basic. This is on our to-do list but hasn't been very high priority --- any volunteers out there?

Microsoft Windows, Borland C:

The provided jconfig.bcc should work OK in a 32-bit Windows environment, but you'll need to tweak it in a 16-bit environment (you'd need to define NEED_FAR_POINTERS and MAX_ALLOC_CHUNK). Beware that makefile.bcc will need alteration if you want to use it for Windows --- in particular, you should
Borland C++ 4.5 fails with an internal compiler error when trying to compile jdmerge.c in 32-bit mode. If enough people complain, perhaps Borland will fix it. In the meantime, the simplest known workaround is to add a redundant definition of the variable range_limit in h2v1_merged_upsample(), at the head of the block that handles odd image width (about line 268 in v6 jdmerge.c):

```c
/* If image width is odd, do the last output column separately */
if (cinfo->output_width & 1) {
    register JSAMPLE * range_limit = cinfo->sample_range_limit; /* ADD THIS */
    cb = GETJSAMPLE(*inptr1);
}
```

Pretty bizarre, especially since the very similar routine h2v2_merged_upsample doesn't trigger the bug.

Recent reports suggest that this bug does not occur with "bcc32a" (the Pentium-optimized version of the compiler).

Another report from a user of Borland C 4.5 was that incorrect code (leading to a color shift in processed images) was produced if any of the following optimization switch combinations were used:

-Ot -Og
-Ot -Op
-Ot -Om

So try backing off on optimization if you see such a problem. (Are there several different releases all numbered "4.5"??)

Microsoft Windows, Microsoft Visual C++:

jconfig.vc should work OK with any Microsoft compiler for a 32-bit memory model. makefile.vc is intended for command-line use. (If you are using the Developer Studio environment, you may prefer the DevStudio project files; see below.)

IJG JPEG 7 adds extern "C" to jpeglib.h. This avoids the need to put extern "C" {} around #include "jpeglib.h" in your C++ application.

You can also force VC++ to treat the library as C++ code by renaming all the *.c files to *.cpp (and adjusting the makefile to match).

In this case you also need to define the symbol DONT_USE_EXTERN_C in the configuration to prevent jpeglib.h from using extern "C".

Microsoft Windows, Microsoft Visual C++ 6 Developer Studio:

We include makefiles that should work as project files in DevStudio 6.0 or later. There is a library makefile that builds the IJG library as a static Win32 library, and application makefiles that build the sample applications as Win32 console applications. (Even if you only want the library, we recommend building the applications so that you can run the self-test.)
To use:
1. Open the command prompt, change to the main directory and execute the command line
   NMAKE /f makefile.vc setup-vc6
   This will move jconfig.vc to jconfig.h and makefiles to project files.
   (Note that the renaming is critical!)
2. Open the workspace file jpeg.dsw, build the library project.
   (If you are using DevStudio more recent than 6.0, you'll probably get a message saying that the project files are being updated.)
3. Open the workspace file apps.dsw, build the application projects.
4. To perform the self-test, execute the command line
   NMAKE /f makefile.vc test-build
5. Move the application .exe files from `app`\Release to an appropriate location on your path.

Microsoft Windows, Microsoft Visual C++ 2010 Developer Studio (v10):

We include makefiles that should work as project files in Visual Studio 2010 or later. There is a library makefile that builds the IJG library as a static Win32 library, and application makefiles that build the sample applications as Win32 console applications. (Even if you only want the library, we recommend building the applications so that you can run the self-test.)

To use:
1. Open the command prompt, change to the main directory and execute the command line
   NMAKE /f makefile.vc setup-v10
   This will move jconfig.vc to jconfig.h and makefiles to project files.
   (Note that the renaming is critical!)
2. Open the solution file jpeg.sln, build the library project.
   (If you are using Visual Studio more recent than 2010 (v10), you'll probably get a message saying that the project files are being updated.)
3. Open the solution file apps.sln, build the application projects.
4. To perform the self-test, execute the command line
   NMAKE /f makefile.vc test-build
5. Move the application .exe files from `app`\Release to an appropriate location on your path.

Note:
There seems to be an optimization bug in the compiler which causes the self-test to fail with the color quantization option.
We have disabled optimization for the file jquant2.c in the library project file which causes the self-test to pass properly.
OS/2, Borland C++:

Watch out for optimization bugs in older Borland compilers; you may need to back off the optimization switch settings. See the comments in makefile.bcc.

SGI:

On some SGI systems, you may need to set "AR2= ar -ts" in the Makefile. If you are using configure, you can do this by saying

```
./configure RANLIB='ar -ts'
```

This change is not needed on all SGIs. Use it only if the make fails at the stage of linking the completed programs.

On the MIPS R4000 architecture (Indy, etc.), the compiler option "-mips2" reportedly speeds up the float DCT method substantially, enough to make it faster than the default int method (but still slower than the fast int method). If you use -mips2, you may want to alter the default DCT method to be float. To do this, put "#define JDCT_DEFAULT JDCT_FLOAT" in jconfig.h.

VMS:

On an Alpha/VMS system with MMS, be sure to use the "/Marco=Alpha=1" qualifier with MMS when building the JPEG package.

VAX/VMS v5.5-1 may have problems with the test step of the build procedure reporting differences when it compares the original and test images. If the error points to the last block of the files, it is most likely bogus and may be safely ignored. It seems to be because the files are Stream_LF and Backup/Compare has difficulty with the (presumably) null padded files. This problem was not observed on VAX/VMS v6.1 or AXP/VMS v6.1.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/install.txt

No license file was found, but licenses were detected in source scan.

/*
 * transupp.c
 *
 * Copyright (C) 1997-2013, Thomas G. Lane, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains image transformation routines and other utility code
 * used by the jpegtran sample application. These are NOT part of the core
* JPEG library. But we keep these routines separate from jpegtran.c to
* ease the task of maintaining jpegtran-like programs that have other user
* interfaces.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/transupp.c
No license file was found, but licenses were detected in source scan.

/*
  * jmemmgr.c
  *
  * Copyright (C) 1991-1997, Thomas G. Lane.
  * Modified 2011-2012 by Guido Vollbeding.
  * This file is part of the Independent JPEG Group's software.
  * For conditions of distribution and use, see the accompanying README file.
  *
  * This file contains the JPEG system-independent memory management
  * routines. This code is usable across a wide variety of machines; most
  * of the system dependencies have been isolated in a separate file.
  * The major functions provided here are:
  *   * pool-based allocation and freeing of memory;
  *   * policy decisions about how to divide available memory among the
  *     virtual arrays;
  *   * control logic for swapping virtual arrays between main memory and
  *     backing storage.
  * The separate system-dependent file provides the actual backing-storage
  * access code, and it contains the policy decision about how much total
  * main memory to use.
  * This file is system-dependent in the sense that some of its functions
  * are unnecessary in some systems. For example, if there is enough virtual
  * memory so that backing storage will never be used, much of the virtual
  * array control logic could be removed. (Of course, if you have that much
  * memory then you shouldn't care about a little bit of unused code...)
  */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jmemmgr.c
No license file was found, but licenses were detected in source scan.

/*
  * jpegint.h
  *
  * Copyright (C) 1991-1997, Thomas G. Lane.
  * Modified 1997-2013 by Guido Vollbeding.
  * This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.

* This file provides common declarations for the various JPEG modules.
* These declarations are considered internal to the JPEG library; most
* applications using the library shouldn't need to include this file.
* /

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jpegint.h
No license file was found, but licenses were detected in source scan.

/*
 * jpegtran.c
 *
 * Copyright (C) 1995-2013, Thomas G. Lane, Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a command-line user interface for JPEG transcoding.
 * It is very similar to cjpeg.c, and partly to djpeg.c, but provides
 * lossless transcoding between different JPEG file formats. It also
 * provides some lossless and sort-of-lossless transformations of JPEG data.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jpegtran.c
No license file was found, but licenses were detected in source scan.

/*
 * cjpeg.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a command-line user interface for the JPEG compressor.
 * It should work on any system with Unix- or MS-DOS-style command lines.
 *
 * Two different command line styles are permitted, depending on the
 * compile-time switch TWO_FILE_COMMANDLINE:
 *cjpeg [options] inputfile outputfile
 *cjpeg [options] [inputfile]
 * In the second style, output is always to standard output, which you'd
 * normally redirect to a file or pipe to some other program. Input is
 * either from a named file or from standard input (typically redirected).
* The second style is convenient on Unix but is unhelpful on systems that
don't support pipes. Also, you MUST use the first style if your system
doesn't do binary I/O to stdin/stdout.
* To simplify script writing, the "-outfile" switch is provided. The syntax
`cjpeg [options] -outfile outputfile inputfile`
* works regardless of which command line style is used.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/cjpeg.c
No license file was found, but licenses were detected in source scan.

/*
* rdbmp.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modified 2009-2010 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains routines to read input images in Microsoft "BMP"
* format (MS Windows 3.x, OS/2 1.x, and OS/2 2.x flavors).
* Currently, only 8-bit and 24-bit images are supported, not 1-bit or
* 4-bit (feeding such low-depth images into JPEG would be silly anyway).
* Also, we don't support RLE-compressed files.
*
* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume input from
* an ordinary stdio stream. They further assume that reading begins
* at the start of the file; start_input may need work if the
* user interface has already read some data (e.g., to determine that
* the file is indeed BMP format).
*
* This code contributed by James Arthur Boucher.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/rdbmp.c
No license file was found, but licenses were detected in source scan.

/*
* jccoefct.c
*
* Copyright (C) 1994-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains the coefficient buffer controller for compression.
* This controller is the top level of the JPEG compressor proper.
* The coefficient buffer lies between forward-DCT and entropy encoding steps.
*/

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jccoefct.c

No license file was found, but licenses were detected in source scan.

*/
* jdmaster.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2002-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file contains master control logic for the JPEG decompressor.
* These routines are concerned with selecting the modules to be executed
* and with determining the number of passes and the work to be done in each
* pass.
*/

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdmaster.c

No license file was found, but licenses were detected in source scan.

*/
* jpeglib.h
*
* Copyright (C) 1991-1998, Thomas G. Lane.
* Modified 2002-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file defines the application interface for the JPEG library.
* Most applications using the library need only include this file,
* and perhaps jerror.h if they want to know the exact error codes.
*/

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jpeglib.h
No license file was found, but licenses were detected in source scan.

/*
 * jidctint.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * Modification developed 2002-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a slow-but-accurate integer implementation of the
 * inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
 * must also perform dequantization of the input coefficients.
 *
 * A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
 * on each row (or vice versa, but it's more convenient to emit a row at
 * a time). Direct algorithms are also available, but they are much more
 * complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on an algorithm described in
 * C. Loeffler, A. Ligtenberg and G. Moschytz, "Practical Fast 1-D DCT
 * Algorithms with 11 Multiplications", Proc. Int'l. Conf. on Acoustics,
 * The primary algorithm described there uses 11 multiplies and 29 adds.
 * We use their alternate method with 12 multiplies and 32 adds.
 * The advantage of this method is that no data path contains more than one
 * multiplication; this allows a very simple and accurate implementation in
 * scaled fixed-point arithmetic, with a minimal number of shifts.
 *
 * We also provide IDCT routines with various output sample block sizes for
 * direct resolution reduction or enlargement and for direct resolving the
 * common 2x1 and 1x2 subsampling cases without additional resampling: NxN
 * (N=1...16), 2NxN, and Nx2N (N=1...8) pixels for one 8x8 input DCT block.
 *
 * For N<8 we simply take the corresponding low-frequency coefficients of
 * the 8x8 input DCT block and apply an NxN point IDCT on the sub-block
 * to yield the downscaled outputs.
 * This can be seen as direct low-pass downsampling from the DCT domain
 * point of view rather than the usual spatial domain point of view,
 * yielding significant computational savings and results at least
 * as good as common bilinear (averaging) spatial downsampling.
 *
 * For N>8 we apply a partial NxN IDCT on the 8 input coefficients as
 * lower frequencies and higher frequencies assumed to be zero.
 * It turns out that the computational effort is similar to the 8x8 IDCT
 * regarding the output size.
 * Furthermore, the scaling and descaling is the same for all IDCT sizes.
 *
* CAUTION: We rely on the FIX() macro except for the N=1,2,4,8 cases
* since there would be too many additional constants to pre-calculate.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jidctint.c
No license file was found, but licenses were detected in source scan.

/*
 * wrgif.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write output images in GIF format.
 *
**************************************************************************
* NOTE: to avoid entanglements with Unisys' patent on LZW compression,   *
* this code has been modified to output "uncompressed GIF" files.        *
* There is no trace of the LZW algorithm in this file.                  *
**************************************************************************
 *
* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume output to
* an ordinary stdio stream.
*/

/*
 * This code is loosely based on ppmtogif from the PBMPLUS distribution
 * of Feb. 1991. That file contains the following copyright notice:
 * Based on GIFENCODER by David Rowley <mgardi@watdscu.waterloo.edu>.
 * Lempel-Ziv compression based on "compress" by Spencer W. Thomas et al.
 * Copyright (C) 1989 by Jef Poskanzer.
 * Permission to use, copy, modify, and distribute this software and its
 * documentation for any purpose and without fee is hereby granted, provided
 * that the above copyright notice appear in all copies and that both that
 * copyright notice and this permission notice appear in supporting
 * documentation. This software is provided "as is" without express or
 * implied warranty.
 *
* We are also required to state that
* "The Graphics Interchange Format(c) is the Copyright property of
* CompuServe Incorporated. GIF(sm) is a Service Mark property of
* CompuServe Incorporated."
*/

Found in path(s):
No license file was found, but licenses were detected in source scan.

The Independent JPEG Group's JPEG software

============================================

README for release 9a of 19-Jan-2014

============================================

This distribution contains the ninth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

This software is the work of Tom Lane, Guido Vollbeding, Philip Gladstone, Bill Allombert, Jim Boucher, Lee Crocker, Bob Friesenhahn, Ben Jackson, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16).

DOCUMENTATION ROADMAP

This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
ACKNOWLEDGMENTS Special thanks.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.txt How to configure and install the IJG software.
usage.txt Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.txt).
wizard.txt Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:
libjpeg.txt How to use the JPEG library in your own programs.
example.c  Sample code for calling the JPEG library.
structure.txt  Overview of the JPEG library's internal structure.
filelist.txt  Road map of IJG files.
coderules.txt  Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information
can also be found in the JPEG FAQ (Frequently Asked Questions) article. See
ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or
more of the REFERENCES, then looking at the documentation files (in roughly
the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image encoding, decoding,
and transcoding. JPEG (pronounced "jay-peg") is a standardized compression
method for full-color and gray-scale images.

This software implements JPEG baseline, extended-sequential, and progressive
compression processes. Provision is made for supporting all variants of these
processes, although some uncommon parameter settings aren't implemented yet.
We have made no provision for supporting the hierarchical or lossless
processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files,
plus two sample applications "cjpeg" and "djpeg", which use the library to
perform conversion between JPEG and some other popular image file formats.
The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included
considerable functionality beyond the bare JPEG coding/decoding capability;
for example, the color quantization modules are not strictly part of JPEG
decoding, but they are essential for output to colormapped file formats or
colormapped displays. These extra functions can be compiled out of the
library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between
different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple
applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and
flexibility, while also making it fast enough to be useful. In particular,
the software is not intended to be read as a tutorial on JPEG. (See the
REFERENCES section for introductory material.) Rather, it is intended to
be reliable, portable, industrial-strength code. We do not claim to have
achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

LEGAL ISSUES

In plain English:

1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-2014, Thomas G. Lane, Guido Vollbeding. All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:
(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.
(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".
(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name
in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent (now expired), GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

REFERENCES
==========

We recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at http://www.ijg.org/files/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by
M&T Books (New York), 2nd ed. 1996. ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...


Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology.

If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.


IJG JPEG 9 introduces a reversible color transform for improved lossless compression which is described in a contributed document ISO/IEC JTC1/SC29/WG1 N 6080 with title "JPEG 9 Lossless Coding", June/July 2012, Paris, France.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. JFIF 1.02 has been adopted as an Ecma International Technical Report and thus received a formal publication status. It is available as a free download in PDF format from http://www.ecma-international.org/publications/techreports/E-TR-098.htm.

A PostScript version of the JFIF document is available at http://www.ijg.org/files/jfif.ps.gz. There is also a plain text version at http://www.ijg.org/files/jfif.txt.gz, but it is missing the figures.
The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from http://www.iijg.org/files/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS
=================

The "official" archive site for this software is www.iijg.org. The most recent released version can always be found there in directory "files". This particular version will be archived as http://www.iijg.org/files/jpegsrc.v9a.tar.gz, and in Windows-compatible "zip" archive format as http://www.iijg.org/files/jpegsr9a.zip.


If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body
send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

ACKNOWLEDGMENTS
=================

Thank to Juergen Bruder for providing me with a copy of the common DCT algorithm article, only to find out that I had come to the same result in a more direct and comprehensible way with a more generative approach.

Thank to Istvan Sebestyen and Joan L. Mitchell for inviting me to the ITU JPEG (Study Group 16) meeting in Geneva, Switzerland.

Thank to Thomas Wiegand and Gary Sullivan for inviting me to the Joint Video Team (MPEG & ITU) meeting in Geneva, Switzerland.

Thank to Thomas Richter and Daniel Lee for inviting me to the ISO/IEC JTC1/SC29/WG1 (previously known as JPEG, together with ITU-T SG16)
Thank to John Korejwa and Massimo Ballerini for inviting me to fruitful consultations in Boston, MA and Milan, Italy.

Thank to Hendrik Elstner, Roland Fassauer, Simone Zuck, Guenther Maier-Gerber, Walter Stoeber, Fred Schmitz, and Norbert Braunagel for corresponding business development.

Thank to Nico Zschach and Dirk Stelling of the technical support team at the Digital Images company in Halle for providing me with extra equipment for configuration tests.

Thank to Richard F. Lyon (then of Foveon Inc.) for fruitful communication about JPEG configuration in Sigma Photo Pro software.

Thank to Andrew Finkenstadt for hosting the iijg.org site.

Last but not least special thank to Thomas G. Lane for the original design and development of this singular software package.

**FILE FORMAT WARS**

The ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies. IJG therefore does not and will not support such momentary mistakes (see REFERENCES).

There exist also distributions under the name "OpenJPEG" promoting such kind of formats which is misleading because they don't support original JPEG images.

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files. Don't use an incompatible file format!

(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

The ISO committee pretends to be "responsible for the popular JPEG" in their public reports which is not true because they don't respond to actual requirements for the maintenance of the original JPEG specification. Furthermore, the ISO committee pretends to "ensure interoperability" with their standards which is not true because their "standards" support only application-specific and proprietary use cases and contain mathematically incorrect code.
There are currently different distributions in circulation containing the name "libjpeg" which is misleading because they don't have the features and are incompatible with formats supported by actual IJG libjpeg distributions. One of those fakes is released by members of the ISO committee and just uses the name of libjpeg for misdirection of people, similar to the abuse of the name JPEG as described above, while having nothing in common with actual IJG libjpeg distributions and containing mathematically incorrect code. The other one claims to be a "derivative" or "fork" of the original libjpeg, but violates the license conditions as described under LEGAL ISSUES above and violates basic C programming properties. We have no sympathy for the release of misleading, incorrect and illegal distributions derived from obsolete code bases.

Don't use an obsolete code base!

According to the UCC (Uniform Commercial Code) law, IJG has the lawful and legal right to foreclose on certain standardization bodies and other institutions or corporations that knowingly perform substantial and systematic deceptive acts and practices, fraud, theft, and damaging of the value of the people of this planet without their knowing, willing and intentional consent. The titles, ownership, and rights of these institutions and all their assets are now duly secured and held in trust for the free people of this planet. People of the planet, on every country, may have a financial interest in the assets of these former principals, agents, and beneficiaries of the foreclosed institutions and corporations. IJG asserts what is: that each man, woman, and child has unalienable value and rights granted and deposited in them by the Creator and not any one of the people is subordinate to any artificial principality, corporate fiction or the special interest of another without their appropriate knowing, willing and intentional consent made by contract or accommodation agreement. IJG expresses that which already was. The people have already determined and demanded that public administration entities, national governments, and their supporting judicial systems must be fully transparent, accountable, and liable. IJG has secured the value for all concerned free people of the planet.

A partial list of foreclosed institutions and corporations ("Hall of Shame") is currently prepared and will be published later.

TO DO

=====  

Version 9 is the second release of a new generation JPEG standard to overcome the limitations of the original JPEG specification, and is the first true source reference JPEG codec. More features are being prepared for coming releases...
Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/README
No license file was found, but licenses were detected in source scan.

/*
 * rdrle.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to read input images in Utah RLE format.
 * The Utah Raster Toolkit library is required (version 3.1 or later).
 *
 * These routines may need modification for non-Unix environments or
 * specialized applications. As they stand, they assume input from
 * an ordinary stdio stream. They further assume that reading begins
 * at the start of the file; start_input may need work if the
 * user interface has already read some data (e.g., to determine that
 * the file is indeed RLE format).
 *
 * Based on code contributed by Mike Lijewski,
 * with updates from Robert Hutchinson.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/rdrle.c
No license file was found, but licenses were detected in source scan.

/*
 * jchuff.c
 *
 * Copyright (C) 1991-1997, Thomas G. Lane.
 * Modified 2006-2013 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains Huffman entropy encoding routines.
 * Both sequential and progressive modes are supported in this single module.
 *
 * Much of the complexity here has to do with supporting output suspension.
 * If the data destination module demands suspension, we want to be able to
 * back up to the start of the current MCU. To do this, we copy state
variables into local working storage, and update them back to the
permanent JPEG objects only upon successful completion of an MCU.

We do not support output suspension for the progressive JPEG mode, since
the library currently does not allow multiple-scan files to be written
with output suspension.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jchuff.c
No license file was found, but licenses were detected in source scan.

jutils.c

Copyright (C) 1991-1996, Thomas G. Lane.
Modified 2009-2011 by Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file contains tables and miscellaneous utility routines needed
for both compression and decompression.
Note we prefix all global names with "j" to minimize conflicts with
a surrounding application.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jdutils.c
No license file was found, but licenses were detected in source scan.

jdhuff.c

Copyright (C) 1991-1997, Thomas G. Lane.
Modified 2006-2013 by Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file contains Huffman entropy decoding routines.
Both sequential and progressive modes are supported in this single module.

Much of the complexity here has to do with supporting input suspension.
If the data source module demands suspension, we want to be able to back
up to the start of the current MCU. To do this, we copy state variables
into local working storage, and update them back to the permanent
storage only upon successful completion of an MCU.
Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdhuff.c

No license file was found, but licenses were detected in source scan.

*/

* jcmainct.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains the main buffer controller for compression.
* The main buffer lies between the pre-processor and the JPEG compressor proper; it holds downsampled data in the JPEG colorspace.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcmainct.c

No license file was found, but licenses were detected in source scan.

IJK JPEG LIBRARY: SYSTEM ARCHITECTURE

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This file provides an overview of the architecture of the IJK JPEG software; that is, the functions of the various modules in the system and the interfaces between modules. For more precise details about any data structure or calling convention, see the include files and comments in the source code.

We assume that the reader is already somewhat familiar with the JPEG standard. The README file includes references for learning about JPEG. The file libjpeg.txt describes the library from the viewpoint of an application programmer using the library; it's best to read that file before this one. Also, the file coderules.txt describes the coding style conventions we use.

In this document, JPEG-specific terminology follows the JPEG standard:
A "component" means a color channel, e.g., Red or Luminance.
A "sample" is a single component value (i.e., one number in the image data).
A "coefficient" is a frequency coefficient (a DCT transform output number).
A "block" is an array of samples or coefficients.
An "MCU" (minimum coded unit) is an interleaved set of blocks of size determined by the sampling factors, or a single block in a noninterleaved scan.

We do not use the terms "pixel" and "sample" interchangeably. When we say pixel, we mean an element of the full-size image, while a sample is an element of the downsampled image. Thus the number of samples may vary across components while the number of pixels does not. (This terminology is not used rigorously throughout the code, but it is used in places where confusion would otherwise result.)

*** System features ***

The IJG distribution contains two parts:
* A subroutine library for JPEG compression and decompression.
* cjpeg/djpeg, two sample applications that use the library to transform JFIF JPEG files to and from several other image formats.

Cjpeg/djpeg are of no great intellectual complexity: they merely add a simple command-line user interface and I/O routines for several uncompressed image formats. This document concentrates on the library itself.

We desire the library to be capable of supporting all JPEG baseline, extended sequential, and progressive DCT processes. The library does not support the hierarchical or lossless processes defined in the standard.

Within these limits, any set of compression parameters allowed by the JPEG spec should be readable for decompression. (We can be more restrictive about what formats we can generate.) Although the system design allows for all parameter values, some uncommon settings are not yet implemented and may never be; nonintegral sampling ratios are the prime example. Furthermore, we treat 8-bit vs. 12-bit data precision as a compile-time switch, not a run-time option, because most machines can store 8-bit pixels much more compactly than 12-bit.

By itself, the library handles only interchange JPEG datastreams --- in particular the widely used JFIF file format. The library can be used by surrounding code to process interchange or abbreviated JPEG datastreams that are embedded in more complex file formats. (For example, libtiff uses this library to implement JPEG compression within the TIFF file format.)

The library includes a substantial amount of code that is not covered by the JPEG standard but is necessary for typical applications of JPEG. These functions preprocess the image before JPEG compression or postprocess it after decompression. They include colorspace conversion, downsampling/upsampling, and color quantization. This code can be omitted if not needed.

A wide range of quality vs. speed tradeoffs are possible in JPEG processing, and even more so in decompression postprocessing. The decompression library
provides multiple implementations that cover most of the useful tradeoffs, ranging from very-high-quality down to fast-preview operation. On the compression side we have generally not provided low-quality choices, since compression is normally less time-critical. It should be understood that the low-quality modes may not meet the JPEG standard's accuracy requirements; nonetheless, they are useful for viewers.

*** Portability issues ***

Portability is an essential requirement for the library. The key portability issues that show up at the level of system architecture are:

1. Memory usage. We want the code to be able to run on PC-class machines with limited memory. Images should therefore be processed sequentially (in strips), to avoid holding the whole image in memory at once. Where a full-image buffer is necessary, we should be able to use either virtual memory or temporary files.

2. Near/far pointer distinction. To run efficiently on 80x86 machines, the code should distinguish "small" objects (kept in near data space) from "large" ones (kept in far data space). This is an annoying restriction, but fortunately it does not impact code quality for less brain-damaged machines, and the source code clutter turns out to be minimal with sufficient use of pointer typedefs.

3. Data precision. We assume that "char" is at least 8 bits, "short" and "int" at least 16, "long" at least 32. The code will work fine with larger data sizes, although memory may be used inefficiently in some cases. However, the JPEG compressed datastream must ultimately appear on external storage as a sequence of 8-bit bytes if it is to conform to the standard. This may pose a problem on machines where char is wider than 8 bits. The library represents compressed data as an array of values of typedef JOCTET. If no data type exactly 8 bits wide is available, custom data source and data destination modules must be written to unpack and pack the chosen JOCTET datatype into 8-bit external representation.

*** System overview ***

The compressor and decompressor are each divided into two main sections: the JPEG compressor or decompressor proper, and the preprocessing or postprocessing functions. The interface between these two sections is the image data that the official JPEG spec regards as its input or output: this data is in the colorspace to be used for compression, and it is downsampling to the sampling factors to be used. The preprocessing and postprocessing steps are responsible for converting a normal image representation to or from this form. (Those few applications that want to deal with YCbCr downsampling
data can skip the preprocessing or postprocessing step.)

Looking more closely, the compressor library contains the following main elements:

Preprocessing:
* Color space conversion (e.g., RGB to YCbCr).
* Edge expansion and downsampling. Optionally, this step can do simple smoothing --- this is often helpful for low-quality source data.

JPEG proper:
* MCU assembly, DCT, quantization.
* Entropy coding (sequential or progressive, Huffman or arithmetic).

In addition to these modules we need overall control, marker generation, and support code (memory management & error handling). There is also a module responsible for physically writing the output data --- typically this is just an interface to fwrite(), but some applications may need to do something else with the data.

The decompressor library contains the following main elements:

JPEG proper:
* Entropy decoding (sequential or progressive, Huffman or arithmetic).
* Dequantization, inverse DCT, MCU disassembly.

Postprocessing:
* Upsampling. Optionally, this step may be able to do more general rescaling of the image.
* Color space conversion (e.g., YCbCr to RGB). This step may also provide gamma adjustment [ currently it does not ].
* Optional color quantization (e.g., reduction to 256 colors).
* Optional color precision reduction (e.g., 24-bit to 15-bit color).
[This feature is not currently implemented.]

We also need overall control, marker parsing, and a data source module.

The support code (memory management & error handling) can be shared with the compression half of the library.

There may be several implementations of each of these elements, particularly in the decompressor, where a wide range of speed/quality tradeoffs is very useful. It must be understood that some of the best speedups involve merging adjacent steps in the pipeline. For example, upsampling, color space conversion, and color quantization might all be done at once when using a low-quality ordered-dither technique. The system architecture is designed to allow such merging where appropriate.

Note: it is convenient to regard edge expansion (padding to block boundaries) as a preprocessing/postprocessing function, even though the JPEG spec includes
it in compression/decompression. We do this because downsampling/upsampling can be simplified a little if they work on padded data: it's not necessary to have special cases at the right and bottom edges. Therefore the interface buffer is always an integral number of blocks wide and high, and we expect compression preprocessing to pad the source data properly. Padding will occur only to the next block (block_size-sample) boundary. In an interleaved-scan situation, additional dummy blocks may be used to fill out MCUs, but the MCU assembly and disassembly logic will create or discard these blocks internally. (This is advantageous for speed reasons, since we avoid DCTing the dummy blocks. It also permits a small reduction in file size, because the compressor can choose dummy block contents so as to minimize their size in compressed form. Finally, it makes the interface buffer specification independent of whether the file is actually interleaved or not.) Applications that wish to deal directly with the downsampled data must provide similar buffering and padding for odd-sized images.

*** Poor man's object-oriented programming ***

It should be clear by now that we have a lot of quasi-independent processing steps, many of which have several possible behaviors. To avoid cluttering the code with lots of switch statements, we use a simple form of object-style programming to separate out the different possibilities.

For example, two different color quantization algorithms could be implemented as two separate modules that present the same external interface; at runtime, the calling code will access the proper module indirectly through an "object".

We can get the limited features we need while staying within portable C. The basic tool is a function pointer. An "object" is just a struct containing one or more function pointer fields, each of which corresponds to a method name in real object-oriented languages. During initialization we fill in the function pointers with references to whichever module we have determined we need to use in this run. Then invocation of the module is done by indirecting through a function pointer; on most machines this is no more expensive than a switch statement, which would be the only other way of making the required run-time choice. The really significant benefit, of course, is keeping the source code clean and well structured.

We can also arrange to have private storage that varies between different implementations of the same kind of object. We do this by making all the module-specific object structs be separately allocated entities, which will be accessed via pointers in the master compression or decompression struct. The "public" fields or methods for a given kind of object are specified by a commonly known struct. But a module's initialization code can allocate a larger struct that contains the common struct as its first member, plus additional private fields. With appropriate pointer casting, the module's internal functions can access these private fields. (For a simple example,
see jdatadst.c, which implements the external interface specified by struct
jpeg_destination_mgr, but adds extra fields.)

(Of course this would all be a lot easier if we were using C++, but we are
not yet prepared to assume that everyone has a C++ compiler.)

An important benefit of this scheme is that it is easy to provide multiple
versions of any method, each tuned to a particular case. While a lot of
precalculation might be done to select an optimal implementation of a method,
the cost per invocation is constant. For example, the upsampling step might
have a "generic" method, plus one or more "hardwired" methods for the most
popular sampling factors; the hardwired methods would be faster because they'd
use straight-line code instead of for-loops. The cost to determine which
method to use is paid only once, at startup, and the selection criteria are
hidden from the callers of the method.

This plan differs a little bit from usual object-oriented structures, in that
only one instance of each object class will exist during execution. The
reason for having the class structure is that on different runs we may create
different instances (choose to execute different modules). You can think of
the term "method" as denoting the common interface presented by a particular
set of interchangeable functions, and "object" as denoting a group of related
methods, or the total shared interface behavior of a group of modules.

*** Overall control structure ***

We previously mentioned the need for overall control logic in the compression
and decompression libraries. In IJG implementations prior to v5, overall
control was mostly provided by "pipeline control" modules, which proved to be
large, unwieldy, and hard to understand. To improve the situation, the
control logic has been subdivided into multiple modules. The control modules
consist of:

1. Master control for module selection and initialization. This has two
   responsibilities:

   1A. Startup initialization at the beginning of image processing.
       The individual processing modules to be used in this run are selected
       and given initialization calls.

   1B. Per-pass control. This determines how many passes will be performed
       and calls each active processing module to configure itself
       appropriately at the beginning of each pass. End-of-pass processing,
where necessary, is also invoked from the master control module.

Method selection is partially distributed, in that a particular processing
module may contain several possible implementations of a particular method,
which it will select among when given its initialization call. The master
control code need only be concerned with decisions that affect more than
one module.

2. Data buffering control. A separate control module exists for each
inter-processing-step data buffer. This module is responsible for
invoking the processing steps that write or read that data buffer.

Each buffer controller sees the world as follows:

input data => processing step A => buffer => processing step B => output data
             |                   |
              ------------------ controller ------------------

The controller knows the dataflow requirements of steps A and B: how much data
they want to accept in one chunk and how much they output in one chunk. Its
function is to manage its buffer and call A and B at the proper times.

A data buffer control module may itself be viewed as a processing step by a
higher-level control module; thus the control modules form a binary tree with
elementary processing steps at the leaves of the tree.

The control modules are objects. A considerable amount of flexibility can
be had by replacing implementations of a control module. For example:
* Merging of adjacent steps in the pipeline is done by replacing a control
  module and its pair of processing-step modules with a single processing-
  step module. (Hence the possible merges are determined by the tree of
  control modules.)
* In some processing modes, a given interstep buffer need only be a "strip"
  buffer large enough to accommodate the desired data chunk sizes. In other
  modes, a full-image buffer is needed and several passes are required.
  The control module determines which kind of buffer is used and manipulates
  virtual array buffers as needed. One or both processing steps may be
  unaware of the multi-pass behavior.

In theory, we might be able to make all of the data buffer controllers
interchangeable and provide just one set of implementations for all. In
practice, each one contains considerable special-case processing for its
particular job. The buffer controller concept should be regarded as an
overall system structuring principle, not as a complete description of the
task performed by any one controller.

*** Compression object structure ***

Here is a sketch of the logical structure of the JPEG compression library:

|-- Colorspace conversion
This sketch also describes the flow of control (subroutine calls) during typical image data processing. Each of the components shown in the diagram is an "object" which may have several different implementations available. One or more source code files contain the actual implementation(s) of each object.

The objects shown above are:

* **Main controller:** buffer controller for the subsampled-data buffer, which holds the preprocessed input data. This controller invokes preprocessing to fill the subsampled-data buffer, and JPEG compression to empty it. There is usually no need for a full-image buffer here; a strip buffer is adequate.

* **Preprocessing controller:** buffer controller for the downsampling input data buffer, which lies between colorspace conversion and downsampling. Note that a unified conversion/downsampling module would probably replace this controller entirely.

* **Colorspace conversion:** converts application image data into the desired JPEG color space; also changes the data from pixel-interleaved layout to separate component planes. Processes one pixel row at a time.

* **Downsampling:** performs reduction of chroma components as required. Optionally may perform pixel-level smoothing as well. Processes a "row group" at a time, where a row group is defined as Vmax pixel rows of each component before downsampling, and Vk sample rows afterwards (remember Vk differs across components). Some downsampling or smoothing algorithms may require context rows above and below the current row group; the preprocessing controller is responsible for supplying these rows via proper buffering. The downsampler is responsible for edge expansion at the right edge (i.e., extending each sample row to a multiple of block_size samples); but the preprocessing controller is responsible for vertical edge expansion (i.e., duplicating the bottom sample row as needed to make a multiple of block_size rows).

* **Coefficient controller:** buffer controller for the DCT-coefficient data. This controller handles MCU assembly, including insertion of dummy DCT blocks when needed at the right or bottom edge. When performing Huffman-code optimization or emitting a multiscan JPEG file, this controller is responsible for buffering the full image. The equivalent of one fully interleaved MCU row of subsampled data is processed per call, even when the JPEG file is noninterleaved.
* Forward DCT and quantization: Perform DCT, quantize, and emit coefficients. Works on one or more DCT blocks at a time. (Note: the coefficients are now emitted in normal array order, which the entropy encoder is expected to convert to zigzag order as necessary. Prior versions of the IJG code did the conversion to zigzag order within the quantization step.)

* Entropy encoding: Perform Huffman or arithmetic entropy coding and emit the coded data to the data destination module. Works on one MCU per call. For progressive JPEG, the same DCT blocks are fed to the entropy coder during each pass, and the coder must emit the appropriate subset of coefficients.

In addition to the above objects, the compression library includes these objects:

* Master control: determines the number of passes required, controls overall and per-pass initialization of the other modules.

* Marker writing: generates JPEG markers (except for RSTn, which is emitted by the entropy encoder when needed).

* Data destination manager: writes the output JPEG datastream to its final destination (e.g., a file). The destination manager supplied with the library knows how to write to a stdio stream or to a memory buffer; for other behaviors, the surrounding application may provide its own destination manager.

* Memory manager: allocates and releases memory, controls virtual arrays (with backing store management, where required).

* Error handler: performs formatting and output of error and trace messages; determines handling of nonfatal errors. The surrounding application may override some or all of this object’s methods to change error handling.

* Progress monitor: supports output of "percent-done" progress reports. This object represents an optional callback to the surrounding application: if wanted, it must be supplied by the application.

The error handler, destination manager, and progress monitor objects are defined as separate objects in order to simplify application-specific customization of the JPEG library. A surrounding application may override individual methods or supply its own all-new implementation of one of these objects. The object interfaces for these objects are therefore treated as part of the application interface of the library, whereas the other objects are internal to the library.

The error handler and memory manager are shared by JPEG compression and
decompression; the progress monitor, if used, may be shared as well.

*** Decompression object structure ***

Here is a sketch of the logical structure of the JPEG decompression library:

```
|-- Entropy decoding
    |-- Coefficient controller --|
        |-- Dequantize, Inverse DCT
Main controller --|
    |-- Upsampling
    |-- Postprocessing controller --|  |-- Colorspace conversion
        |-- Color quantization
        |-- Color precision reduction
```

As before, this diagram also represents typical control flow. The objects shown are:

* Main controller: buffer controller for the subsampled-data buffer, which holds the output of JPEG decompression proper. This controller's primary task is to feed the postprocessing procedure. Some upsampling algorithms may require context rows above and below the current row group; when this is true, the main controller is responsible for managing its buffer so as to make context rows available. In the current design, the main buffer is always a strip buffer; a full-image buffer is never required.

* Coefficient controller: buffer controller for the DCT-coefficient data. This controller handles MCU disassembly, including deletion of any dummy DCT blocks at the right or bottom edge. When reading a multiscan JPEG file, this controller is responsible for buffering the full image. (Buffering DCT coefficients, rather than samples, is necessary to support progressive JPEG.) The equivalent of one fully interleaved MCU row of subsampled data is processed per call, even when the source JPEG file is noninterleaved.

* Entropy decoding: Read coded data from the data source module and perform Huffman or arithmetic entropy decoding. Works on one MCU per call. For progressive JPEG decoding, the coefficient controller supplies the prior coefficients of each MCU (initially all zeroes), which the entropy decoder modifies in each scan.

* Dequantization and inverse DCT: like it says. Note that the coefficients buffered by the coefficient controller have NOT been dequantized; we merge dequantization and inverse DCT into a single step for speed reasons. When scaled-down output is asked for, simplified DCT algorithms may be used that need fewer coefficients and emit fewer samples per DCT block, not the full 8x8. Works on one DCT block at a time.
* Postprocessing controller: buffer controller for the color quantization input buffer, when quantization is in use. (Without quantization, this controller just calls the upsampler.) For two-pass quantization, this controller is responsible for buffering the full-image data.

* Upsampling: restores chroma components to full size. (May support more general output rescaling, too. Note that if undersized DCT outputs have been emitted by the DCT module, this module must adjust so that properly sized outputs are created.) Works on one row group at a time. This module also calls the color conversion module, so its top level is effectively a buffer controller for the upsampling->color conversion buffer. However, in all but the highest-quality operating modes, upsampling and color conversion are likely to be merged into a single step.

* Colorspace conversion: convert from JPEG color space to output color space, and change data layout from separate component planes to pixel-interleaved. Works on one pixel row at a time.

* Color quantization: reduce the data to colormapped form, using either an externally specified colormap or an internally generated one. This module is not used for full-color output. Works on one pixel row at a time; may require two passes to generate a color map. Note that the output will always be a single component representing colormap indexes. In the current design, the output values are JSAMPLEs, so an 8-bit compilation cannot quantize to more than 256 colors. This is unlikely to be a problem in practice.

* Color reduction: this module handles color precision reduction, e.g., generating 15-bit color (5 bits/primary) from JPEG's 24-bit output. Not quite clear yet how this should be handled... should we merge it with colorspace conversion???

Note that some high-speed operating modes might condense the entire postprocessing sequence to a single module (upsample, color convert, and quantize in one step).

In addition to the above objects, the decompression library includes these objects:

* Master control: determines the number of passes required, controls overall and per-pass initialization of the other modules. This is subdivided into input and output control: jdinput.c controls only input-side processing, while jdmaster.c handles overall initialization and output-side control.

* Marker reading: decodes JPEG markers (except for RSTn).

* Data source manager: supplies the input JPEG datastream. The source
manager supplied with the library knows how to read from a stdio stream or from a memory buffer; for other behaviors, the surrounding application may provide its own source manager.

* Memory manager: same as for compression library.

* Error handler: same as for compression library.

* Progress monitor: same as for compression library.

As with compression, the data source manager, error handler, and progress monitor are candidates for replacement by a surrounding application.

*** Decompression input and output separation ***

To support efficient incremental display of progressive JPEG files, the decompressor is divided into two sections that can run independently:

1. Data input includes marker parsing, entropy decoding, and input into the coefficient controller's DCT coefficient buffer. Note that this processing is relatively cheap and fast.

2. Data output reads from the DCT coefficient buffer and performs the IDCT and all postprocessing steps.

For a progressive JPEG file, the data input processing is allowed to get arbitrarily far ahead of the data output processing. (This occurs only if the application calls jpeg_consume_input(); otherwise input and output run in lockstep, since the input section is called only when the output section needs more data.) In this way the application can avoid making extra display passes when data is arriving faster than the display pass can run. Furthermore, it is possible to abort an output pass without losing anything, since the coefficient buffer is read-only as far as the output section is concerned. See libjpeg.txt for more detail.

A full-image coefficient array is only created if the JPEG file has multiple scans (or if the application specifies buffered-image mode anyway). When reading a single-scan file, the coefficient controller normally creates only a one-MCU buffer, so input and output processing must run in lockstep in this case. jpeg_consume_input() is effectively a no-op in this situation.

The main impact of dividing the decompressor in this fashion is that we must be very careful with shared variables in the cinfo data structure. Each variable that can change during the course of decompression must be classified as belonging to data input or data output, and each section must look only at its own variables. For example, the data output section may not depend on any of the variables that describe the current scan in the JPEG
file, because these may change as the data input section advances into a new scan.

The progress monitor is (somewhat arbitrarily) defined to treat input of the file as one pass when buffered-image mode is not used, and to ignore data input work completely when buffered-image mode is used. Note that the library has no reliable way to predict the number of passes when dealing with a progressive JPEG file, nor can it predict the number of output passes in buffered-image mode. So the work estimate is inherently bogus anyway.

No comparable division is currently made in the compression library, because there isn't any real need for it.

*** Data formats ***

Arrays of pixel sample values use the following data structure:

```c
typedef something JSAMPLE;  // a pixel component value, 0..MAXJSAMPLE
typedef JSAMPLE *JSAMPROW;  // ptr to a row of samples
typedef JSAMPROW *JSAMPARRAY;  // ptr to a list of rows
typedef JSAMPARRAY *JSAMPIMAGE;  // ptr to a list of color-component arrays
```

The basic element type JSAMPLE will typically be one of unsigned char, (signed) char, or short. Short will be used if samples wider than 8 bits are to be supported (this is a compile-time option). Otherwise, unsigned char is used if possible. If the compiler only supports signed chars, then it is necessary to mask off the value when reading. Thus, all reads of JSAMPLE values must be coded as "GETJSAMPLE(value)", where the macro will be defined as "((value) & 0xFF)" on signed-char machines and "((int) (value))" elsewhere.

With these conventions, JSAMPLE values can be assumed to be >= 0. This helps simplify correct rounding during downsampling, etc. The JPEG standard's specification that sample values run from -128..127 is accommodated by subtracting 128 from the sample value in the DCT step. Similarly, during decompression the output of the IDCT step will be immediately shifted back to 0..255. (NB: different values are required when 12-bit samples are in use. The code is written in terms of MAXJSAMPLE and CENTERJSAMPLE, which will be defined as 255 and 128 respectively in an 8-bit implementation, and as 4095 and 2048 in a 12-bit implementation.)

We use a pointer per row, rather than a two-dimensional JSAMPLE array. This choice costs only a small amount of memory and has several benefits:

* Code using the data structure doesn't need to know the allocated width of the rows. This simplifies edge expansion/compression, since we can work in an array that's wider than the logical picture width.
* Indexing doesn't require multiplication; this is a performance win on many machines.
* Arrays with more than 64K total elements can be supported even on machines
where malloc() cannot allocate chunks larger than 64K.
* The rows forming a component array may be allocated at different times
without extra copying. This trick allows some speedups in smoothing steps
that need access to the previous and next rows.

Note that each color component is stored in a separate array; we don't use the
traditional layout in which the components of a pixel are stored together.
This simplifies coding of modules that work on each component independently,
because they don't need to know how many components there are. Furthermore,
we can read or write each component to a temporary file independently, which
is helpful when dealing with noninterleaved JPEG files.

In general, a specific sample value is accessed by code such as
GETJSAMPLE(image[colorcomponent][row][col])
where col is measured from the image left edge, but row is measured from the
first sample row currently in memory. Either of the first two indexings can
be precomputed by copying the relevant pointer.

Since most image-processing applications prefer to work on images in which
the components of a pixel are stored together, the data passed to or from the
surrounding application uses the traditional convention: a single pixel is
represented by N consecutive JSAMPLE values, and an image row is an array of
(# of color components)*(image width) JSAMPLEs. One or more rows of data can
be represented by a pointer of type JSAMPARRAY in this scheme. This scheme is
converted to component-wise storage inside the JPEG library. (Applications
that want to skip JPEG preprocessing or postprocessing will have to contend
with component-wise storage.)

Arrays of DCT-coefficient values use the following data structure:

typedef short JCOEF; a 16-bit signed integer
typedef JCOEF JBLOCK[DCTSIZE2]; an 8x8 block of coefficients
typedef JBLOCK *JBLOCKROW; ptr to one horizontal row of 8x8 blocks
typedef JBLOCKROW *JBLOCKARRAY; ptr to a list of such rows
typedef JBLOCKARRAY *JBLOCKIMAGE; ptr to a list of color component arrays

The underlying type is at least a 16-bit signed integer; while "short" is big
enough on all machines of interest, on some machines it is preferable to use
"int" for speed reasons, despite the storage cost. Coefficients are grouped
into 8x8 blocks (but we always use #defines DCTSIZE and DCTSIZE2 rather than
"8" and "64").

The contents of a coefficient block may be in either "natural" or zigzagged
order, and may be true values or divided by the quantization coefficients,
depending on where the block is in the processing pipeline. In the current
library, coefficient blocks are kept in natural order everywhere; the entropy codecs zigzag or dezigzag the data as it is written or read. The blocks contain quantized coefficients everywhere outside the DCT/IDCT subsystems. (This latter decision may need to be revisited to support variable quantization a la JPEG Part 3.)

Notice that the allocation unit is now a row of 8x8 coefficient blocks, corresponding to block_size rows of samples. Otherwise the structure is much the same as for samples, and for the same reasons.

On machines where malloc() can't handle a request bigger than 64Kb, this data structure limits us to rows of less than 512 JBLOCKs, or a picture width of 4000+ pixels. This seems an acceptable restriction.

On 80x86 machines, the bottom-level pointer types (JSAMPROW and JBLOCKROW) must be declared as "far" pointers, but the upper levels can be "near" (implying that the pointer lists are allocated in the DS segment). We use a #define symbol FAR, which expands to the "far" keyword when compiling on 80x86 machines and to nothing elsewhere.

*** Suspendable processing ***

In some applications it is desirable to use the JPEG library as an incremental, memory-to-memory filter. In this situation the data source or destination may be a limited-size buffer, and we can't rely on being able to empty or refill the buffer at arbitrary times. Instead the application would like to have control return from the library at buffer overflow/underrun, and then resume compression or decompression at a later time.

This scenario is supported for simple cases. (For anything more complex, we recommend that the application "bite the bullet" and develop real multitasking capability.) The libjpeg.txt file goes into more detail about the usage and limitations of this capability; here we address the implications for library structure.

The essence of the problem is that the entropy codec (coder or decoder) must be prepared to stop at arbitrary times. In turn, the controllers that call the entropy codec must be able to stop before having produced or consumed all the data that they normally would handle in one call. That part is reasonably straightforward: we make the controller call interfaces include "progress counters" which indicate the number of data chunks successfully processed, and we require callers to test the counter rather than just assume all of the data was processed.

Rather than trying to restart at an arbitrary point, the current Huffman codecs are designed to restart at the beginning of the current MCU after a
suspension due to buffer overflow/underrun. At the start of each call, the codec's internal state is loaded from permanent storage (in the JPEG object structures) into local variables. On successful completion of the MCU, the permanent state is updated. (This copying is not very expensive, and may even lead to *improved* performance if the local variables can be registerized.) If a suspension occurs, the codec simply returns without updating the state, thus effectively reverting to the start of the MCU. Note that this implies leaving some data unprocessed in the source/destination buffer (ie, the compressed partial MCU). The data source/destination module interfaces are specified so as to make this possible. This also implies that the data buffer must be large enough to hold a worst-case compressed MCU; a couple thousand bytes should be enough.

In a successive-approximation AC refinement scan, the progressive Huffman decoder has to be able to undo assignments of newly nonzero coefficients if it suspends before the MCU is complete, since decoding requires distinguishing previously-zero and previously-nonzero coefficients. This is a bit tedious but probably won't have much effect on performance. Other variants of Huffman decoding need not worry about this, since they will just store the same values again if forced to repeat the MCU.

This approach would probably not work for an arithmetic codec, since its modifiable state is quite large and couldn't be copied cheaply. Instead it would have to suspend and resume exactly at the point of the buffer end.

The JPEG marker reader is designed to cope with suspension at an arbitrary point. It does so by backing up to the start of the marker parameter segment, so the data buffer must be big enough to hold the largest marker of interest. Again, a couple KB should be adequate. (A special "skip" convention is used to bypass COM and APPn markers, so these can be larger than the buffer size without causing problems; otherwise a 64K buffer would be needed in the worst case.)

The JPEG marker writer currently does *not* cope with suspension. We feel that this is not necessary; it is much easier simply to require the application to ensure there is enough buffer space before starting. (An empty 2K buffer is more than sufficient for the header markers; and ensuring there are a dozen or two bytes available before calling jpeg_finish_compress() will suffice for the trailer.) This would not work for writing multi-scan JPEG files, but we simply do not intend to support that capability with suspension.

*** Memory manager services ***

The JPEG library's memory manager controls allocation and deallocation of memory, and it manages large "virtual" data arrays on machines where the operating system does not provide virtual memory. Note that the same
memory manager serves both compression and decompression operations.

In all cases, allocated objects are tied to a particular compression or decompression master record, and they will be released when that master record is destroyed.

The memory manager does not provide explicit deallocation of objects. Instead, objects are created in "pools" of free storage, and a whole pool can be freed at once. This approach helps prevent storage-leak bugs, and it speeds up operations whenever malloc/free are slow (as they often are). The pools can be regarded as lifetime identifiers for objects. Two pools/lifetimes are defined:

- JPOOL_PERMANENT lasts until master record is destroyed
- JPOOL_IMAGE lasts until done with image (JPEG datastream)

Permanent lifetime is used for parameters and tables that should be carried across from one datastream to another; this includes all application-visible parameters. Image lifetime is used for everything else. (A third lifetime, JPOOL_PASS = one processing pass, was originally planned. However it was dropped as not being worthwhile. The actual usage patterns are such that the peak memory usage would be about the same anyway; and having per-pass storage substantially complicates the virtual memory allocation rules --- see below.)

The memory manager deals with three kinds of object:
1. "Small" objects. Typically these require no more than 10K-20K total.
2. "Large" objects. These may require tens to hundreds of K depending on image size. Semantically they behave the same as small objects, but we distinguish them for two reasons:
   * On MS-DOS machines, large objects are referenced by FAR pointers, small objects by NEAR pointers.
   * Pool allocation heuristics may differ for large and small objects.
   Note that individual "large" objects cannot exceed the size allowed by type size_t, which may be 64K or less on some machines.
3. "Virtual" objects. These are large 2-D arrays of JSAMPLEs or JBLOCKs (typically large enough for the entire image being processed). The memory manager provides stripwise access to these arrays. On machines without virtual memory, the rest of the array may be swapped out to a temporary file.

(Note: JSAMPARRAY and JBLOCKARRAY data structures are a combination of large objects for the data proper and small objects for the row pointers. For convenience and speed, the memory manager provides single routines to create these structures. Similarly, virtual arrays include a small control block and a JSAMPARRAY or JBLOCKARRAY working buffer, all created with one call.)

In the present implementation, virtual arrays are only permitted to have image lifespan. (Permanent lifespan would not be reasonable, and pass lifespan is not very useful since a virtual array's raison d'etre is to store data for multiple passes through the image.) We also expect that only "small" objects
will be given permanent lifespan, though this restriction is not required by the memory manager.

In a non-virtual-memory machine, some performance benefit can be gained by making the in-memory buffers for virtual arrays be as large as possible. (For small images, the buffers might fit entirely in memory, so blind swapping would be very wasteful.) The memory manager will adjust the height of the buffers to fit within a prespecified maximum memory usage. In order to do this in a reasonably optimal fashion, the manager needs to allocate all of the virtual arrays at once. Therefore, there isn't a one-step allocation routine for virtual arrays; instead, there is a "request" routine that simply allocates the control block, and a "realize" routine (called just once) that determines space allocation and creates all of the actual buffers. The realize routine must allow for space occupied by non-virtual large objects. (We don't bother to factor in the space needed for small objects, on the grounds that it isn't worth the trouble.)

To support all this, we establish the following protocol for doing business with the memory manager:

1. Modules must request virtual arrays (which may have only image lifespan) during the initial setup phase, i.e., in their jinit_xxx routines.
2. All "large" objects (including JSAMPARRAYs and JBLOCKARRAYs) must also be allocated during initial setup.
3. realize_virt_arrays will be called at the completion of initial setup.

The above conventions ensure that sufficient information is available for it to choose a good size for virtual array buffers. Small objects of any lifespan may be allocated at any time. We expect that the total space used for small objects will be small enough to be negligible in the realize_virt_arrays computation.

In a virtual-memory machine, we simply pretend that the available space is infinite, thus causing realize_virt_arrays to decide that it can allocate all the virtual arrays as full-size in-memory buffers. The overhead of the virtual-array access protocol is very small when no swapping occurs.

A virtual array can be specified to be "pre-zeroed"; when this flag is set, never-yet-written sections of the array are set to zero before being made available to the caller. If this flag is not set, never-written sections of the array contain garbage. (This feature exists primarily because the equivalent logic would otherwise be needed in jdcoefct.c for progressive JPEG mode; we may as well make it available for possible other uses.)

The first write pass on a virtual array is required to occur in top-to-bottom order; read passes, as well as any write passes after the first one, may access the array in any order. This restriction exists partly to simplify the virtual array control logic, and partly because some file systems may not support seeking beyond the current end-of-file in a temporary file. The main implication of this restriction is that rearrangement of rows (such as
converting top-to-bottom data order to bottom-to-top) must be handled while reading data out of the virtual array, not while putting it in.

*** Memory manager internal structure ***

To isolate system dependencies as much as possible, we have broken the memory manager into two parts. There is a reasonably system-independent "front end" (jmemmgr.c) and a "back end" that contains only the code likely to change across systems. All of the memory management methods outlined above are implemented by the front end. The back end provides the following routines for use by the front end (none of these routines are known to the rest of the JPEG code):

- `jpeg_mem_init`, `jpeg_mem_term`: system-dependent initialization/shutdown
- `jpeg_get_small`, `jpeg_free_small`: interface to malloc and free library routines (or their equivalents)
- `jpeg_get_large`, `jpeg_free_large`: interface to FAR malloc/free in MSDOS machines; else usually the same as `jpeg_get_small/jpeg_free_small`
- `jpeg_mem_available`: estimate available memory
- `jpeg_open_backing_store`: create a backing-store object
- `read_backing_store`, `write_backing_store`, `close_backing_store`

On some systems there will be more than one type of backing-store object (specifically, in MS-DOS a backing store file might be an area of extended memory as well as a disk file). `jpeg_open_backing_store` is responsible for choosing how to implement a given object. The read/write/close routines are method pointers in the structure that describes a given object; this lets them be different for different object types.

It may be necessary to ensure that backing store objects are explicitly released upon abnormal program termination. For example, MS-DOS won't free extended memory by itself. To support this, we will expect the main program or surrounding application to arrange to call `self_destruct` (typically via `jpeg_destroy`) upon abnormal termination. This may require a SIGINT signal handler or equivalent. We don't want to have the back end module install its own signal handler, because that would pre-empt the surrounding application's ability to control signal handling.

The IJG distribution includes several memory manager back end implementations.
Usually the same back end should be suitable for all applications on a given system, but it is possible for an application to supply its own back end at need.

*** Implications of DNL marker ***

Some JPEG files may use a DNL marker to postpone definition of the image height (this would be useful for a fax-like scanner's output, for instance). In these files the SOF marker claims the image height is 0, and you only find out the true image height at the end of the first scan.

We could read these files as follows:
1. Upon seeing zero image height, replace it by 65535 (the maximum allowed).
2. When the DNL is found, update the image height in the global image descriptor.
This implies that control modules must avoid making copies of the image height, and must re-test for termination after each MCU row. This would be easy enough to do.

In cases where image-size data structures are allocated, this approach will result in very inefficient use of virtual memory or much-larger-than-necessary temporary files. This seems acceptable for something that probably won't be a mainstream usage. People might have to forgo use of memory-hogging options (such as two-pass color quantization or noninterleaved JPEG files) if they want efficient conversion of such files. (One could improve efficiency by demanding a user-supplied upper bound for the height, less than 65536; in most cases it could be much less.)

The standard also permits the SOF marker to overestimate the image height, with a DNL to give the true, smaller height at the end of the first scan. This would solve the space problems if the overestimate wasn't too great. However, it implies that you don't even know whether DNL will be used.

This leads to a couple of very serious objections:
1. Testing for a DNL marker must occur in the inner loop of the decompressor's Huffman decoder; this implies a speed penalty whether the feature is used or not.
2. There is no way to hide the last-minute change in image height from an application using the decoder. Thus *every* application using the IJG library would suffer a complexity penalty whether it cared about DNL or not.

We currently do not support DNL because of these problems.

A different approach is to insist that DNL-using files be preprocessed by a separate program that reads ahead to the DNL, then goes back and fixes the SOF marker. This is a much simpler solution and is probably far more efficient. Even if one wants piped input, buffering the first scan of the JPEG file needs
a lot smaller temp file than is implied by the maximum-height method. For
this approach we'd simply treat DNL as a no-op in the decompressor (at most,
check that it matches the SOF image height).

We will not worry about making the compressor capable of outputting DNL.
Something similar to the first scheme above could be applied if anyone ever
wants to make that work.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-o-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/structure.txt
No license file was found, but licenses were detected in source scan.

USING THE IJG JPEG LIBRARY

Copyright (C) 1994-2013, Thomas G. Lane, Guido Vollbeding.
This file is part of the Independent JPEG Group's software.
For conditions of distribution and use, see the accompanying README file.

This file describes how to use the IJG JPEG library within an application
program. Read it if you want to write a program that uses the library.

The file example.c provides heavily commented skeleton code for calling the
JPEG library. Also see jpeglib.h (the include file to be used by application
programs) for full details about data structures and function parameter lists.
The library source code, of course, is the ultimate reference.

Note that there have been *major* changes from the application interface
presented by IJG version 4 and earlier versions. The old design had several
inherent limitations, and it had accumulated a lot of cruft as we added
features while trying to minimize application-interface changes. We have
sacrificed backward compatibility in the version 5 rewrite, but we think the
improvements justify this.

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**OVERVIEW**

Functions provided by the library

The IJG JPEG library provides C code to read and write JPEG-compressed image files. The surrounding application program receives or supplies image data a scanline at a time, using a straightforward uncompressed image format. All details of color conversion and other preprocessing/postprocessing can be handled by the library.

The library includes a substantial amount of code that is not covered by the JPEG standard but is necessary for typical applications of JPEG. These functions preprocess the image before JPEG compression or postprocess it after decompression. They include colorspace conversion, downsampling/upsampling, and color quantization. The application indirectly selects use of this code by specifying the format in which it wishes to supply or receive image data. For example, if colormapped output is requested, then the decompression library automatically invokes color quantization.

A wide range of quality vs. speed tradeoffs are possible in JPEG processing, and even more so in decompression postprocessing. The decompression library provides multiple implementations that cover most of the useful tradeoffs,
ranging from very-high-quality down to fast-preview operation. On the
compression side we have generally not provided low-quality choices, since
compression is normally less time-critical. It should be understood that the
low-quality modes may not meet the JPEG standard's accuracy requirements;
nonetheless, they are useful for viewers.

A word about functions *not* provided by the library. We handle a subset
of the ISO JPEG standard; most baseline, extended-sequential, and progressive
JPEG processes are supported. (Our subset includes all features now in common
use.) Unsupported ISO options include:
* Hierarchical storage
* Lossless JPEG
* DNL marker
* Nonintegral subsampling ratios
We support 8-bit to 12-bit data precision, but this is a compile-time choice
rather than a run-time choice; hence it is difficult to use different
precisions in a single application.

By itself, the library handles only interchange JPEG datastreams --- in
particular the widely used JFIF file format. The library can be used by
surrounding code to process interchange or abbreviated JPEG datastreams that
are embedded in more complex file formats. (For example, this library is
used by the free LIBTIFF library to support JPEG compression in TIFF.)

Outline of typical usage
------------------------

The rough outline of a JPEG compression operation is:

Allocate and initialize a JPEG compression object
Specify the destination for the compressed data (e.g., a file)
Set parameters for compression, including image size & colorspace
jpeg_start_compress(...);
while (scan lines remain to be written)
  jpeg_write_scanlines(...);
  jpeg_finish_compress(...);
Release the JPEG compression object

A JPEG compression object holds parameters and working state for the JPEG
library. We make creation/destruction of the object separate from starting
or finishing compression of an image; the same object can be re-used for a
series of image compression operations. This makes it easy to re-use the
same parameter settings for a sequence of images. Re-use of a JPEG object
also has important implications for processing abbreviated JPEG datastreams,
as discussed later.

The image data to be compressed is supplied to jpeg_write_scanlines() from
in-memory buffers. If the application is doing file-to-file compression, reading image data from the source file is the application's responsibility. The library emits compressed data by calling a "data destination manager", which typically will write the data into a file; but the application can provide its own destination manager to do something else.

Similarly, the rough outline of a JPEG decompression operation is:

Allocate and initialize a JPEG decompression object
Specify the source of the compressed data (eg, a file)
Call jpeg_read_header() to obtain image info
Set parameters for decompression
jpeg_start_decompress(...);
while (scan lines remain to be read)
jpeg_read_scanlines(...);
jpeg_finish_decompress(...);
Release the JPEG decompression object

This is comparable to the compression outline except that reading the datastream header is a separate step. This is helpful because information about the image's size, colorspace, etc is available when the application selects decompression parameters. For example, the application can choose an output scaling ratio that will fit the image into the available screen size.

The decompression library obtains compressed data by calling a data source manager, which typically will read the data from a file; but other behaviors can be obtained with a custom source manager. Decompressed data is delivered into in-memory buffers passed to jpeg_read_scanlines().

It is possible to abort an incomplete compression or decompression operation by calling jpeg_abort(); or, if you do not need to retain the JPEG object, simply release it by calling jpeg_destroy().

JPEG compression and decompression objects are two separate struct types. However, they share some common fields, and certain routines such as jpeg_destroy() can work on either type of object.

The JPEG library has no static variables: all state is in the compression or decompression object. Therefore it is possible to process multiple compression and decompression operations concurrently, using multiple JPEG objects.

Both compression and decompression can be done in an incremental memory-to-memory fashion, if suitable source/destination managers are used. See the section on "I/O suspension" for more details.

BASIC LIBRARY USAGE
Data formats
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Before diving into procedural details, it is helpful to understand the image data format that the JPEG library expects or returns.

The standard input image format is a rectangular array of pixels, with each pixel having the same number of "component" or "sample" values (color channels). You must specify how many components there are and the colorspace interpretation of the components. Most applications will use RGB data (three components per pixel) or grayscale data (one component per pixel). PLEASE NOTE THAT RGB DATA IS THREE SAMPLES PER PIXEL, GRAYSCALE ONLY ONE. A remarkable number of people manage to miss this, only to find that their programs don't work with grayscale JPEG files.

There is no provision for colormapped input. JPEG files are always full-color or full grayscale (or sometimes another colorspace such as CMYK). You can feed in a colormapped image by expanding it to full-color format. However JPEG often doesn't work very well with source data that has been colormapped, because of dithering noise. This is discussed in more detail in the JPEG FAQ and the other references mentioned in the README file.

Pixels are stored by scanlines, with each scanline running from left to right. The component values for each pixel are adjacent in the row; for example, R,G,B,R,G,B,R,G,... for 24-bit RGB color. Each scanline is an array of data type JSAMPLE --- which is typically "unsigned char", unless you've changed jmorecfg.h. (You can also change the RGB pixel layout, say to B,G,R order, by modifying jmorecfg.h. But see the restrictions listed in that file before doing so.)

A 2-D array of pixels is formed by making a list of pointers to the starts of scanlines; so the scanlines need not be physically adjacent in memory. Even if you process just one scanline at a time, you must make a one-element pointer array to conform to this structure. Pointers to JSAMPLE rows are of type JSAMPROW, and the pointer to the pointer array is of type JSAMPARRAY.

The library accepts or supplies one or more complete scanlines per call. It is not possible to process part of a row at a time. Scanlines are always processed top-to-bottom. You can process an entire image in one call if you have it all in memory, but usually it's simplest to process one scanline at a time.

For best results, source data values should have the precision specified by BITS_IN_JSAMPLE (normally 8 bits). For instance, if you choose to compress data that's only 6 bits/channel, you should left-justify each value in a byte before passing it to the compressor. If you need to compress data
that has more than 8 bits/channel, compile with BITS_IN_JSAMPLE = 9 to 12.
(See "Library compile-time options", later.)

The data format returned by the decompressor is the same in all details,
except that colormapped output is supported. (Again, a JPEG file is never
colormapped. But you can ask the decompressor to perform on-the-fly color
quantization to deliver colormapped output.) If you request colormapped
output then the returned data array contains a single JSAMPLE per pixel;
its value is an index into a color map. The color map is represented as
a 2-D JSAMPARRAY in which each row holds the values of one color component,
that is, colormap[i][j] is the value of the i'th color component for pixel
value (map index) j. Note that since the colormap indexes are stored in
JSAMPLEs, the maximum number of colors is limited by the size of JSAMPLE
(ie, at most 256 colors for an 8-bit JPEG library).

Compression details
---------------------

Here we revisit the JPEG compression outline given in the overview.

1. Allocate and initialize a JPEG compression object.

A JPEG compression object is a "struct jpeg_compress_struct". (It also has
a bunch of subsidiary structures which are allocated via malloc(), but the
application doesn't control those directly.) This struct can be just a local
variable in the calling routine, if a single routine is going to execute the
whole JPEG compression sequence. Otherwise it can be static or allocated
from malloc().

You will also need a structure representing a JPEG error handler. The part
of this that the library cares about is a "struct jpeg_error_mgr". If you
are providing your own error handler, you'll typically want to embed the
jpeg_error_mgr struct in a larger structure; this is discussed later under
"Error handling". For now we'll assume you are just using the default error
handler. The default error handler will print JPEG error/warning messages
on stderr, and it will call exit() if a fatal error occurs.

You must initialize the error handler structure, store a pointer to it into
the JPEG object's "err" field, and then call jpeg_create_compress() to
initialize the rest of the JPEG object.

Typical code for this step, if you are using the default error handler, is

    struct jpeg_compress_struct cinfo;
    struct jpeg_error_mgr jerr;
    ...

cinfo.err = jpeg_std_error(&jerr);
jpeg_create_compress(&cinfo);

jpeg_create_compress allocates a small amount of memory, so it could fail if you are out of memory. In that case it will exit via the error handler; that's why the error handler must be initialized first.

2. Specify the destination for the compressed data (e.g., a file).

As previously mentioned, the JPEG library delivers compressed data to a "data destination" module. The library includes one data destination module which knows how to write to a stdio stream. You can use your own destination module if you want to do something else, as discussed later.

If you use the standard destination module, you must open the target stdio stream beforehand. Typical code for this step looks like:

```c
FILE * outfile;
...
if ((outfile = fopen(filename, "wb")) == NULL) {
    fprintf(stderr, "can't open %s\n", filename);
    exit(1);
}
jpeg_stdio_dest(&cinfo, outfile);
```

where the last line invokes the standard destination module.

**WARNING:** it is critical that the binary compressed data be delivered to the output file unchanged. On non-Unix systems the stdio library may perform newline translation or otherwise corrupt binary data. To suppress this behavior, you may need to use a "b" option to fopen (as shown above), or use setmode() or another routine to put the stdio stream in binary mode. See cjpeg.c and djpeg.c for code that has been found to work on many systems.

You can select the data destination after setting other parameters (step 3), if that's more convenient. You may not change the destination between calling jpeg_start_compress() and jpeg_finish_compress().

3. Set parameters for compression, including image size & colorspace.

You must supply information about the source image by setting the following fields in the JPEG object (cinfo structure):

- `image_width`: Width of image, in pixels
- `image_height`: Height of image, in pixels
- `input_components`: Number of color channels (samples per pixel)
in_color_space: Color space of source image

The image dimensions are, hopefully, obvious. JPEG supports image dimensions of 1 to 64K pixels in either direction. The input color space is typically RGB or grayscale, and input_components is 3 or 1 accordingly. (See "Special color spaces", later, for more info.) The in_color_space field must be assigned one of the J_COLOR_SPACE enum constants, typically JCS_RGB or JCS_GRAYSCALE.

JPEG has a large number of compression parameters that determine how the image is encoded. Most applications don't need or want to know about all these parameters. You can set all the parameters to reasonable defaults by calling jpeg_set_defaults(); then, if there are particular values you want to change, you can do so after that. The "Compression parameter selection" section tells about all the parameters.

You must set in_color_space correctly before calling jpeg_set_defaults(), because the defaults depend on the source image colorspace. However the other three source image parameters need not be valid until you call jpeg_start_compress(). There's no harm in calling jpeg_set_defaults() more than once, if that happens to be convenient.

Typical code for a 24-bit RGB source image is

```c
  cinfo.image_width = Width; /* image width and height, in pixels */
  cinfo.image_height = Height;
  cinfo.input_components = 3; /* # of color components per pixel */
  cinfo.in_color_space = JCS_RGB; /* colorspace of input image */
  jpeg_set_defaults(&cinfo);
  /* Make optional parameter settings here */
```

4. jpeg_start_compress(...);

After you have established the data destination and set all the necessary source image info and other parameters, call jpeg_start_compress() to begin a compression cycle. This will initialize internal state, allocate working storage, and emit the first few bytes of the JPEG datastream header.

Typical code:

```c
  jpeg_start_compress(&cinfo, TRUE);
```

The "TRUE" parameter ensures that a complete JPEG interchange datastream will be written. This is appropriate in most cases. If you think you might want to use an abbreviated datastream, read the section on abbreviated datastreams, below.
Once you have called jpeg_start_compress(), you may not alter any JPEG parameters or other fields of the JPEG object until you have completed the compression cycle.

5. while (scan lines remain to be written)
   jpeg_write_scanlines(...);

Now write all the required image data by calling jpeg_write_scanlines() one or more times. You can pass one or more scanlines in each call, up to the total image height. In most applications it is convenient to pass just one or a few scanlines at a time. The expected format for the passed data is discussed under "Data formats", above.

Image data should be written in top-to-bottom scanline order. The JPEG spec contains some weasel wording about how top and bottom are application-defined terms (a curious interpretation of the English language...) but if you want your files to be compatible with everyone else's, you WILL use top-to-bottom order. If the source data must be read in bottom-to-top order, you can use the JPEG library's virtual array mechanism to invert the data efficiently. Examples of this can be found in the sample application cjjpeg.

The library maintains a count of the number of scanlines written so far in the next_scanline field of the JPEG object. Usually you can just use this variable as the loop counter, so that the loop test looks like "while (cinfo.next_scanline < cinfo.image_height)".

Code for this step depends heavily on the way that you store the source data. example.c shows the following code for the case of a full-size 2-D source array containing 3-byte RGB pixels:

```c
JSAMPROW row_pointer[1]; /* pointer to a single row */
int row_stride; /* physical row width in buffer */
row_stride = image_width * 3; /* JSAMPLEs per row in image_buffer */

while (cinfo.next_scanline < cinfo.image_height) {
   row_pointer[0] = & image_buffer[cinfo.next_scanline * row_stride];
   jpeg_write_scanlines(&cinfo, row_pointer, 1);
}
```

jpeg_write_scanlines() returns the number of scanlines actually written. This will normally be equal to the number passed in, so you can usually ignore the return value. It is different in just two cases:
* If you try to write more scanlines than the declared image height, the additional scanlines are ignored.
* If you use a suspending data destination manager, output buffer overrun
will cause the compressor to return before accepting all the passed lines. This feature is discussed under "I/O suspension", below. The normal stdio destination manager will NOT cause this to happen. In any case, the return value is the same as the change in the value of next_scanline.

6. jpeg_finish_compress(...);

After all the image data has been written, call jpeg_finish_compress() to complete the compression cycle. This step is ESSENTIAL to ensure that the last bufferload of data is written to the data destination. jpeg_finish_compress() also releases working memory associated with the JPEG object.

Typical code:

jpeg_finish_compress(&cinfo);

If using the stdio destination manager, don't forget to close the output stdio stream (if necessary) afterwards.

If you have requested a multi-pass operating mode, such as Huffman code optimization, jpeg_finish_compress() will perform the additional passes using data buffered by the first pass. In this case jpeg_finish_compress() may take quite a while to complete. With the default compression parameters, this will not happen.

It is an error to call jpeg_finish_compress() before writing the necessary total number of scanlines. If you wish to abort compression, call jpeg_abort() as discussed below.

After completing a compression cycle, you may dispose of the JPEG object as discussed next, or you may use it to compress another image. In that case return to step 2, 3, or 4 as appropriate. If you do not change the destination manager, the new datastream will be written to the same target. If you do not change any JPEG parameters, the new datastream will be written with the same parameters as before. Note that you can change the input image dimensions freely between cycles, but if you change the input colorspace, you should call jpeg_set_defaults() to adjust for the new colorspace; and then you'll need to repeat all of step 3.

7. Release the JPEG compression object.

When you are done with a JPEG compression object, destroy it by calling jpeg_destroy_compress(). This will free all subsidiary memory (regardless of the previous state of the object). Or you can call jpeg_destroy(), which
works for either compression or decompression objects --- this may be more
convenient if you are sharing code between compression and decompression
cases. (Actually, these routines are equivalent except for the declared type
of the passed pointer. To avoid gripes from ANSI C compilers, jpeg_destroy()
should be passed a j_common_ptr.)

If you allocated the jpeg_compress_struct structure from malloc(), freeing
it is your responsibility --- jpeg_destroy() won't. Ditto for the error
handler structure.

Typical code:

jpeg_destroy_compress(&cinfo);

8. Aborting.

If you decide to abort a compression cycle before finishing, you can clean up
in either of two ways:

* If you don't need the JPEG object any more, just call
jpeg_destroy_compress() or jpeg_destroy() to release memory. This is
legitimate at any point after calling jpeg_create_compress() --- in fact,
it's safe even if jpeg_create_compress() fails.

* If you want to re-use the JPEG object, call jpeg_abort_compress(), or call
jpeg_abort() which works on both compression and decompression objects.
This will return the object to an idle state, releasing any working memory.
jpeg_abort() is allowed at any time after successful object creation.

Note that cleaning up the data destination, if required, is your
responsibility; neither of these routines will call term_destination().
(See "Compressed data handling", below, for more about that.)

jpeg_destroy() and jpeg_abort() are the only safe calls to make on a JPEG
object that has reported an error by calling error_exit (see "Error handling"
for more info). The internal state of such an object is likely to be out of
whack. Either of these two routines will return the object to a known state.

Decompression details
----------------------

Here we revisit the JPEG decompression outline given in the overview.

1. Allocate and initialize a JPEG decompression object.

This is just like initialization for compression, as discussed above,
except that the object is a "struct jpeg_decompress_struct" and you
call jpeg_create_decompress(). Error handling is exactly the same.

Typical code:

```
struct jpeg_decompress_struct cinfo;
struct jpeg_error_mgr jerr;
...
cinfo.err = jpeg_std_error(&jerr);
jpeg_create_decompress(&cinfo);
```

(Both here and in the IJG code, we usually use variable name "cinfo" for
both compression and decompression objects.)

2. Specify the source of the compressed data (e.g., a file).

As previously mentioned, the JPEG library reads compressed data from a "data
source" module. The library includes one data source module which knows how
to read from a stdio stream. You can use your own source module if you want
to do something else, as discussed later.

If you use the standard source module, you must open the source stdio stream
beforehand. Typical code for this step looks like:

```
FILE *infile;
...
if ((infile = fopen(filename, "rb")) == NULL) {
    fprintf(stderr, "can't open %s\n", filename);
    exit(1);
}
jpeg_stdio_src(&cinfo, infile);
```

where the last line invokes the standard source module.

WARNING: it is critical that the binary compressed data be read unchanged.
On non-Unix systems the stdio library may perform newline translation or
otherwise corrupt binary data. To suppress this behavior, you may need to use
a "b" option to fopen (as shown above), or use setmode() or another routine to
put the stdio stream in binary mode. See cjpeg.c and djpeg.c for code that
has been found to work on many systems.

You may not change the data source between calling jpeg_read_header() and
jpeg_finish_decompress(). If you wish to read a series of JPEG images from
a single source file, you should repeat the jpeg_read_header() to
jpeg_finish_decompress() sequence without reinitializing either the JPEG
object or the data source module; this prevents buffered input data from
being discarded.
3. Call jpeg_read_header() to obtain image info.

Typical code for this step is just

jpeg_read_header(&cinfo, TRUE);

This will read the source datastream header markers, up to the beginning of the compressed data proper. On return, the image dimensions and other info have been stored in the JPEG object. The application may wish to consult this information before selecting decompression parameters.

More complex code is necessary if
* A suspending data source is used --- in that case jpeg_read_header() may return before it has read all the header data. See "I/O suspension", below. The normal stdio source manager will NOT cause this to happen.
* Abbreviated JPEG files are to be processed --- see the section on abbreviated datastreams. Standard applications that deal only in interchange JPEG files need not be concerned with this case either.

It is permissible to stop at this point if you just wanted to find out the image dimensions and other header info for a JPEG file. In that case, call jpeg_destroy() when you are done with the JPEG object, or call jpeg_abort() to return it to an idle state before selecting a new data source and reading another header.

4. Set parameters for decompression.

jpeg_read_header() sets appropriate default decompression parameters based on the properties of the image (in particular, its colorspace). However, you may well want to alter these defaults before beginning the decompression. For example, the default is to produce full color output from a color file. If you want colormapped output you must ask for it. Other options allow the returned image to be scaled and allow various speed/quality tradeoffs to be selected. "Decompression parameter selection", below, gives details.

If the defaults are appropriate, nothing need be done at this step.

Note that all default values are set by each call to jpeg_read_header(). If you reuse a decompression object, you cannot expect your parameter settings to be preserved across cycles, as you can for compression. You must set desired parameter values each time.

5. jpeg_start_decompress(...);
Once the parameter values are satisfactory, call `jpeg_start_decompress()` to begin decompression. This will initialize internal state, allocate working memory, and prepare for returning data.

Typical code is just

```
jpeg_start_decompress(&cinfo);
```

If you have requested a multi-pass operating mode, such as 2-pass color quantization, `jpeg_start_decompress()` will do everything needed before data output can begin. In this case `jpeg_start_decompress()` may take quite a while to complete. With a single-scan (non progressive) JPEG file and default decompression parameters, this will not happen; `jpeg_start_decompress()` will return quickly.

After this call, the final output image dimensions, including any requested scaling, are available in the JPEG object; so is the selected colormap, if colormapped output has been requested. Useful fields include:

- `output_width`: image width and height, as scaled
- `output_height`
- `out_color_components`: # of color components in `out_color_space`
- `output_components`: # of color components returned per pixel
- `colormap`: the selected colormap, if any
- `actual_number_of_colors`: number of entries in colormap

`output_components` is 1 (a colormap index) when quantizing colors; otherwise it equals `out_color_components`. It is the number of JSAMPLE values that will be emitted per pixel in the output arrays.

Typically you will need to allocate data buffers to hold the incoming image. You will need `output_width * output_components` JSAMPLEs per scanline in your output buffer, and a total of `output_height` scanlines will be returned.

Note: if you are using the JPEG library’s internal memory manager to allocate data buffers (as `djpeg` does), then the manager’s protocol requires that you request large buffers *before* calling `jpeg_start_decompress()`. This is a little tricky since the `output_XXX` fields are not normally valid then. You can make them valid by calling `jpeg_calc_output_dimensions()` after setting the relevant parameters (scaling, output color space, and quantization flag).

6. while (scan lines remain to be read)
   ```c
   jpeg_read_scanlines(...);
   ```

Now you can read the decompressed image data by calling `jpeg_read_scanlines()` one or more times. At each call, you pass in the maximum number of scanlines to be read (ie, the height of your working buffer); `jpeg_read_scanlines()`
will return up to that many lines. The return value is the number of lines actually read. The format of the returned data is discussed under "Data formats", above. Don't forget that grayscale and color JPEGs will return different data formats!

Image data is returned in top-to-bottom scanline order. If you must write out the image in bottom-to-top order, you can use the JPEG library's virtual array mechanism to invert the data efficiently. Examples of this can be found in the sample application djpeg.

The library maintains a count of the number of scanlines returned so far in the output_scanline field of the JPEG object. Usually you can just use this variable as the loop counter, so that the loop test looks like "while (cinfo.output_scanline < cinfo.output_height)". (Note that the test should NOT be against image_height, unless you never use scaling. The image_height field is the height of the original unscaled image.) The return value always equals the change in the value of output_scanline.

If you don't use a suspending data source, it is safe to assume that jpeg_read_scanlines() reads at least one scanline per call, until the bottom of the image has been reached.

If you use a buffer larger than one scanline, it is NOT safe to assume that jpeg_read_scanlines() fills it. (The current implementation returns only a few scanlines per call, no matter how large a buffer you pass.) So you must always provide a loop that calls jpeg_read_scanlines() repeatedly until the whole image has been read.

7. jpeg_finish_decompress(...);

After all the image data has been read, call jpeg_finish_decompress() to complete the decompression cycle. This causes working memory associated with the JPEG object to be released.

Typical code:

    jpeg_finish_decompress(&cinfo);

If using the stdio source manager, don't forget to close the source stdio stream if necessary.

It is an error to call jpeg_finish_decompress() before reading the correct total number of scanlines. If you wish to abort decompression, call jpeg_abort() as discussed below.

After completing a decompression cycle, you may dispose of the JPEG object as discussed next, or you may use it to decompress another image. In that case
return to step 2 or 3 as appropriate. If you do not change the source manager, the next image will be read from the same source.

8. Release the JPEG decompression object.

When you are done with a JPEG decompression object, destroy it by calling jpeg_destroy_decompress() or jpeg_destroy(). The previous discussion of destroying compression objects applies here too.

Typical code:

jpeg_destroy_decompress(&cinfo);


You can abort a decompression cycle by calling jpeg_destroy_decompress() or jpeg_destroy() if you don't need the JPEG object any more, or jpeg_abort_decompress() or jpeg_abort() if you want to reuse the object. The previous discussion of aborting compression cycles applies here too.

Mechanics of usage: include files, linking, etc

Applications using the JPEG library should include the header file jpeglib.h to obtain declarations of data types and routines. Before including jpeglib.h, include system headers that define at least the typedefs FILE and size_t. On ANSI-conforming systems, including <stdio.h> is sufficient; on older Unix systems, you may need <sys/types.h> to define size_t.

If the application needs to refer to individual JPEG library error codes, also include jerror.h to define those symbols.

jpeglib.h indirectly includes the files jconfig.h and jmorecfg.h. If you are installing the JPEG header files in a system directory, you will want to install all four files: jpeglib.h, jerror.h, jconfig.h, jmorecfg.h.

The most convenient way to include the JPEG code into your executable program is to prepare a library file ("libjpeg.a", or a corresponding name on non-Unix machines) and reference it at your link step. If you use only half of the library (only compression or only decompression), only that much code will be included from the library, unless your linker is hopelessly brain-damaged. The supplied makefiles build libjpeg.a automatically (see install.txt).

While you can build the JPEG library as a shared library if the whim strikes you, we don't really recommend it. The trouble with shared libraries is that
at some point you'll probably try to substitute a new version of the library without recompiling the calling applications. That generally doesn't work because the parameter struct declarations usually change with each new version. In other words, the library's API is *not* guaranteed binary compatible across versions; we only try to ensure source-code compatibility. (In hindsight, it might have been smarter to hide the parameter structs from applications and introduce a ton of access functions instead. Too late now, however.)

On some systems your application may need to set up a signal handler to ensure that temporary files are deleted if the program is interrupted. This is most critical if you are on MS-DOS and use the jmemdos.c memory manager back end; it will try to grab extended memory for temp files, and that space will NOT be freed automatically. See cjpeg.c or djpeg.c for an example signal handler.

It may be worth pointing out that the core JPEG library does not actually require the stdio library: only the default source/destination managers and error handler need it. You can use the library in a stdio-less environment if you replace those modules and use jmemnobs.c (or another memory manager of your own devising). More info about the minimum system library requirements may be found in jinclude.h.

**ADVANCED FEATURES**

Compression parameter selection
---------------------------------

This section describes all the optional parameters you can set for JPEG compression, as well as the "helper" routines provided to assist in this task. Proper setting of some parameters requires detailed understanding of the JPEG standard; if you don't know what a parameter is for, it's best not to mess with it! See REFERENCES in the README file for pointers to more info about JPEG.

It's a good idea to call jpeg_set_defaults() first, even if you plan to set all the parameters; that way your code is more likely to work with future JPEG libraries that have additional parameters. For the same reason, we recommend you use a helper routine where one is provided, in preference to twiddling cinfo fields directly.

The helper routines are:

```c
jpeg_set_defaults (j_compress_ptr cinfo)
```

This routine sets all JPEG parameters to reasonable defaults, using only the input image's color space (field in_color_space, which must already be set in cinfo). Many applications will only need to use
this routine and perhaps jpeg_set_quality().

jpeg_set_colorspace (j_compress_ptr cinfo, J_COLOR_SPACE colorspace)
Sets the JPEG file's colorspace (field jpeg_color_space) as specified, and sets other color-space-dependent parameters appropriately. See "Special color spaces", below, before using this. A large number of parameters, including all per-component parameters, are set by this routine; if you want to twiddle individual parameters you should call jpeg_set_colorspace() before rather than after.

jpeg_default_colorspace (j_compress_ptr cinfo)
Selects an appropriate JPEG colorspace based on cinfo->in_color_space, and calls jpeg_set_colorspace(). This is actually a subroutine of jpeg_set_defaults(). It's broken out in case you want to change just the colorspace-dependent JPEG parameters.

jpeg_set_quality (j_compress_ptr cinfo, int quality, boolean force_baseline)
Constructs JPEG quantization tables appropriate for the indicated quality setting. The quality value is expressed on the 0..100 scale recommended by IJG (cjpeg's "-quality" switch uses this routine). Note that the exact mapping from quality values to tables may change in future IJG releases as more is learned about DCT quantization. If the force_baseline parameter is TRUE, then the quantization table entries are constrained to the range 1..255 for full JPEG baseline compatibility. In the current implementation, this only makes a difference for quality settings below 25, and it effectively prevents very small/low quality files from being generated. The IJG decoder is capable of reading the non-baseline files generated at low quality settings when force_baseline is FALSE, but other decoders may not be.

jpeg_set_linear_quality (j_compress_ptr cinfo, int scale_factor, boolean force_baseline)
Same as jpeg_set_quality() except that the generated tables are the sample tables given in the JPEC spec section K.1, multiplied by the specified scale factor (which is expressed as a percentage; thus scale_factor = 100 reproduces the spec's tables). Note that larger scale factors give lower quality. This entry point is useful for conforming to the Adobe PostScript DCT conventions, but we do not recommend linear scaling as a user-visible quality scale otherwise. force_baseline again constrains the computed table entries to 1..255.

int jpeg_quality_scaling (int quality)
Converts a value on the IJG-recommended quality scale to a linear scaling percentage. Note that this routine may change or go away in future releases --- IJG may choose to adopt a scaling method that can't be expressed as a simple scalar multiplier, in which case the premise of this routine collapses. Caveat user.
jpeg_default_qtables (j_compress_ptr cinfo, boolean force_baseline)
Set default quantization tables with linear q_scale_factor[] values (see below).

jpeg_add_quant_table (j_compress_ptr cinfo, int which_tbl,
    const unsigned int *basic_table,
    int scale_factor, boolean force_baseline)
Allows an arbitrary quantization table to be created. which_tbl indicates which table slot to fill. basic_table points to an array of 64 unsigned ints given in normal array order. These values are multiplied by scale_factor/100 and then clamped to the range 1..65535 (or to 1..255 if force_baseline is TRUE).
CAUTION: prior to library version 6a, jpeg_add_quant_table expected the basic table to be given in JPEG zigzag order. If you need to write code that works with either older or newer versions of this routine, you must check the library version number. Something like “#if JPEG_LIB_VERSION >= 61” is the right test.

jpeg_simple_progression (j_compress_ptr cinfo)
Generates a default scan script for writing a progressive-JPEG file. This is the recommended method of creating a progressive file, unless you want to make a custom scan sequence. You must ensure that the JPEG color space is set correctly before calling this routine.

Compression parameters (cinfo fields) include:

boolean arith_code
If TRUE, use arithmetic coding.
If FALSE, use Huffman coding.

int block_size
Set DCT block size. All N from 1 to 16 are possible.
Default is 8 (baseline format).
Larger values produce higher compression,
smaller values produce higher quality.
An exact DCT stage is possible with 1 or 2.
With the default quality of 75 and default Luminance qtable the DCT+Quantization stage is lossless for value 1.
Note that values other than 8 require a SmartScale capable decoder, introduced with IJG JPEG 8. Setting the block_size parameter for compression works with version 8c and later.

J_DCT_METHOD dct_method
Selects the algorithm used for the DCT step. Choices are:
JDCT_ISLOW: slow but accurate integer algorithm
JDCT_IFAST: faster, less accurate integer method
JDCT_FLOAT: floating-point method
JDCT_DEFAULT: default method (normally JDCT_ISLOW)
JDCT_FASTEST: fastest method (normally JDCT_IFAST)
The FLOAT method is very slightly more accurate than the ISLOW method, but may give different results on different machines due to varying roundoff behavior. The integer methods should give the same results on all machines. On machines with sufficiently fast FP hardware, the floating-point method may also be the fastest. The IFAST method is considerably less accurate than the other two; its use is not recommended if high quality is a concern. JDCT_DEFAULT and JDCT_FASTEST are macros configurable by each installation.

unsigned int scale_num, scale_denom
Scale the image by the fraction scale_num/scale_denom. Default is 1/1, or no scaling. Currently, the supported scaling ratios are M/N with all N from 1 to 16, where M is the destination DCT size, which is 8 by default (see block_size parameter above). (The library design allows for arbitrary scaling ratios but this is not likely to be implemented any time soon.)

J_COLOR_SPACE jpeg_color_space
int num_components
The JPEG color space and corresponding number of components; see "Special color spaces", below, for more info. We recommend using jpeg_set_colorspace() if you want to change these.

J_COLOR_TRANSFORM color_transform
Internal color transform identifier, writes LSE marker if nonzero (requires decoder with inverse color transform support, introduced with IJG JPEG 9).
Two values are currently possible: JCT_NONE and JCT_SUBTRACT_GREEN.
Set this value for lossless RGB application *before* calling jpeg_set_colorspace(), because entropy table assignment in jpeg_set_colorspace() depends on color_transform.

boolean optimize_coding
TRUE causes the compressor to compute optimal Huffman coding tables for the image. This requires an extra pass over the data and therefore costs a good deal of space and time. The default is FALSE, which tells the compressor to use the supplied or default Huffman tables. In most cases optimal tables save only a few percent of file size compared to the default tables. Note that when this is TRUE, you need not supply Huffman tables at all, and any you do supply will be overwritten.

unsigned int restart_interval
int restart_in_rows
To emit restart markers in the JPEG file, set one of these nonzero. Set restart_interval to specify the exact interval in MCU blocks.
Set restart_in_rows to specify the interval in MCU rows. (If restart_in_rows is not 0, then restart_interval is set after the image width in MCUs is computed.) Defaults are zero (no restarts). One restart marker per MCU row is often a good choice. NOTE: the overhead of restart markers is higher in grayscale JPEG files than in color files, and MUCH higher in progressive JPEGs. If you use restarts, you may want to use larger intervals in those cases.

const jpeg_scan_info * scan_info
int num_scans

By default, scan_info is NULL; this causes the compressor to write a single-scan sequential JPEG file. If not NULL, scan_info points to an array of scan definition records of length num_scans. The compressor will then write a JPEG file having one scan for each scan definition record. This is used to generate noninterleaved or progressive JPEG files. The library checks that the scan array defines a valid JPEG scan sequence. (jpeg_simple_progression creates a suitable scan definition array for progressive JPEG.) This is discussed further under "Progressive JPEG support".

boolean do_fancy_downsampling
If TRUE, use direct DCT scaling with DCT size > 8 for downsampling of chroma components. If FALSE, use only DCT size <= 8 and simple separate downsampling. Default is TRUE.

For better image stability in multiple generation compression cycles it is preferable that this value matches the corresponding do_fancy_upsampling value in decompression.

int smoothing_factor
If non-zero, the input image is smoothed; the value should be 1 for minimal smoothing to 100 for maximum smoothing. Consult jcsample.c for details of the smoothing algorithm. The default is zero.

boolean write_JFIF_header
If TRUE, a JFIF APP0 marker is emitted. jpeg_set_defaults() and jpeg_set_colorspace() set this TRUE if a JFIF-legal JPEG color space (ie, YCbCr or grayscale) is selected, otherwise FALSE.

UINT8 JFIF_major_version
UINT8 JFIF_minor_version
The version number to be written into the JFIF marker. jpeg_set_defaults() initializes the version to 1.01 (major=minor=1). You should set it to 1.02 (major=1, minor=2) if you plan to write any JFIF 1.02 extension markers.

UINT8 density_unit
UINT16 X_density
UINT16 Y_density
The resolution information to be written into the JFIF marker; not used otherwise. density_unit may be 0 for unknown, 1 for dots/inch, or 2 for dots/cm. The default values are 0,1,1 indicating square pixels of unknown size.

boolean write_Adobe_marker
If TRUE, an Adobe APP14 marker is emitted. jpeg_set_defaults() and jpeg_set_colorspace() set this TRUE if JPEG color space RGB, CMYK, or YCCK is selected, otherwise FALSE. It is generally a bad idea to set both write_JFIF_header and write_Adobe_marker. In fact, you probably shouldn't change the default settings at all --- the default behavior ensures that the JPEG file's color space can be recognized by the decoder.

JQUANT_TBL * quant_tbl_ptrs[NUM_QUANT_TBLS]
Pointers to coefficient quantization tables, one per table slot, or NULL if no table is defined for a slot. Usually these should be set via one of the above helper routines; jpeg_add_quant_table() is general enough to define any quantization table. The other routines will set up table slot 0 for luminance quality and table slot 1 for chrominance.

int q_scale_factor[NUM_QUANT_TBLS]
Linear quantization scaling factors (percentage, initialized 100) for use with jpeg_default_qtables().
See rdswitch.c and cjpeg.c for an example of usage.
Note that the q_scale_factor[] fields are the "linear" scales, so you have to convert from user-defined ratings via jpeg_quality_scaling(). Here is an example code which corresponds to cjpeg -quality 90,70:

jpeg_set_defaults(cinfo);

/* Set luminance quality 90. */
cinfo->q_scale_factor[0] = jpeg_quality_scaling(90);
/* Set chrominance quality 70. */
cinfo->q_scale_factor[1] = jpeg_quality_scaling(70);

jpeg_default_qtables(cinfo, force_baseline);

CAUTION: You must also set 1x1 subsampling for efficient separate color quality selection, since the default value used by library is 2x2:

cinfo->comp_info[0].v_samp_factor = 1;
cinfo->comp_info[0].h_samp_factor = 1;
JHUFF_TBL * dc_huff_tbl_ptrs[NUM_HUFF_TBLS]
JHUFF_TBL * ac_huff_tbl_ptrs[NUM_HUFF_TBLS]

Pointers to Huffman coding tables, one per table slot, or NULL if no table is defined for a slot. Slots 0 and 1 are filled with the JPEG sample tables by jpeg_set_defaults(). If you need to allocate more table structures, jpeg_alloc_huff_table() may be used.

Note that optimal Huffman tables can be computed for an image by setting optimize_coding, as discussed above; there's seldom any need to mess with providing your own Huffman tables.

The actual dimensions of the JPEG image that will be written to the file are given by the following fields. These are computed from the input image dimensions and the compression parameters by jpeg_start_compress(). You can also call jpeg_calc_jpeg_dimensions() to obtain the values that will result from the current parameter settings. This can be useful if you are trying to pick a scaling ratio that will get close to a desired target size.

JDIMENSION jpeg_width
Actual dimensions of output image.
JDIMENSION jpeg_height

Per-component parameters are stored in the struct cinfo.comp_info[i] for component number i. Note that components here refer to components of the JPEG color space, *not* the source image color space. A suitably large comp_info[] array is allocated by jpeg_set_defaults(); if you choose not to use that routine, it's up to you to allocate the array.

int component_id
The one-byte identifier code to be recorded in the JPEG file for this component. For the standard color spaces, we recommend you leave the default values alone.

int h_samp_factor
int v_samp_factor
Horizontal and vertical sampling factors for the component; must be 1..4 according to the JPEG standard. Note that larger sampling factors indicate a higher-resolution component; many people find this behavior quite unintuitive. The default values are 2,2 for luminance components and 1,1 for chrominance components, except for grayscale where 1,1 is used.

int quant_tbl_no
Quantization table number for component. The default value is 0 for luminance components and 1 for chrominance components.

int dc_tbl_no
int ac_tbl_no
DC and AC entropy coding table numbers. The default values are 0 for luminance components and 1 for chrominance components.

int component_index
Must equal the component's index in comp_info[]. (Beginning in release v6, the compressor library will fill this in automatically; you don't have to.)

Decompression parameter selection

Decompression parameter selection is somewhat simpler than compression parameter selection, since all of the JPEG internal parameters are recorded in the source file and need not be supplied by the application. (Unless you are working with abbreviated files, in which case see "Abbreviated datastreams", below.) Decompression parameters control the postprocessing done on the image to deliver it in a format suitable for the application's use. Many of the parameters control speed/quality tradeoffs, in which faster decompression may be obtained at the price of a poorer-quality image. The defaults select the highest quality (slowest) processing.

The following fields in the JPEG object are set by jpeg_read_header() and may be useful to the application in choosing decompression parameters:

JDIMENSION image_width		Width and height of image
JDIMENSION image_height	
int num_components	Number of color components
J_COLOR_SPACE jpeg_color_space	Colors space of image
boolean saw_JFIF_marker	TRUE if a JFIF APP0 marker was seen
UINT8 JFIF_major_version	Version information from JFIF marker
UINT8 JFIF_minor_version
UINT8 density_unit	Resolution data from JFIF marker
UINT16 X_density
UINT16 Y_density
boolean saw_Adobe_marker	TRUE if an Adobe APP14 marker was seen
UINT8 Adobe_transform	Color transform code from Adobe marker

The JPEG color space, unfortunately, is something of a guess since the JPEG standard proper does not provide a way to record it. In practice most files adhere to the JFIF or Adobe conventions, and the decoder will recognize these correctly. See "Special color spaces", below, for more info.

The decompression parameters that determine the basic properties of the returned image are:
J_COLOR_SPACE out_color_space
Output color space. jpeg_read_header() sets an appropriate default
based on jpeg_color_space; typically it will be RGB or grayscale.
The application can change this field to request output in a different
colorspace. For example, set it to JCS_GRAYSCALE to get grayscale
output from a color file. (This is useful for previewing: grayscale
output is faster than full color since the color components need not
be processed.) Note that not all possible color space transforms are
currently implemented; you may need to extend jdcolor.c if you want an
unusual conversion.

unsigned int scale_num, scale_denom
Scale the image by the fraction scale_num/scale_denom. Currently,
the supported scaling ratios are M/N with all M from 1 to 16, where
N is the source DCT size, which is 8 for baseline JPEG. (The library
design allows for arbitrary scaling ratios but this is not likely
to be implemented any time soon.) The values are initialized by
jpeg_read_header() with the source DCT size. For baseline JPEG
this is 8/8. If you change only the scale_num value while leaving
the other unchanged, then this specifies the DCT scaled size to be
applied on the given input. For baseline JPEG this is equivalent
to M/8 scaling, since the source DCT size for baseline JPEG is 8.
Smaller scaling ratios permit significantly faster decoding since
fewer pixels need be processed and a simpler IDCT method can be used.

boolean quantize_colors
If set TRUE, colormapped output will be delivered. Default is FALSE,
meaning that full-color output will be delivered.

The next three parameters are relevant only if quantize_colors is TRUE.

int desired_number_of_colors
Maximum number of colors to use in generating a library-supplied color
map (the actual number of colors is returned in a different field).
Default 256. Ignored when the application supplies its own color map.

boolean two_pass_quantize
If TRUE, an extra pass over the image is made to select a custom color
map for the image. This usually looks a lot better than the one-size-
fits-all colormap that is used otherwise. Default is TRUE. Ignored
when the application supplies its own color map.

J_DITHER_MODE dither_mode
Selects color dithering method. Supported values are:
J_DITHER_NONE no dithering: fast, very low quality
J_DITHER_ORDERED ordered dither: moderate speed and quality
J_DITHER_FS Floyd-Steinberg dither: slow, high quality
Default is J_DITHER_FS. (At present, ordered dither is implemented
only in the single-pass, standard-colormap case. If you ask for ordered dither when two_pass_quantize is TRUE or when you supply an external color map, you'll get F-S dithering.)

When quantize_colors is TRUE, the target color map is described by the next two fields. colormap is set to NULL by jpeg_read_header(). The application can supply a color map by setting colormap non-NULL and setting actual_number_of_colors to the map size. Otherwise, jpeg_start_decompress() selects a suitable color map and sets these two fields itself.

[Implementation restriction: at present, an externally supplied colormap is only accepted for 3-component output color spaces.]

JSAMPARRAY colormap
The color map, represented as a 2-D pixel array of out_color_components rows and actual_number_of_colors columns. Ignored if not quantizing.
CAUTION: if the JPEG library creates its own colormap, the storage pointed to by this field is released by jpeg_finish_decompress(). Copy the colormap somewhere else first, if you want to save it.

int actual_number_of_colors
The number of colors in the color map.

Additional decompression parameters that the application may set include:

J_DCT_METHOD dct_method
Selects the algorithm used for the DCT step. Choices are the same as described above for compression.

boolean do_fancy_upsampling
If TRUE, use direct DCT scaling with DCT size > 8 for upsampling of chroma components.
If FALSE, use only DCT size <= 8 and simple separate upsampling.
Default is TRUE.
For better image stability in multiple generation compression cycles it is preferable that this value matches the corresponding do_fancy_downsampling value in compression.

boolean do_block_smoothing
If TRUE, interblock smoothing is applied in early stages of decoding progressive JPEG files; if FALSE, not. Default is TRUE. Early progression stages look "fuzzy" with smoothing, "blocky" without.
In any case, block smoothing ceases to be applied after the first few AC coefficients are known to full accuracy, so it is relevant only when using buffered-image mode for progressive images.

boolean enable_1pass_quant
boolean enable_external_quant
boolean enable_2pass_quant
These are significant only in buffered-image mode, which is described in its own section below.

The output image dimensions are given by the following fields. These are computed from the source image dimensions and the decompression parameters by jpeg_start_decompress(). You can also call jpeg_calc_output_dimensions() to obtain the values that will result from the current parameter settings. This can be useful if you are trying to pick a scaling ratio that will get close to a desired target size. It's also important if you are using the JPEG library's memory manager to allocate output buffer space, because you are supposed to request such buffers *before* jpeg_start_decompress().

JDIMENSION output_width	Actual dimensions of output image.
JDIMENSION output_height
int out_color_components
  Number of color components in out_color_space.
int output_components
  Number of color components returned.
int rec_outbuf_height
  Recommended height of scanline buffer.

When quantizing colors, output_components is 1, indicating a single color map index per pixel. Otherwise it equals out_color_components. The output arrays are required to be output_width * output_components JSAMPLEs wide.

rec_outbuf_height is the recommended minimum height (in scanlines) of the buffer passed to jpeg_read_scanlines(). If the buffer is smaller, the library will still work, but time will be wasted due to unnecessary data copying. In high-quality modes, rec_outbuf_height is always 1, but some faster, lower-quality modes set it to larger values (typically 2 to 4). If you are going to ask for a high-speed processing mode, you may as well go to the trouble of honoring rec_outbuf_height so as to avoid data copying. (An output buffer larger than rec_outbuf_height lines is OK, but won't provide any material speed improvement over that height.)

Special color spaces

The JPEG standard itself is "color blind" and doesn't specify any particular color space. It is customary to convert color data to a luminance/chrominance color space before compressing, since this permits greater compression. The existing JPEG file interchange format standards specify YCbCr or GRAYSCALE data (JFIF version 1), GRAYSCALE, RGB, YCbCr, CMYK, or YCCK (Adobe), or BG_RGB or BG_YCC (big gamut color spaces, JFIF version 2). For special applications such as multispectral images, other color spaces can be used, but it must be understood that such files will be unportable.

The JPEG library can handle the most common colorspace conversions (namely RGB <=> YCbCr and CMYK <=> YCCK). It can also deal with data of an unknown
color space, passing it through without conversion. If you deal extensively
with an unusual color space, you can easily extend the library to understand
additional color spaces and perform appropriate conversions.

For compression, the source data's color space is specified by field
in_color_space. This is transformed to the JPEG file's color space given
by jpeg_color_space. jpeg_set_defaults() chooses a reasonable JPEG color
space depending on in_color_space, but you can override this by calling
jpeg_set_colorspace(). Of course you must select a supported transformation.
jccolor.c currently supports the following transformations:
RGB => YCbCr
RGB => GRAYSCALE
RGB => BG_YCC
YCbCr => GRAYSCALE
YCbCr => BG_YCC
CMYK => YCCK
plus the null transforms: GRAYSCALE => GRAYSCALE, RGB => RGB,
BG_RGB => BG_RGB, YCbCr => YCbCr, BG_YCC => BG_YCC, CMYK => CMYK,
YCCK => YCCK, and UNKNOWN => UNKNOWN.

The file interchange format standards (JFIF and Adobe) specify APPn markers
that indicate the color space of the JPEG file. It is important to ensure
that these are written correctly, or omitted if the JPEG file's color space
is not one of the ones supported by the interchange standards.
jpeg_set_colorspace() will set the compression parameters to include or omit
the APPn markers properly, so long as it is told the truth about the JPEG
color space. For example, if you are writing some random 3-component color
space without conversion, don't try to fake out the library by setting
in_color_space and jpeg_color_space to JCS_YCbCr; use JCS_UNKNOWN.
You may want to write an APPn marker of your own devising to identify
the colorspace --- see "Special markers", below.

When told that the color space is UNKNOWN, the library will default to using
luminance-quality compression parameters for all color components. You may
well want to change these parameters. See the source code for
jpeg_set_colorspace(), in jcparam.c, for details.

For decompression, the JPEG file's color space is given in jpeg_color_space,
and this is transformed to the output color space out_color_space.
jpeg_read_header's setting of jpeg_color_space can be relied on if the file
conforms to JFIF or Adobe conventions, but otherwise it is no better than a
guess. If you know the JPEG file's color space for certain, you can override
jpeg_read_header's guess by setting jpeg_color_space. jpeg_read_header also
selects a default output color space based on (its guess of) jpeg_color_space;
set out_color_space to override this. Again, you must select a supported
transformation. jdcolor.c currently supports
YCbCr => RGB
YCbCr => GRAYSCALE
BG_YCC => RGB
BG_YCC => GRAYSCALE
RGB => GRAYSCALE
GRAYSCALE => RGB
YCCK => CMYK

as well as the null transforms. (Since GRAYSCALE=>RGB is provided, an application can force grayscale JPEGs to look like color JPEGs if it only wants to handle one case.)

The two-pass color quantizer, jquant2.c, is specialized to handle RGB data (it weights distances appropriately for RGB colors). You'll need to modify the code if you want to use it for non-RGB output color spaces. Note that jquant2.c is used to map to an application-supplied colormap as well as for the normal two-pass colormap selection process.

CAUTION: it appears that Adobe Photoshop writes inverted data in CMYK JPEG files: 0 represents 100% ink coverage, rather than 0% ink as you'd expect. This is arguably a bug in Photoshop, but if you need to work with Photoshop CMYK files, you will have to deal with it in your application. We cannot "fix" this in the library by inverting the data during the CMYK<=>YCCK transform, because that would break other applications, notably Ghostscript. Photoshop versions prior to 3.0 write EPS files containing JPEG-encoded CMYK data in the same inverted-YCCK representation used in bare JPEG files, but the surrounding PostScript code performs an inversion using the PS image operator. I am told that Photoshop 3.0 will write uninverted YCCK in EPS/JPEG files, and will omit the PS-level inversion. (But the data polarity used in bare JPEG files will not change in 3.0.) In either case, the JPEG library must not invert the data itself, or else Ghostscript would read these EPS files incorrectly.

Error handling
--------------

When the default error handler is used, any error detected inside the JPEG routines will cause a message to be printed on stderr, followed by exit(). You can supply your own error handling routines to override this behavior and to control the treatment of nonfatal warnings and trace/debug messages. The file example.c illustrates the most common case, which is to have the application regain control after an error rather than exiting.

The JPEG library never writes any message directly; it always goes through the error handling routines. Three classes of messages are recognized:
* Fatal errors: the library cannot continue.
* Warnings: the library can continue, but the data is corrupt, and a damaged output image is likely to result.
* Trace/informational messages. These come with a trace level indicating the importance of the message; you can control the verbosity of the
program by adjusting the maximum trace level that will be displayed.

You may, if you wish, simply replace the entire JPEG error handling module (jerror.c) with your own code. However, you can avoid code duplication by only replacing some of the routines depending on the behavior you need. This is accomplished by calling jpeg_std_error() as usual, but then overriding some of the method pointers in the jpeg_error_mgr struct, as illustrated by example.c.

All of the error handling routines will receive a pointer to the JPEG object (a j_common_ptr which points to either a jpeg_compress_struct or a jpeg_decompress_struct; if you need to tell which, test the is_decompressor field). This struct includes a pointer to the error manager struct in its "err" field. Frequently, custom error handler routines will need to access additional data which is not known to the JPEG library or the standard error handler. The most convenient way to do this is to embed either the JPEG object or the jpeg_error_mgr struct in a larger structure that contains additional fields; then casting the passed pointer provides access to the additional fields. Again, see example.c for one way to do it. (Beginning with IJG version 6b, there is also a void pointer "client_data" in each JPEG object, which the application can also use to find related data. The library does not touch client_data at all.)

The individual methods that you might wish to override are:

error_exit (j_common_ptr cinfo)
Receives control for a fatal error. Information sufficient to generate the error message has been stored in cinfo->err; call output_message to display it. Control must NOT return to the caller; generally this routine will exit() or longjmp() somewhere. Typically you would override this routine to get rid of the exit() default behavior. Note that if you continue processing, you should clean up the JPEG object with jpeg_abort() or jpeg_destroy().

output_message (j_common_ptr cinfo)
Actual output of any JPEG message. Override this to send messages somewhere other than stderr. Note that this method does not know how to generate a message, only where to send it.

format_message (j_common_ptr cinfo, char * buffer)
Constructs a readable error message string based on the error info stored in cinfo->err. This method is called by output_message. Few applications should need to override this method. One possible reason for doing so is to implement dynamic switching of error message language.

emit_message (j_common_ptr cinfo, int msg_level)
Decide whether or not to emit a warning or trace message; if so,
calls output_message. The main reason for overriding this method would be to abort on warnings. msg_level is -1 for warnings, 0 and up for trace messages.

Only error_exit() and emit_message() are called from the rest of the JPEG library; the other two are internal to the error handler.

The actual message texts are stored in an array of strings which is pointed to by the field err->jpeg_message_table. The messages are numbered from 0 to err->last_jpeg_message, and it is these code numbers that are used in the JPEG library code. You could replace the message texts (for instance, with messages in French or German) by changing the message table pointer. See jerror.h for the default texts. CAUTION: this table will almost certainly change or grow from one library version to the next.

It may be useful for an application to add its own message texts that are handled by the same mechanism. The error handler supports a second "add-on" message table for this purpose. To define an addon table, set the pointer err->addon_message_table and the message numbers err->first_addon_message and err->last_addon_message. If you number the addon messages beginning at 1000 or so, you won't have to worry about conflicts with the library's built-in messages. See the sample applications cjpeg/djpeg for an example of using addon messages (the addon messages are defined in cderror.h).

Actual invocation of the error handler is done via macros defined in jerror.h:

- ERREXITn(...) for fatal errors
- WARNMSn(...) for corrupt-data warnings
- TRACEMSn(...) for trace and informational messages.

These macros store the message code and any additional parameters into the error handler struct, then invoke the error_exit() or emit_message() method. The variants of each macro are for varying numbers of additional parameters. The additional parameters are inserted into the generated message using standard printf() format codes.

See jerror.h and jerror.c for further details.

Compressed data handling (source and destination managers)
-----------------------------------------------------------------------------------

The JPEG compression library sends its compressed data to a "destination manager" module. The default destination manager just writes the data to a memory buffer or to a stdio stream, but you can provide your own manager to do something else. Similarly, the decompression library calls a "source manager" to obtain the compressed data; you can provide your own source manager if you want the data to come from somewhere other than a memory buffer or a stdio stream.
In both cases, compressed data is processed a bufferload at a time: the destination or source manager provides a work buffer, and the library invokes the manager only when the buffer is filled or emptied. (You could define a one-character buffer to force the manager to be invoked for each byte, but that would be rather inefficient.) The buffer's size and location are controlled by the manager, not by the library. For example, the memory source manager just makes the buffer pointer and length point to the original data in memory. In this case the buffer-reload procedure will be invoked only if the decompressor ran off the end of the datastream, which would indicate an erroneous datastream.

The work buffer is defined as an array of datatype JOCTET, which is generally "char" or "unsigned char". On a machine where char is not exactly 8 bits wide, you must define JOCTET as a wider data type and then modify the data source and destination modules to transcribe the work arrays into 8-bit units on external storage.

A data destination manager struct contains a pointer and count defining the next byte to write in the work buffer and the remaining free space:

```c
JOCTET * next_output_byte; /* => next byte to write in buffer */
size_t free_in_buffer;     /* # of byte spaces remaining in buffer */
```

The library increments the pointer and decrements the count until the buffer is filled. The manager's empty_output_buffer method must reset the pointer and count. The manager is expected to remember the buffer's starting address and total size in private fields not visible to the library.

A data destination manager provides three methods:

*init_destination (j_compress_ptr cinfo)*
Initialize destination. This is called by jpeg_start_compress() before any data is actually written. It must initialize next_output_byte and free_in_buffer. free_in_buffer must be initialized to a positive value.

*empty_output_buffer (j_compress_ptr cinfo)*
This is called whenever the buffer has filled (free_in_buffer reaches zero). In typical applications, it should write out the entire buffer (use the saved start address and buffer length; ignore the current state of next_output_byte and free_in_buffer). Then reset the pointer & count to the start of the buffer, and return TRUE indicating that the buffer has been dumped. free_in_buffer must be set to a positive value when TRUE is returned. A FALSE return should only be used when I/O suspension is desired (this operating mode is discussed in the next section).

*term_destination (j_compress_ptr cinfo)*
Terminate destination --- called by jpeg_finish_compress() after all data has been written. In most applications, this must flush any data remaining in the buffer. Use either next_output_byte or free_in_buffer to determine how much data is in the buffer.

term_destination() is NOT called by jpeg_abort() or jpeg_destroy(). If you want the destination manager to be cleaned up during an abort, you must do it yourself.

You will also need code to create a jpeg_destination_mgr struct, fill in its method pointers, and insert a pointer to the struct into the "dest" field of the JPEG compression object. This can be done in-line in your setup code if you like, but it's probably cleaner to provide a separate routine similar to the jpeg_stdio_dest() or jpeg_mem_dest() routines of the supplied destination managers.

Decompression source managers follow a parallel design, but with some additional frammishes. The source manager struct contains a pointer and count defining the next byte to read from the work buffer and the number of bytes remaining:

const JOCTET * next_input_byte; /* => next byte to read from buffer */
size_t bytes_in_buffer;         /* # of bytes remaining in buffer */

The library increments the pointer and decrements the count until the buffer is emptied. The manager's fill_input_buffer method must reset the pointer and count. In most applications, the manager must remember the buffer's starting address and total size in private fields not visible to the library.

A data source manager provides five methods:

init_source (j_decompress_ptr cinfo)
Initialize source. This is called by jpeg_read_header() before any data is actually read. Unlike init_destination(), it may leave bytes_in_buffer set to 0 (in which case a fill_input_buffer() call will occur immediately).

fill_input_buffer (j_decompress_ptr cinfo)
This is called whenever bytes_in_buffer has reached zero and more data is wanted. In typical applications, it should read fresh data into the buffer (ignoring the current state of next_input_byte and bytes_in_buffer), reset the pointer & count to the start of the buffer, and return TRUE indicating that the buffer has been reloaded. It is not necessary to fill the buffer entirely, only to obtain at least one more byte. bytes_in_buffer MUST be set to a positive value if TRUE is returned. A FALSE return should only be used when I/O suspension is desired (this mode is discussed in the next section).
skip_input_data (j_decompress_ptr cinfo, long num_bytes)
Skip num_bytes worth of data. The buffer pointer and count should
be advanced over num_bytes input bytes, refilling the buffer as
needed. This is used to skip over a potentially large amount of
uninteresting data (such as an APPn marker). In some applications
it may be possible to optimize away the reading of the skipped data,
but it's not clear that being smart is worth much trouble; large
skips are uncommon. bytes_in_buffer may be zero on return.
A zero or negative skip count should be treated as a no-op.

resync_to_restart (j_decompress_ptr cinfo, int desired)
This routine is called only when the decompressor has failed to find
a restart (RSTn) marker where one is expected. Its mission is to
find a suitable point for resuming decompression. For most
applications, we recommend that you just use the default resync
procedure, jpeg_resync_to_restart(). However, if you are able to back
up in the input data stream, or if you have a-priori knowledge about
the likely location of restart markers, you may be able to do better.
Read the read_restart_marker() and jpeg_resync_to_restart() routines
in jdmarker.c if you think you'd like to implement your own resync
procedure.

term_source (j_decompress_ptr cinfo)
Terminate source --- called by jpeg_finish_decompress() after all
data has been read. Often a no-op.

For both fill_input_buffer() and skip_input_data(), there is no such thing
as an EOF return. If the end of the file has been reached, the routine has
a choice of exiting via ERREXIT() or inserting fake data into the buffer.
In most cases, generating a warning message and inserting a fake EOI marker
is the best course of action --- this will allow the decompressor to output
however much of the image is there. In pathological cases, the decompressor
may swallow the EOI and again demand data ... just keep feeding it fake EOIs.
jdatasrc.c illustrates the recommended error recovery behavior.

term_source() is NOT called by jpeg_abort() or jpeg_destroy(). If you want
the source manager to be cleaned up during an abort, you must do it yourself.

You will also need code to create a jpeg_source_mgr struct, fill in its method
pointers, and insert a pointer to the struct into the "src" field of the JPEG
decompression object. This can be done in-line in your setup code if you
like, but it's probably cleaner to provide a separate routine similar to the
jpeg_stdio_src() or jpeg_mem_src() routines of the supplied source managers.

For more information, consult the memory and stdio source and destination
managers in jdatasrc.c and jdatadst.c.
I/O suspension

Some applications need to use the JPEG library as an incremental memory-to-memory filter: when the compressed data buffer is filled or emptied, they want control to return to the outer loop, rather than expecting that the buffer can be emptied or reloaded within the data source/destination manager subroutine. The library supports this need by providing an "I/O suspension" mode, which we describe in this section.

The I/O suspension mode is not a panacea: nothing is guaranteed about the maximum amount of time spent in any one call to the library, so it will not eliminate response-time problems in single-threaded applications. If you need guaranteed response time, we suggest you "bite the bullet" and implement a real multi-tasking capability.

To use I/O suspension, cooperation is needed between the calling application and the data source or destination manager; you will always need a custom source/destination manager. (Please read the previous section if you haven't already.) The basic idea is that the empty_output_buffer() or fill_input_buffer() routine is a no-op, merely returning FALSE to indicate that it has done nothing. Upon seeing this, the JPEG library suspends operation and returns to its caller. The surrounding application is responsible for emptying or refilling the work buffer before calling the JPEG library again.

Compression suspension:

For compression suspension, use an empty_output_buffer() routine that returns FALSE; typically it will not do anything else. This will cause the compressor to return to the caller of jpeg_write_scanlines(), with the return value indicating that not all the supplied scanlines have been accepted. The application must make more room in the output buffer, adjust the output buffer pointer/count appropriately, and then call jpeg_write_scanlines() again, pointing to the first unconsumed scanline.

When forced to suspend, the compressor will backtrack to a convenient stopping point (usually the start of the current MCU); it will regenerate some output data when restarted. Therefore, although empty_output_buffer() is only called when the buffer is filled, you should NOT write out the entire buffer after a suspension. Write only the data up to the current position of next_output_byte/free_in_buffer. The data beyond that point will be regenerated after resumption.

Because of the backtracking behavior, a good-size output buffer is essential for efficiency; you don't want the compressor to suspend often. (In fact, an overly small buffer could lead to infinite looping, if a single MCU required more data than would fit in the buffer.) We recommend a buffer of at least
several Kbytes. You may want to insert explicit code to ensure that you don't call jpeg_write_scanlines() unless there is a reasonable amount of space in the output buffer; in other words, flush the buffer before trying to compress more data.

The compressor does not allow suspension while it is trying to write JPEG markers at the beginning and end of the file. This means that:

* At the beginning of a compression operation, there must be enough free space in the output buffer to hold the header markers (typically 600 or so bytes). The recommended buffer size is bigger than this anyway, so this is not a problem as long as you start with an empty buffer. However, this restriction might catch you if you insert large special markers, such as a JFIF thumbnail image, without flushing the buffer afterwards.
* When you call jpeg_finish_compress(), there must be enough space in the output buffer to emit any buffered data and the final EOI marker. In the current implementation, half a dozen bytes should suffice for this, but for safety's sake we recommend ensuring that at least 100 bytes are free before calling jpeg_finish_compress().

A more significant restriction is that jpeg_finish_compress() cannot suspend. This means you cannot use suspension with multi-pass operating modes, namely Huffman code optimization and multiple-scan output. Those modes write the whole file during jpeg_finish_compress(), which will certainly result in buffer overrun. (Note that this restriction applies only to compression, not decompression. The decompressor supports input suspension in all of its operating modes.)

Decompression suspension:

For decompression suspension, use a fill_input_buffer() routine that simply returns FALSE (except perhaps during error recovery, as discussed below). This will cause the decompressor to return to its caller with an indication that suspension has occurred. This can happen at four places:

* jpeg_read_header(): will return JPEG_SUSPENDED.
* jpeg_start_decompress(): will return FALSE, rather than its usual TRUE.
* jpeg_read_scanlines(): will return the number of scanlines already completed (possibly 0).
* jpeg_finish_decompress(): will return FALSE, rather than its usual TRUE.

The surrounding application must recognize these cases, load more data into the input buffer, and repeat the call. In the case of jpeg_read_scanlines(), increment the passed pointers past any scanlines successfully read.

Just as with compression, the decompressor will typically backtrack to a convenient restart point before suspending. When fill_input_buffer() is called, next_input_byte/bytes_in_buffer point to the current restart point, which is where the decompressor will backtrack to if FALSE is returned. The data beyond that position must NOT be discarded if you suspend; it needs to be re-read upon resumption. In most implementations, you'll need to shift
this data down to the start of your work buffer and then load more data after
it. Again, this behavior means that a several-Kbyte work buffer is essential
for decent performance; furthermore, you should load a reasonable amount of
new data before resuming decompression. (If you loaded, say, only one new
byte each time around, you could waste a LOT of cycles.)

The skip_input_data() source manager routine requires special care in a
suspension scenario. This routine is NOT granted the ability to suspend the
decompressor; it can decrement bytes_in_buffer to zero, but no more. If the
requested skip distance exceeds the amount of data currently in the input
buffer, then skip_input_data() must set bytes_in_buffer to zero and record the
additional skip distance somewhere else. The decompressor will immediately
call fill_input_buffer(), which should return FALSE, which will cause a
suspension return. The surrounding application must then arrange to discard
the recorded number of bytes before it resumes loading the input buffer.
(Yes, this design is rather baroque, but it avoids complexity in the far more
common case where a non-suspending source manager is used.)

If the input data has been exhausted, we recommend that you emit a warning
and insert dummy EOI markers just as a non-suspending data source manager
would do. This can be handled either in the surrounding application logic or
within fill_input_buffer(); the latter is probably more efficient. If
fill_input_buffer() knows that no more data is available, it can set the
pointer/count to point to a dummy EOI marker and then return TRUE just as
though it had read more data in a non-suspending situation.

The decompressor does not attempt to suspend within standard JPEG markers;
instead it will backtrack to the start of the marker and reprocess the whole
marker next time. Hence the input buffer must be large enough to hold the
longest standard marker in the file. Standard JPEG markers should normally
not exceed a few hundred bytes each (DHT tables are typically the longest).
We recommend at least a 2K buffer for performance reasons, which is much
larger than any correct marker is likely to be. For robustness against
damaged marker length counts, you may wish to insert a test in your
application for the case that the input buffer is completely full and yet
the decoder has suspended without consuming any data --- otherwise, if this
situation did occur, it would lead to an endless loop. (The library can't
provide this test since it has no idea whether "the buffer is full", or
even whether there is a fixed-size input buffer.)

The input buffer would need to be 64K to allow for arbitrary COM or APPn
markers, but these are handled specially: they are either saved into allocated
memory, or skipped over by calling skip_input_data(). In the former case,
suspension is handled correctly, and in the latter case, the problem of
buffer overrun is placed on skip_input_data's shoulders, as explained above.
Note that if you provide your own marker handling routine for large markers,
you should consider how to deal with buffer overflow.
Multiple-buffer management:

In some applications it is desirable to store the compressed data in a linked list of buffer areas, so as to avoid data copying. This can be handled by having empty_output_buffer() or fill_input_buffer() set the pointer and count to reference the next available buffer; FALSE is returned only if no more buffers are available. Although seemingly straightforward, there is a pitfall in this approach: the backtrack that occurs when FALSE is returned could back up into an earlier buffer. For example, when fill_input_buffer() is called, the current pointer & count indicate the backtrack restart point. Since fill_input_buffer() will set the pointer and count to refer to a new buffer, the restart position must be saved somewhere else. Suppose a second call to fill_input_buffer() occurs in the same library call, and no additional input data is available, so fill_input_buffer must return FALSE. If the JPEG library has not moved the pointer/count forward in the current buffer, then *the correct restart point is the saved position in the prior buffer*. Prior buffers may be discarded only after the library establishes a restart point within a later buffer. Similar remarks apply for output into a chain of buffers.

The library will never attempt to backtrack over a skip_input_data() call, so any skipped data can be permanently discarded. You still have to deal with the case of skipping not-yet-received data, however.

It's much simpler to use only a single buffer; when fill_input_buffer() is called, move any unconsumed data (beyond the current pointer/count) down to the beginning of this buffer and then load new data into the remaining buffer space. This approach requires a little more data copying but is far easier to get right.

Progressive JPEG support
------------------------

Progressive JPEG rearranges the stored data into a series of scans of increasing quality. In situations where a JPEG file is transmitted across a slow communications link, a decoder can generate a low-quality image very quickly from the first scan, then gradually improve the displayed quality as more scans are received. The final image after all scans are complete is identical to that of a regular (sequential) JPEG file of the same quality setting. Progressive JPEG files are often slightly smaller than equivalent sequential JPEG files, but the possibility of incremental display is the main reason for using progressive JPEG.

The IJG encoder library generates progressive JPEG files when given a suitable "scan script" defining how to divide the data into scans. Creation of progressive JPEG files is otherwise transparent to the encoder. Progressive JPEG files can also be read transparently by the decoder library.
If the decoding application simply uses the library as defined above, it will receive a final decoded image without any indication that the file was progressive. Of course, this approach does not allow incremental display. To perform incremental display, an application needs to use the decoder library's "buffered-image" mode, in which it receives a decoded image multiple times.

Each displayed scan requires about as much work to decode as a full JPEG image of the same size, so the decoder must be fairly fast in relation to the data transmission rate in order to make incremental display useful. However, it is possible to skip displaying the image and simply add the incoming bits to the decoder's coefficient buffer. This is fast because only Huffman decoding need be done, not IDCT, upsampling, colorspace conversion, etc.

The IJG decoder library allows the application to switch dynamically between displaying the image and simply absorbing the incoming bits. A properly coded application can automatically adapt the number of display passes to suit the time available as the image is received. Also, a final higher-quality display cycle can be performed from the buffered data after the end of the file is reached.

Progressive compression:

To create a progressive JPEG file (or a multiple-scan sequential JPEG file), set the scan_info cinfo field to point to an array of scan descriptors, and perform compression as usual. Instead of constructing your own scan list, you can call the jpeg_simple_progression() helper routine to create a recommended progression sequence; this method should be used by all applications that don't want to get involved in the nitty-gritty of progressive scan sequence design. (If you want to provide user control of scan sequences, you may wish to borrow the scan script reading code found in rdswitch.c, so that you can read scan script files just like cjpeg's.) When scan_info is not NULL, the compression library will store DCT'd data into a buffer array as jpeg_write_scanlines() is called, and will emit all the requested scans during jpeg_finish_compress(). This implies that multiple-scan output cannot be created with a suspending data destination manager, since jpeg_finish_compress() does not support suspension. We should also note that the compressor currently forces Huffman optimization mode when creating a progressive JPEG file, because the default Huffman tables are unsuitable for progressive files.

Progressive decompression:

When buffered-image mode is not used, the decoder library will read all of a multi-scan file during jpeg_start_decompress(), so that it can provide a final decoded image. (Here "multi-scan" means either progressive or multi-scan sequential.) This makes multi-scan files transparent to the decoding application. However, existing applications that used suspending input with version 5 of the IJG library will need to be modified to check
for a suspension return from jpeg_start_decompress().

To perform incremental display, an application must use the library's buffered-image mode. This is described in the next section.

Buffered-image mode
---------------------

In buffered-image mode, the library stores the partially decoded image in a coefficient buffer, from which it can be read out as many times as desired. This mode is typically used for incremental display of progressive JPEG files, but it can be used with any JPEG file. Each scan of a progressive JPEG file adds more data (more detail) to the buffered image. The application can display in lockstep with the source file (one display pass per input scan), or it can allow input processing to outrun display processing. By making input and display processing run independently, it is possible for the application to adapt progressive display to a wide range of data transmission rates.

The basic control flow for buffered-image decoding is

jpeg_create_decompress()
set data source
jpeg_read_header()
set overall decompression parameters
cinfo.buffered_image = TRUE; /* select buffered-image mode */
jpeg_start_decompress()
for (each output pass) {
    adjust output decompression parameters if required
    jpeg_start_output(); /* start a new output pass */
    for (all scanlines in image) {
        jpeg_read_scanlines()
        display scanlines
    }
    jpeg_finish_output(); /* terminate output pass */
}
jpeg_finish_decompress()
jpeg_destroy_decompress()

This differs from ordinary unbuffered decoding in that there is an additional level of looping. The application can choose how many output passes to make and how to display each pass.

The simplest approach to displaying progressive images is to do one display pass for each scan appearing in the input file. In this case the outer loop condition is typically
while (! jpeg_input_complete(&cinfo))
and the start-output call should read

```
jpeg_start_output(&cinfo, cinfo.input_scan_number);
```

The second parameter to `jpeg_start_output()` indicates which scan of the input file is to be displayed; the scans are numbered starting at 1 for this purpose. (You can use a loop counter starting at 1 if you like, but using the library's input scan counter is easier.) The library automatically reads data as necessary to complete each requested scan, and `jpeg_finish_output()` advances to the next scan or end-of-image marker (hence `input_scan_number` will be incremented by the time control arrives back at `jpeg_start_output()`). With this technique, data is read from the input file only as needed, and input and output processing run in lockstep.

After reading the final scan and reaching the end of the input file, the buffered image remains available; it can be read additional times by repeating the `jpeg_start_output()/jpeg_read_scanlines()/jpeg_finish_output()` sequence. For example, a useful technique is to use fast one-pass color quantization for display passes made while the image is arriving, followed by a final display pass using two-pass quantization for highest quality. This is done by changing the library parameters before the final output pass. Changing parameters between passes is discussed in detail below.

In general the last scan of a progressive file cannot be recognized as such until after it is read, so a post-input display pass is the best approach if you want special processing in the final pass.

When done with the image, be sure to call `jpeg_finish_decompress()` to release the buffered image (or just use `jpeg_destroy_decompress()`).

If input data arrives faster than it can be displayed, the application can cause the library to decode input data in advance of what's needed to produce output. This is done by calling the routine `jpeg_consume_input()`. The return value is one of the following:

- **JPEG_REACHED_SOS**: reached an SOS marker (the start of a new scan)
- **JPEG_REACHED_EOI**: reached the EOI marker (end of image)
- **JPEG_ROW_COMPLETED**: completed reading one MCU row of compressed data
- **JPEG_SCAN_COMPLETED**: completed reading last MCU row of current scan
- **JPEG_SUSPENDED**: suspended before completing any of the above

(`JPEG_SUSPENDED` can occur only if a suspending data source is used.) This routine can be called at any time after initializing the JPEG object. It reads some additional data and returns when one of the indicated significant events occurs. (If called after the EOI marker is reached, it will immediately return **JPEG_REACHED_EOI** without attempting to read more data.)

The library's output processing will automatically call `jpeg_consume_input()` whenever the output processing overtakes the input; thus, simple lockstep display requires no direct calls to `jpeg_consume_input()`. But by adding calls to `jpeg_consume_input()`, you can absorb data in advance of what is being displayed. This has two benefits:
* You can limit buildup of unprocessed data in your input buffer.
* You can eliminate extra display passes by paying attention to the
  state of the library's input processing.

The first of these benefits only requires interspersing calls to
jpeg_consume_input() with your display operations and any other processing
you may be doing. To avoid wasting cycles due to backtracking, it's best to
call jpeg_consume_input() only after a hundred or so new bytes have arrived.
This is discussed further under "I/O suspension", above. (Note: the JPEG
library currently is not thread-safe. You must not call jpeg_consume_input()
from one thread of control if a different library routine is working on the
same JPEG object in another thread.)

When input arrives fast enough that more than one new scan is available
before you start a new output pass, you may as well skip the output pass
corresponding to the completed scan. This occurs for free if you pass
cinfo.input_scan_number as the target scan number to jpeg_start_output().
The input_scan_number field is simply the index of the scan currently being
consumed by the input processor. You can ensure that this is up-to-date by
emptying the input buffer just before calling jpeg_start_output(): call
jpeg_consume_input() repeatedly until it returns JPEG_SUSPENDED or
JPEG_REACHED_EOI.

The target scan number passed to jpeg_start_output() is saved in the
cinfo.output_scan_number field. The library's output processing calls
jpeg_consume_input() whenever the current input scan number and row within
that scan is less than or equal to the current output scan number and row.
Thus, input processing can "get ahead" of the output processing but is not
allowed to "fall behind". You can achieve several different effects by
manipulating this interlock rule. For example, if you pass a target scan
number greater than the current input scan number, the output processor will
wait until that scan starts to arrive before producing any output. (To avoid
an infinite loop, the target scan number is automatically reset to the last
scan number when the end of image is reached. Thus, if you specify a large
target scan number, the library will just absorb the entire input file and
then perform an output pass. This is effectively the same as what
jpeg_start_decompress() does when you don't select buffered-image mode.)
When you pass a target scan number equal to the current input scan number,
the image is displayed no faster than the current input scan arrives. The
final possibility is to pass a target scan number less than the current input
scan number; this disables the input/output interlock and causes the output
processor to simply display whatever it finds in the image buffer, without
waiting for input. (However, the library will not accept a target scan
number less than one, so you can't avoid waiting for the first scan.)

When data is arriving faster than the output display processing can advance
through the image, jpeg_consume_input() will store data into the buffered
image beyond the point at which the output processing is reading data out
again. If the input arrives fast enough, it may "wrap around" the buffer to the point where the input is more than one whole scan ahead of the output. If the output processing simply proceeds through its display pass without paying attention to the input, the effect seen on-screen is that the lower part of the image is one or more scans better in quality than the upper part. Then, when the next output scan is started, you have a choice of what target scan number to use. The recommended choice is to use the current input scan number at that time, which implies that you've skipped the output scans corresponding to the input scans that were completed while you processed the previous output scan. In this way, the decoder automatically adapts its speed to the arriving data, by skipping output scans as necessary to keep up with the arriving data.

When using this strategy, you'll want to be sure that you perform a final output pass after receiving all the data; otherwise your last display may not be full quality across the whole screen. So the right outer loop logic is something like this:

```c
for (;;) {
  absorb any waiting input by calling jpeg_consume_input()
  jpeg_start_output(&cinfo, cinfo.input_scan_number);
  ...
  jpeg_start_output(&cinfo, cinfo.input_scan_number);
  if (jpeg_input_complete(&cinfo) &&
      cinfo.input_scan_number == cinfo.output_scan_number)
    break;
}
```

In this case you don't need to know in advance whether an output pass is to be the last one, so it's not necessary to have reached EOF before starting the final output pass; rather, what you want to test is whether the output pass was performed in sync with the final input scan. This form of the loop will avoid an extra output pass whenever the decoder is able (or nearly able) to keep up with the incoming data.

When the data transmission speed is high, you might begin a display pass, then find that much or all of the file has arrived before you can complete the pass. (You can detect this by noting the JPEG_REACHED_EOI return code
from jpeg_consume_input(), or equivalently by testing jpeg_input_complete().
In this situation you may wish to abort the current display pass and start a
new one using the newly arrived information. To do so, just call
jpeg_finish_output() and then start a new pass with jpeg_start_output().

A variant strategy is to abort and restart display if more than one complete
scan arrives during an output pass; this can be detected by noting
JPEG_REACHED_SOS returns and/or examining cinfo.input_scan_number. This
idea should be employed with caution, however, since the display process
might never get to the bottom of the image before being aborted, resulting
in the lower part of the screen being several passes worse than the upper.
In most cases it's probably best to abort an output pass only if the whole
file has arrived and you want to begin the final output pass immediately.

When receiving data across a communication link, we recommend always using
the current input scan number for the output target scan number; if a
higher-quality final pass is to be done, it should be started (aborting any
incomplete output pass) as soon as the end of file is received. However,
many other strategies are possible. For example, the application can examine
the parameters of the current input scan and decide whether to display it or
not. If the scan contains only chroma data, one might choose not to use it
as the target scan, expecting that the scan will be small and will arrive
quickly. To skip to the next scan, call jpeg_consume_input() until it
returns JPEG_REACHED_SOS or JPEG_REACHED_EOI. Or just use the next higher
number as the target scan for jpeg_start_output(); but that method doesn't
let you inspect the next scan's parameters before deciding to display it.

In buffered-image mode, jpeg_start_decompress() never performs input and
thus never suspends. An application that uses input suspension with
buffered-image mode must be prepared for suspension returns from these
routines:
* jpeg_start_output() performs input only if you request 2-pass quantization
  and the target scan isn't fully read yet. (This is discussed below.)
* jpeg_read_scanlines(), as always, returns the number of scanlines that it
  was able to produce before suspending.
* jpeg_finish_output() will read any markers following the target scan,
  up to the end of the file or the SOS marker that begins another scan.
  (But it reads no input if jpeg_consume_input() has already reached
  the end of the file or a SOS marker beyond the target output scan.)
* jpeg_finish_decompress() will read until the end of file, and thus can
  suspend if the end hasn't already been reached (as can be tested by
calling jpeg_input_complete()).
jpeg_start_output(), jpeg_finish_output(), and jpeg_finish_decompress()
all return TRUE if they completed their tasks, FALSE if they had to suspend.
In the event of a FALSE return, the application must load more input data
and repeat the call. Applications that use non-suspending data sources need
not check the return values of these three routines.
It is possible to change decoding parameters between output passes in the buffered-image mode. The decoder library currently supports only very limited changes of parameters. ONLY THE FOLLOWING parameter changes are allowed after jpeg_start_decompress() is called:

* dct_method can be changed before each call to jpeg_start_output().
For example, one could use a fast DCT method for early scans, changing to a higher quality method for the final scan.

* dither_mode can be changed before each call to jpeg_start_output();
of course this has no impact if not using color quantization. Typically one would use ordered dither for initial passes, then switch to Floyd-Steinberg dither for the final pass. Caution: changing dither mode can cause more memory to be allocated by the library. Although the amount of memory involved is not large (a scanline or so), it may cause the initial max_memory_to_use specification to be exceeded, which in the worst case would result in an out-of-memory failure.

* do_block_smoothing can be changed before each call to jpeg_start_output().
This setting is relevant only when decoding a progressive JPEG image.
During the first DC-only scan, block smoothing provides a very "fuzzy" look instead of the very "blocky" look seen without it; which is better seems a matter of personal taste. But block smoothing is nearly always a win during later stages, especially when decoding a successive-approximation image: smoothing helps to hide the slight blockiness that otherwise shows up on smooth gradients until the lowest coefficient bits are sent.

* Color quantization mode can be changed under the rules described below.
You *cannot* change between full-color and quantized output (because that would alter the required I/O buffer sizes), but you can change which quantization method is used.

When generating color-quantized output, changing quantization method is a very useful way of switching between high-speed and high-quality display. The library allows you to change among its three quantization methods:

1. Single-pass quantization to a fixed color cube.
   Selected by cinfo.two_pass_quantize = FALSE and cinfo.colormap = NULL.
2. Single-pass quantization to an application-supplied colormap.
   Selected by setting cinfo.colormap to point to the colormap (the value of two_pass_quantize is ignored); also set cinfo.actual_number_of_colors.
3. Two-pass quantization to a colormap chosen specifically for the image.
   Selected by cinfo.two_pass_quantize = TRUE and cinfo.colormap = NULL.
   (This is the default setting selected by jpeg_read_header, but it is probably NOT what you want for the first pass of progressive display!)
These methods offer successively better quality and lesser speed. However, only the first method is available for quantizing in non-RGB color spaces.

IMPORTANT: because the different quantizer methods have very different working-storage requirements, the library requires you to indicate which one(s) you intend to use before you call jpeg_start_decompress(). (If we did
not require this, the max_memory_to_use setting would be a complete fiction.)
You do this by setting one or more of these three cinfo fields to TRUE:

- enable_1pass_quant
- enable_external_quant
- enable_2pass_quant

All three are initialized FALSE by jpeg_read_header(). But jpeg_start_decompress() automatically sets TRUE the one selected by the current two_pass_quantize and colormap settings, so you only need to set the enable flags for any other quantization methods you plan to change to later.

After setting the enable flags correctly at jpeg_start_decompress() time, you can change to any enabled quantization method by setting two_pass_quantize and colormap properly just before calling jpeg_start_output(). The following special rules apply:

1. You must explicitly set cinfo.colormap to NULL when switching to 1-pass or 2-pass mode from a different mode, or when you want the 2-pass quantizer to be re-run to generate a new colormap.
2. To switch to an external colormap, or to change to a different external colormap than was used on the prior pass, you must call jpeg_new_colormap() after setting cinfo.colormap.

NOTE: if you want to use the same colormap as was used in the prior pass, you should not do either of these things. This will save some nontrivial switchover costs.

(These requirements exist because cinfo.colormap will always be non-NULL after completing a prior output pass, since both the 1-pass and 2-pass quantizers set it to point to their output colormaps. Thus you have to do one of these two things to notify the library that something has changed. Yup, it's a bit klugy, but it's necessary to do it this way for backwards compatibility.)

Note that in buffered-image mode, the library generates any requested colormap during jpeg_start_output(), not during jpeg_start_decompress().

When using two-pass quantization, jpeg_start_output() makes a pass over the buffered image to determine the optimum color map; it therefore may take a significant amount of time, whereas ordinarily it does little work. The progress monitor hook is called during this pass, if defined. It is also important to realize that if the specified target scan number is greater than or equal to the current input scan number, jpeg_start_output() will attempt to consume input as it makes this pass. If you use a suspending data source, you need to check for a FALSE return from jpeg_start_output() under these conditions. The combination of 2-pass quantization and a not-yet-fully-read target scan is the only case in which jpeg_start_output() will consume input.

Application authors who support buffered-image mode may be tempted to use it for all JPEG images, even single-scan ones. This will work, but it is inefficient: there is no need to create an image-sized coefficient buffer for
single-scan images. Requesting buffered-image mode for such an image wastes memory. Worse, it can cost time on large images, since the buffered data has to be swapped out or written to a temporary file. If you are concerned about maximum performance on baseline JPEG files, you should use buffered-image mode only when the incoming file actually has multiple scans. This can be tested by calling jpeg_has_multiple_scans(), which will return a correct result at any time after jpeg_read_header() completes.

It is also worth noting that when you use jpeg_consume_input() to let input processing get ahead of output processing, the resulting pattern of access to the coefficient buffer is quite nonsequential. It's best to use the memory manager jmemnobs.c if you can (ie, if you have enough real or virtual main memory). If not, at least make sure that max_memory_to_use is set as high as possible. If the JPEG memory manager has to use a temporary file, you will probably see a lot of disk traffic and poor performance. (This could be improved with additional work on the memory manager, but we haven't gotten around to it yet.)

In some applications it may be convenient to use jpeg_consume_input() for all input processing, including reading the initial markers; that is, you may wish to call jpeg_consume_input() instead of jpeg_read_header() during startup. This works, but note that you must check for JPEG_REACHED_SOS and JPEG_REACHED_EOI return codes as the equivalent of jpeg_read_header's codes. Once the first SOS marker has been reached, you must call jpeg_start_decompress() before jpeg_consume_input() will consume more input; it'll just keep returning JPEG_REACHED_SOS until you do. If you read a tables-only file this way, jpeg_consume_input() will return JPEG_REACHED_EOI without ever returning JPEG_REACHED_SOS; be sure to check for this case. If this happens, the decompressor will not read any more input until you call jpeg_abort() to reset it. It is OK to call jpeg_consume_input() even when not using buffered-image mode, but in that case it's basically a no-op after the initial markers have been read: it will just return JPEG_SUSPENDED.

Abbreviated datastreams and multiple images

-----------------------------------------------

A JPEG compression or decompression object can be reused to process multiple images. This saves a small amount of time per image by eliminating the "create" and "destroy" operations, but that isn't the real purpose of the feature. Rather, reuse of an object provides support for abbreviated JPEG datastreams. Object reuse can also simplify processing a series of images in a single input or output file. This section explains these features.

A JPEG file normally contains several hundred bytes worth of quantization and Huffman tables. In a situation where many images will be stored or transmitted with identical tables, this may represent an annoying overhead. The JPEG standard therefore permits tables to be omitted. The standard
defines three classes of JPEG datastreams:
* "Interchange" datastreams contain an image and all tables needed to decode the image. These are the usual kind of JPEG file.
* "Abbreviated image" datastreams contain an image, but are missing some or all of the tables needed to decode that image.
* "Abbreviated table specification" (henceforth "tables-only") datastreams contain only table specifications.

To decode an abbreviated image, it is necessary to load the missing table(s) into the decoder beforehand. This can be accomplished by reading a separate tables-only file. A variant scheme uses a series of images in which the first image is an interchange (complete) datastream, while subsequent ones are abbreviated and rely on the tables loaded by the first image. It is assumed that once the decoder has read a table, it will remember that table until a new definition for the same table number is encountered.

It is the application designer's responsibility to figure out how to associate the correct tables with an abbreviated image. While abbreviated datastreams can be useful in a closed environment, their use is strongly discouraged in any situation where data exchange with other applications might be needed. Caveat designer.

The JPEG library provides support for reading and writing any combination of tables-only datastreams and abbreviated images. In both compression and decompression objects, a quantization or Huffman table will be retained for the lifetime of the object, unless it is overwritten by a new table definition.

To create abbreviated image datastreams, it is only necessary to tell the compressor not to emit some or all of the tables it is using. Each quantization and Huffman table struct contains a boolean field "sent_table", which normally is initialized to FALSE. For each table used by the image, the header-writing process emits the table and sets sent_table = TRUE unless it is already TRUE. (In normal usage, this prevents outputting the same table definition multiple times, as would otherwise occur because the chroma components typically share tables.) Thus, setting this field to TRUE before calling jpeg_start_compress() will prevent the table from being written at all.

If you want to create a "pure" abbreviated image file containing no tables, just call "jpeg_supresss_tables(&cinfo, TRUE)" after constructing all the tables. If you want to emit some but not all tables, you'll need to set the individual sent_table fields directly.

To create an abbreviated image, you must also call jpeg_start_compress() with a second parameter of FALSE, not TRUE. Otherwise jpeg_start_compress() will force all the sent_table fields to FALSE. (This is a safety feature to prevent abbreviated images from being created accidentally.)
To create a tables-only file, perform the same parameter setup that you
normally would, but instead of calling jpeg_start_compress() and so on, call
jpeg_write_tables(&cinfo). This will write an abbreviated datastream
containing only SOI, DQT and/or DHT markers, and EOI. All the quantization
and Huffman tables that are currently defined in the compression object will
be emitted unless their sent_tables flag is already TRUE, and then all the
sent_tables flags will be set TRUE.

A sure-fire way to create matching tables-only and abbreviated image files
is to proceed as follows:

create JPEG compression object
set JPEG parameters
set destination to tables-only file
jpeg_write_tables(&cinfo);
set destination to image file
jpeg_start_compress(&cinfo, FALSE);
write data...
jpeg_finish_compress(&cinfo);

Since the JPEG parameters are not altered between writing the table file and
the abbreviated image file, the same tables are sure to be used. Of course,
you can repeat the jpeg_start_compress() ... jpeg_finish_compress() sequence
many times to produce many abbreviated image files matching the table file.

You cannot suppress output of the computed Huffman tables when Huffman
optimization is selected. (If you could, there'd be no way to decode the
image...) Generally, you don't want to set optimize_coding = TRUE when
you are trying to produce abbreviated files.

In some cases you might want to compress an image using tables which are
not stored in the application, but are defined in an interchange or
tables-only file readable by the application. This can be done by setting up
a JPEG decompression object to read the specification file, then copying the
tables into your compression object. See jpeg_copy_critical_parameters()
for an example of copying quantization tables.

To read abbreviated image files, you simply need to load the proper tables
into the decompression object before trying to read the abbreviated image.
If the proper tables are stored in the application program, you can just
allocate the table structs and fill in their contents directly. For example,
to load a fixed quantization table into table slot "n":

if (cinfo.quant_tbl_ptr[n] == NULL)
cinfo.quant_tbl_ptr[n] = jpeg_alloc_quant_table((j_common_ptr) &cinfo);
quant_ptr = cinfo.quant_tbl_ptr[n];/* quant_ptr is JQUANT_TBL */
for (i = 0; i < 64; i++) {
/* Qtable[] is desired quantization table, in natural array order */
quant_ptr->quantval[i] = Qtable[i];
}

Code to load a fixed Huffman table is typically (for AC table "n"):

if (cinfo.ac_huff_tbl_ptrs[n] == NULL)
cinfo.ac_huff_tbl_ptrs[n] = jpeg_alloc_huff_table((j_common_ptr) &cinfo);
huff_ptr = cinfo.ac_huff_tbl_ptrs[n];/* huff_ptr is JHUFF_TBL */
for (i = 1; i <= 16; i++) {
    /* counts[i] is number of Huffman codes of length i bits, i=1..16 */
huff_ptr->bits[i] = counts[i];
}
for (i = 0; i < 256; i++) {
    /* symbols[] is the list of Huffman symbols, in code-length order */
huff_ptr->huffval[i] = symbols[i];
}

(Note that trying to set cinfo.quant_tbl_ptrs[n] to point directly at a constant JQUANT_TBL object is not safe. If the incoming file happened to contain a quantization table definition, your master table would get overwritten! Instead allocate a working table copy and copy the master table into it, as illustrated above. Ditto for Huffman tables, of course.)

You might want to read the tables from a tables-only file, rather than hard-wiring them into your application. The jpeg_read_header() call is sufficient to read a tables-only file. You must pass a second parameter of FALSE to indicate that you do not require an image to be present. Thus, the typical scenario is

create JPEG decompression object
set source to tables-only file
jpeg_read_header(&cinfo, FALSE);
set source to abbreviated image file
jpeg_read_header(&cinfo, TRUE);
set decomposition parameters
jpeg_start_decompress(&cinfo);
read data...
jpeg_finish_decompress(&cinfo);

In some cases, you may want to read a file without knowing whether it contains an image or just tables. In that case, pass FALSE and check the return value from jpeg_read_header(): it will be JPEG_HEADER_OK if an image was found, JPEG_HEADER_TABLES_ONLY if only tables were found. (A third return value, JPEG_SUSPENDED, is possible when using a suspending data source manager.) Note that jpeg_read_header() will not complain if you read an abbreviated image for which you haven't loaded the missing tables; the missing-table check occurs later, in jpeg_start_decompress().
It is possible to read a series of images from a single source file by repeating the `jpeg_read_header()` ... `jpeg_finish_decompress()` sequence, without releasing/recreating the JPEG object or the data source module. (If you did reinitialize, any partial buffer load left in the data source buffer at the end of one image would be discarded, causing you to lose the start of the next image.) When you use this method, stored tables are automatically carried forward, so some of the images can be abbreviated images that depend on tables from earlier images.

If you intend to write a series of images into a single destination file, you might want to make a specialized data destination module that doesn’t flush the output buffer at `term_destination()` time. This would speed things up by some trifling amount. Of course, you’d need to remember to flush the buffer after the last image. You can make the later images be abbreviated ones by passing `FALSE` to `jpeg_start_compress()`.

Special markers
---------------

Some applications may need to insert or extract special data in the JPEG data stream. The JPEG standard provides marker types "COM" (comment) and "APP0" through "APP15" (application) to hold application-specific data. Unfortunately, the use of these markers is not specified by the standard. COM markers are fairly widely used to hold user-supplied text. The JFIF file format spec uses APP0 markers with specified initial strings to hold certain data. Adobe applications use APP14 markers beginning with the string "Adobe" for miscellaneous data. Other APPn markers are rarely seen, but might contain almost anything.

If you wish to store user-supplied text, we recommend you use COM markers and place readable 7-bit ASCII text in them. Newline conventions are not standardized --- expect to find LF (Unix style), CR/LF (DOS style), or CR (Mac style). A robust COM reader should be able to cope with random binary garbage, including nulls, since some applications generate COM markers containing non-ASCII junk. (But yours should not be one of them.)

For program-supplied data, use an APPn marker, and be sure to begin it with an identifying string so that you can tell whether the marker is actually yours. It’s probably best to avoid using APP0 or APP14 for any private markers. (NOTE: the upcoming SPIFF standard will use APP8 markers; we recommend you not use APP8 markers for any private purposes, either.)

Keep in mind that at most 65533 bytes can be put into one marker, but you can have as many markers as you like.
By default, the IJG compression library will write a JFIF APP0 marker if the selected JPEG colorspace is grayscale or YCbCr, or an Adobe APP14 marker if the selected colorspace is RGB, CMYK, or YCCK. You can disable this, but we don't recommend it. The decompression library will recognize JFIF and Adobe markers and will set the JPEG colorspace properly when one is found.

You can write special markers immediately following the datastream header by calling jpeg_write_marker() after jpeg_start_compress() and before the first call to jpeg_write_scanlines(). When you do this, the markers appear after the SOI and the JFIF APP0 and Adobe APP14 markers (if written), but before all else. Specify the marker type parameter as "JPEG_COM" for COM or "JPEG_APP0 + n" for APPn. (Actually, jpeg_write_marker will let you write any marker type, but we don't recommend writing any other kinds of marker.) For example, to write a user comment string pointed to by comment_text:

```
jpeg_write_marker(cinfo, JPEG_COM, comment_text, strlen(comment_text));
```

If it's not convenient to store all the marker data in memory at once, you can instead call jpeg_write_m_header() followed by multiple calls to jpeg_write_m_byte(). If you do it this way, it's your responsibility to call jpeg_write_m_byte() exactly the number of times given in the length parameter to jpeg_write_m_header(). (This method lets you empty the output buffer partway through a marker, which might be important when using a suspending data destination module. In any case, if you are using a suspending destination, you should flush its buffer after inserting any special markers. See "I/O suspension").

Or, if you prefer to synthesize the marker byte sequence yourself, you can just cram it straight into the data destination module.

If you are writing JFIF 1.02 extension markers (thumbnail images), don't forget to set cinfo.JFIF_minor_version = 2 so that the encoder will write the correct JFIF version number in the JFIF header marker. The library's default is to write version 1.01, but that's wrong if you insert any 1.02 extension markers. (We could probably get away with just defaulting to 1.02, but there used to be broken decoders that would complain about unknown minor version numbers. To reduce compatibility risks it's safest not to write 1.02 unless you are actually using 1.02 extensions.)

When reading, two methods of handling special markers are available:
1. You can ask the library to save the contents of COM and/or APPn markers into memory, and then examine them at your leisure afterwards.
2. You can supply your own routine to process COM and/or APPn markers on-the-fly as they are read.

The first method is simpler to use, especially if you are using a suspending data source; writing a marker processor that copes with input suspension is not easy (consider what happens if the marker is longer than your available
input buffer). However, the second method conserves memory since the marker data need not be kept around after it's been processed.

For either method, you'd normally set up marker handling after creating a decompression object and before calling jpeg_read_header(), because the markers of interest will typically be near the head of the file and so will be scanned by jpeg_read_header. Once you've established a marker handling method, it will be used for the life of that decompression object (potentially many datastreams), unless you change it. Marker handling is determined separately for COM markers and for each APPn marker code.

To save the contents of special markers in memory, call

\[
\text{jpeg_save_markers} (\text{cinfo, marker\_code, length\_limit})
\]

where marker\_code is the marker type to save, JPEG_COM or JPEG_APP0+n. (To arrange to save all the special marker types, you need to call this routine 17 times, for COM and APP0-APP15.) If the incoming marker is longer than length\_limit data bytes, only length\_limit bytes will be saved; this parameter allows you to avoid chewing up memory when you only need to see the first few bytes of a potentially large marker. If you want to save all the data, set length\_limit to 0xFFFF; that is enough since marker lengths are only 16 bits. As a special case, setting length\_limit to 0 prevents that marker type from being saved at all. (That is the default behavior, in fact.)

After jpeg_read_header() completes, you can examine the special markers by following the cinfo->marker_list pointer chain. All the special markers in the file appear in this list, in order of their occurrence in the file (but omitting any markers of types you didn't ask for). Both the original data length and the saved data length are recorded for each list entry; the latter will not exceed length\_limit for the particular marker type. Note that these lengths exclude the marker length word, whereas the stored representation within the JPEG file includes it. (Hence the maximum data length is really only 65533.)

It is possible that additional special markers appear in the file beyond the SOS marker at which jpeg_read_header stops; if so, the marker list will be extended during reading of the rest of the file. This is not expected to be common, however. If you are short on memory you may want to reset the length limit to zero for all marker types after finishing jpeg_read_header, to ensure that the max_memory_to_use setting cannot be exceeded due to addition of later markers.

The marker list remains stored until you call jpeg_finish_decompress or jpeg_abort, at which point the memory is freed and the list is set to empty. (jpeg_destroy also releases the storage, of course.)

Note that the library is internally interested in APP0 and APP14 markers; if you try to set a small nonzero length limit on these types, the library...
will silently force the length up to the minimum it wants. (But you can set a zero length limit to prevent them from being saved at all.) Also, in a 16-bit environment, the maximum length limit may be constrained to less than 65533 by malloc() limitations. It is therefore best not to assume that the effective length limit is exactly what you set it to be.

If you want to supply your own marker-reading routine, you do it by calling jpeg_set_marker_processor(). A marker processor routine must have the signature

`boolean jpeg_marker_parser_method (j_decompress_ptr cinfo)`

Although the marker code is not explicitly passed, the routine can find it in `cinfo->unread_marker`. At the time of call, the marker proper has been read from the data source module. The processor routine is responsible for reading the marker length word and the remaining parameter bytes, if any. Return TRUE to indicate success. (FALSE should be returned only if you are using a suspending data source and it tells you to suspend. See the standard marker processors in jdmarker.c for appropriate coding methods if you need to use a suspending data source.)

If you override the default APP0 or APP14 processors, it is up to you to recognize JFIF and Adobe markers if you want colorspace recognition to occur properly. We recommend copying and extending the default processors if you want to do that. (A better idea is to save these marker types for later examination by calling jpeg_save_markers(); that method doesn't interfere with the library's own processing of these markers.)

`jpeg_set_marker_processor()` and `jpeg_save_markers()` are mutually exclusive --- if you call one it overrides any previous call to the other, for the particular marker type specified.

A simple example of an external COM processor can be found in djpeg.c. Also, see jpegtran.c for an example of using jpeg_save_markers.

Raw (downsampled) image data
----------------------------

Some applications need to supply already-downsampled image data to the JPEG compressor, or to receive raw downsampled data from the decompressor. The library supports this requirement by allowing the application to write or read raw data, bypassing the normal preprocessing or postprocessing steps. The interface is different from the standard one and is somewhat harder to use. If your interest is merely in bypassing color conversion, we recommend that you use the standard interface and simply set `jpeg_color_space = in_color_space` (or `jpeg_color_space = out_color_space` for decompression). The mechanism described in this section is necessary only to supply or receive downsampled image data, in which not all components have the same
To compress raw data, you must supply the data in the colorspace to be used in the JPEG file (please read the earlier section on Special color spaces) and downsampled to the sampling factors specified in the JPEG parameters. You must supply the data in the format used internally by the JPEG library, namely a JSAMPIMAGE array. This is an array of pointers to two-dimensional arrays, each of type JSAMPARRAY. Each 2-D array holds the values for one color component. This structure is necessary since the components are of different sizes. If the image dimensions are not a multiple of the MCU size, you must also pad the data correctly (usually, this is done by replicating the last column and/or row). The data must be padded to a multiple of a DCT block in each component: that is, each downsampled row must contain a multiple of block_size valid samples, and there must be a multiple of block_size sample rows for each component. (For applications such as conversion of digital TV images, the standard image size is usually a multiple of the DCT block size, so that no padding need actually be done.)

The procedure for compression of raw data is basically the same as normal compression, except that you call jpeg_write_raw_data() in place of jpeg_write_scanlines(). Before calling jpeg_start_compress(), you must do the following:

* Set cinfo->raw_data_in to TRUE. (It is set FALSE by jpeg_set_defaults().) This notifies the library that you will be supplying raw data.
Furthermore, set cinfo->do_fancy_downsampling to FALSE if you want to use real downsampled data. (It is set TRUE by jpeg_set_defaults().)
* Ensure jpeg_color_space is correct --- an explicit jpeg_set_colorspace() call is a good idea. Note that since color conversion is bypassed, in_color_space is ignored, except that jpeg_set_defaults() uses it to choose the default jpeg_color_space setting.
* Ensure the sampling factors, cinfo->comp_info[i].h_samp_factor and cinfo->comp_info[i].v_samp_factor, are correct. Since these indicate the dimensions of the data you are supplying, it's wise to set them explicitly, rather than assuming the library's defaults are what you want.

To pass raw data to the library, call jpeg_write_raw_data() in place of jpeg_write_scanlines(). The two routines work similarly except that jpeg_write_raw_data takes a JSAMPIMAGE data array rather than JSAMPARRAY. The scanlines count passed to and returned from jpeg_write_raw_data is measured in terms of the component with the largest v_samp_factor.

jpeg_write_raw_data() processes one MCU row per call, which is to say v_samp_factor*block_size sample rows of each component. The passed num_lines value must be at least max_v_samp_factor*block_size, and the return value will be exactly that amount (or possibly some multiple of that amount, in future library versions). This is true even on the last call at the bottom of the image; don't forget to pad your data as necessary.
The required dimensions of the supplied data can be computed for each component as

cinfo->comp_info[i].width_in_blocks*block_size samples per row
cinfo->comp_info[i].height_in_blocks*block_size rows in image

after jpeg_start_compress() has initialized those fields. If the valid data is smaller than this, it must be padded appropriately. For some sampling factors and image sizes, additional dummy DCT blocks are inserted to make the image a multiple of the MCU dimensions. The library creates such dummy blocks itself; it does not read them from your supplied data. Therefore you need never pad by more than block_size samples. An example may help here.

Assume 2h2v downsampling of YCbCr data, that is
cinfo->comp_info[0].h_samp_factor = 2 for Y
cinfo->comp_info[0].v_samp_factor = 2

cinfo->comp_info[1].h_samp_factor = 1 for Cb
cinfo->comp_info[1].v_samp_factor = 1

cinfo->comp_info[2].h_samp_factor = 1 for Cr
cinfo->comp_info[2].v_samp_factor = 1

and suppose that the nominal image dimensions (cinfo->image_width and cinfo->image_height) are 101x101 pixels. Then jpeg_start_compress() will compute downsampled_width = 101 and width_in_blocks = 13 for Y, downsampled_width = 51 and width_in_blocks = 7 for Cb and Cr (and the same for the height fields). You must pad the Y data to at least 13*8 = 104 columns and rows, the Cb/Cr data to at least 7*8 = 56 columns and rows. The MCU height is max_v_samp_factor = 2 DCT rows so you must pass at least 16 scanlines on each call to jpeg_write_raw_data(), which is to say 16 actual sample rows of Y and 8 each of Cb and Cr. A total of 7 MCU rows are needed, so you must pass a total of 7*16 = 112 "scanlines". The last DCT block row of Y data is dummy, so it doesn't matter what you pass for it in the data arrays, but the scanlines count must total up to 112 so that all of the Cb and Cr data gets passed.

Output suspension is supported with raw-data compression: if the data destination module suspends, jpeg_write_raw_data() will return 0. In this case the same data rows must be passed again on the next call.

Decompression with raw data output implies bypassing all postprocessing. You must deal with the color space and sampling factors present in the incoming file. If your application only handles, say, 2h1v YCbCr data, you must check for and fail on other color spaces or other sampling factors. The library will not convert to a different color space for you.

To obtain raw data output, set cinfo->raw_data_out = TRUE before jpeg_start_decompress() (it is set FALSE by jpeg_read_header()). Be sure to verify that the color space and sampling factors are ones you can handle. Furthermore, set cinfo->do_fancy_upsampling = FALSE if you want to get real downsampled data (it is set TRUE by jpeg_read_header()).
Then call `jpeg_read_raw_data()` in place of `jpeg_read_scanlines()`. The decompression process is otherwise the same as usual.

`jpeg_read_raw_data()` returns one MCU row per call, and thus you must pass a buffer of at least `max_v_samp_factor*block_size` scanlines (scanline counting is the same as for raw-data compression). The buffer you pass must be large enough to hold the actual data plus padding to DCT-block boundaries. As with compression, any entirely dummy DCT blocks are not processed so you need not allocate space for them, but the total scanline count includes them. The above example of computing buffer dimensions for raw-data compression is equally valid for decompression.

Input suspension is supported with raw-data decompression: if the data source module suspends, `jpeg_read_raw_data()` will return 0. You can also use buffered-image mode to read raw data in multiple passes.

Really raw data: DCT coefficients

It is possible to read or write the contents of a JPEG file as raw DCT coefficients. This facility is mainly intended for use in lossless transcoding between different JPEG file formats. Other possible applications include lossless cropping of a JPEG image, lossless reassembly of a multi-strip or multi-tile TIFF/JPEG file into a single JPEG datastream, etc.

To read the contents of a JPEG file as DCT coefficients, open the file and do `jpeg_read_header()` as usual. But instead of calling `jpeg_start_decompress()` and `jpeg_read_scanlines()`, call `jpeg_read_coefficients()`. This will read the entire image into a set of virtual coefficient-block arrays, one array per component. The return value is a pointer to an array of virtual-array descriptors. Each virtual array can be accessed directly using the JPEG memory manager's `access_virt_barray` method (see Memory management, below, and also read `structure.txt`'s discussion of virtual array handling). Or, for simple transcoding to a different JPEG file format, the array list can just be handed directly to `jpeg_write_coefficients()`.

Each block in the block arrays contains quantized coefficient values in normal array order (not JPEG zigzag order). The block arrays contain only DCT blocks containing real data; any entirely-dummy blocks added to fill out interleaved MCUs at the right or bottom edges of the image are discarded during reading and are not stored in the block arrays. (The size of each block array can be determined from the `width_in_blocks` and `height_in_blocks` fields of the component's `comp_info` entry.) This is also the data format expected by `jpeg_write_coefficients()`.

When you are done using the virtual arrays, call `jpeg_finish_decompress()` to release the array storage and return the decompression object to an idle...
state; or just call jpeg_destroy() if you don't need to reuse the object.

If you use a suspending data source, jpeg_read_coefficients() will return
NULL if it is forced to suspend; a non-NULL return value indicates successful
completion. You need not test for a NULL return value when using a
non-suspending data source.

It is also possible to call jpeg_read_coefficients() to obtain access to the
decoder's coefficient arrays during a normal decode cycle in buffered-image
mode. This frammish might be useful for progressively displaying an incoming
image and then re-encoding it without loss. To do this, decode in buffered-
image mode as discussed previously, then call jpeg_read_coefficients() after
the last jpeg_finish_output() call. The arrays will be available for your use
until you call jpeg_finish_decompress().

To write the contents of a JPEG file as DCT coefficients, you must provide
the DCT coefficients stored in virtual block arrays. You can either pass
block arrays read from an input JPEG file by jpeg_read_coefficients(), or
allocate virtual arrays from the JPEG compression object and fill them
yourself. In either case, jpeg_write_coefficients() is substituted for
jpeg_start_compress() and jpeg_write_scanlines(). Thus the sequence is

* Create compression object
* Set all compression parameters as necessary
* Request virtual arrays if needed
* jpeg_write_coefficients()
* jpeg_finish_compress()
* Destroy or re-use compression object

jpeg_write_coefficients() is passed a pointer to an array of virtual block
array descriptors; the number of arrays is equal to cinfo.num_components.

The virtual arrays need only have been requested, not realized, before
jpeg_write_coefficients() is called. A side-effect of
jpeg_write_coefficients() is to realize any virtual arrays that have been
requested from the compression object's memory manager. Thus, when obtaining
the virtual arrays from the compression object, you should fill the arrays
after calling jpeg_write_coefficients(). The data is actually written out
when you call jpeg_finish_compress(); jpeg_write_coefficients() only writes
the file header.

When writing raw DCT coefficients, it is crucial that the JPEG quantization
tables and sampling factors match the way the data was encoded, or the
resulting file will be invalid. For transcoding from an existing JPEG file,
we recommend using jpeg_copy_critical_parameters(). This routine initializes
all the compression parameters to default values (like jpeg_set_defaults()),
then copies the critical information from a source decompression object.
The decompression object should have just been used to read the entire
JPEG input file --- that is, it should be awaiting jpeg_finish_decompress().
jpeg_write_coefficients() marks all tables stored in the compression object as needing to be written to the output file (thus, it acts like jpeg_start_compress(cinfo, TRUE)). This is for safety’s sake, to avoid emitting abbreviated JPEG files by accident. If you really want to emit an abbreviated JPEG file, call jpeg_suppress_tables(), or set the tables’ individual sent_table flags, between calling jpeg_write_coefficients() and jpeg_finish_compress().

Progress monitoring

Some applications may need to regain control from the JPEG library every so often. The typical use of this feature is to produce a percent-done bar or other progress display. (For a simple example, see cjpeg.c or djpeg.c.) Although you do get control back frequently during the data-transferring pass (the jpeg_read_scanlines or jpeg_write_scanlines loop), any additional passes will occur inside jpeg_finish_compress or jpeg_start_decompress; those routines may take a long time to execute, and you don’t get control back until they are done.

You can define a progress-monitor routine which will be called periodically by the library. No guarantees are made about how often this call will occur, so we don’t recommend you use it for mouse tracking or anything like that. At present, a call will occur once per MCU row, scanline, or sample row group, whichever unit is convenient for the current processing mode; so the wider the image, the longer the time between calls. During the data transferring pass, only one call occurs per call of jpeg_read_scanlines or jpeg_write_scanlines, so don’t pass a large number of scanlines at once if you want fine resolution in the progress count. (If you really need to use the callback mechanism for time-critical tasks like mouse tracking, you could insert additional calls inside some of the library’s inner loops.)

To establish a progress-monitor callback, create a struct jpeg_progress_mgr, fill in its progress_monitor field with a pointer to your callback routine, and set cinfo->progress to point to the struct. The callback will be called whenever cinfo->progress is non-NULL. (This pointer is set to NULL by jpeg_create_compress or jpeg_create_decompress; the library will not change it thereafter. So if you allocate dynamic storage for the progress struct, make sure it will live as long as the JPEG object does. Allocating from the JPEG memory manager with lifetime JPOOL_PERMANENT will work nicely.) You can use the same callback routine for both compression and decompression.

The jpeg_progress_mgr struct contains four fields which are set by the library:
long pass_counter;/* work units completed in this pass */
long pass_limit;/* total number of work units in this pass */
int completed_passes;/* passes completed so far */
int total_passes;/* total number of passes expected */

During any one pass, pass_counter increases from 0 up to (not including) pass_limit; the step size is usually but not necessarily 1. The pass_limit value may change from one pass to another. The expected total number of passes is in total_passes, and the number of passes already completed is in completed_passes. Thus the fraction of work completed may be estimated as completed_passes + (pass_counter/pass_limit) -------------------------------------------- total_passes ignoring the fact that the passes may not be equal amounts of work.

When decompressing, pass_limit can even change within a pass, because it depends on the number of scans in the JPEG file, which isn't always known in advance. The computed fraction-of-work-done may jump suddenly (if the library discovers it has overestimated the number of scans) or even decrease (in the opposite case). It is not wise to put great faith in the work estimate.

When using the decompressor's buffered-image mode, the progress monitor work estimate is likely to be completely unhelpful, because the library has no way to know how many output passes will be demanded of it. Currently, the library sets total_passes based on the assumption that there will be one more output pass if the input file end hasn't yet been read (jpeg_input_complete() isn't TRUE), but no more output passes if the file end has been reached when the output pass is started. This means that total_passes will rise as additional output passes are requested. If you have a way of determining the input file size, estimating progress based on the fraction of the file that's been read will probably be more useful than using the library's value.

Memory management
----------

This section covers some key facts about the JPEG library's built-in memory manager. For more info, please read structure.txt's section about the memory manager, and consult the source code if necessary.

All memory and temporary file allocation within the library is done via the memory manager. If necessary, you can replace the "back end" of the memory manager to control allocation yourself (for example, if you don't want the library to use malloc() and free() for some reason).

Some data is allocated "permanently" and will not be freed until the JPEG object is destroyed. Most data is allocated "per image" and is freed by jpeg_finish_compress, jpeg_finish_decompress, or jpeg_abort. You can call the memory manager yourself to allocate structures that will automatically be freed at these times. Typical code for this is

ptr = (*cinfo->mem->alloc_small) ((j_common_ptr) cinfo, JPOOL_IMAGE, size);

Use JPOOL_PERMANENT to get storage that lasts as long as the JPEG object.
Use alloc_large instead of alloc_small for anything bigger than a few Kbytes. There are also alloc_sarray and alloc_barray routines that automatically build 2-D sample or block arrays.

The library’s minimum space requirements to process an image depend on the image's width, but not on its height, because the library ordinarily works with “strip” buffers that are as wide as the image but just a few rows high. Some operating modes (eg, two-pass color quantization) require full-image buffers. Such buffers are treated as "virtual arrays": only the current strip need be in memory, and the rest can be swapped out to a temporary file.

If you use the simplest memory manager back end (jmemnobs.c), then no temporary files are used; virtual arrays are simply malloc()'d. Images bigger than memory can be processed only if your system supports virtual memory. The other memory manager back ends support temporary files of various flavors and thus work in machines without virtual memory. They may also be useful on Unix machines if you need to process images that exceed available swap space.

When using temporary files, the library will make the in-memory buffers for its virtual arrays just big enough to stay within a "maximum memory" setting. Your application can set this limit by setting cinfo->mem->max_memory_to_use after creating the JPEG object. (Of course, there is still a minimum size for the buffers, so the max-memory setting is effective only if it is bigger than the minimum space needed.) If you allocate any large structures yourself, you must allocate them before jpeg_start_compress() or jpeg_start_decompress() in order to have them counted against the max memory limit. Also keep in mind that space allocated with alloc_small() is ignored, on the assumption that it's too small to be worth worrying about; so a reasonable safety margin should be left when setting max_memory_to_use.

If you use the jmemname.c or jmemdos.c memory manager back end, it is important to clean up the JPEG object properly to ensure that the temporary files get deleted. (This is especially crucial with jmemdos.c, where the "temporary files" may be extended-memory segments; if they are not freed, DOS will require a reboot to recover the memory.) Thus, with these memory managers, it's a good idea to provide a signal handler that will trap any early exit from your program. The handler should call either jpeg_abort() or jpeg_destroy() for any active JPEG objects. A handler is not needed with jmemnobs.c, and shouldn't be necessary with jmemansi.c or jmemmac.c either, since the C library is supposed to take care of deleting files made with tmpfile().

Memory usage
------------

Working memory requirements while performing compression or decompression depend on image dimensions, image characteristics (such as colorspace and
As of v6b, the decompressor requires:
1. About 24K in more-or-less-fixed-size data. This varies a bit depending on operating mode and image characteristics (particularly color vs. grayscale), but it doesn't depend on image dimensions.
2. Strip buffers (of size proportional to the image width) for IDCT and upsampling results. The worst case for commonly used sampling factors is about 34 bytes * width in pixels for a color image. A grayscale image only needs about 8 bytes per pixel column.
3. A full-image DCT coefficient buffer is needed to decode a multi-scan JPEG file (including progressive JPEGs), or whenever you select buffered-image mode. This takes 2 bytes/coefficient. At typical 2x2 sampling, that's 3 bytes per pixel for a color image. Worst case (1x1 sampling) requires 6 bytes/pixel. For grayscale, figure 2 bytes/pixel.
4. To perform 2-pass color quantization, the decompressor also needs a 128K color lookup table and a full-image pixel buffer (3 bytes/pixel). This does not count any memory allocated by the application, such as a buffer to hold the final output image.

The above figures are valid for 8-bit JPEG data precision and a machine with 32-bit ints. For 9-bit to 12-bit JPEG data, double the size of the strip buffers and quantization pixel buffer. The "fixed-size" data will be somewhat smaller with 16-bit ints, larger with 64-bit ints. Also, CMYK or other unusual color spaces will require different amounts of space.

The full-image coefficient and pixel buffers, if needed at all, do not have to be fully RAM resident; you can have the library use temporary files instead when the total memory usage would exceed a limit you set. (But if your OS supports virtual memory, it's probably better to just use jmemnobs and let the OS do the swapping.)

The compressor's memory requirements are similar, except that it has no need for color quantization. Also, it needs a full-image DCT coefficient buffer if Huffman-table optimization is asked for, even if progressive mode is not requested.

If you need more detailed information about memory usage in a particular situation, you can enable the MEM_STATS code in jmemmgr.c.

Library compile-time options
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A number of compile-time options are available by modifying jmorecfg.h.

The IJG code currently supports 8-bit to 12-bit sample data precision by defining BITS_IN_JSAMPLE as 8, 9, 10, 11, or 12.
Note that a value larger than 8 causes JSAMPLE to be larger than a char, so it affects the surrounding application's image data.

The sample applications cjpeg and djpeg can support deeper than 8-bit data only for PPM and GIF file formats; you must disable the other file formats to compile a 9-bit to 12-bit cjpeg or djpeg. (install.txt has more information about that.)

Run-time selection and conversion of data precision are currently not supported and may be added later.

Exception: The transcoding part (jpegtran) supports all settings in a single instance, since it operates on the level of DCT coefficients and not sample values.

(If you need to include an 8-bit library and a 9-bit to 12-bit library for compression or decompression in a single application, you could probably do it by defining NEED_SHORT_EXTERNAL_NAMES for just one of the copies. You'd have to access the 8-bit and the 9-bit to 12-bit copies from separate application source files. This is untested ... if you try it, we'd like to hear whether it works!)

Note that the standard Huffman tables are only valid for 8-bit data precision. If you selected more than 8-bit data precision, cjpeg uses arithmetic coding by default. The Huffman encoder normally uses entropy optimization to compute usable tables for higher precision. Otherwise, you'll have to supply different default Huffman tables. You may also want to supply your own DCT quantization tables; the existing quality-scaling code has been developed for 8-bit use, and probably doesn't generate especially good tables for 9-bit to 12-bit.

The maximum number of components (color channels) in the image is determined by MAX_COMPONENTS. The JPEG standard allows up to 255 components, but we expect that few applications will need more than four or so.

On machines with unusual data type sizes, you may be able to improve performance or reduce memory space by tweaking the various typedefs in jmorecfg.h. In particular, on some RISC CPUs, access to arrays of "short"s is quite slow; consider trading memory for speed by making JCOEF, INT16, and UINT16 be "int" or "unsigned int". UINT8 is also a candidate to become int. You probably don't want to make JSAMPLE be int unless you have lots of memory to burn.

You can reduce the size of the library by compiling out various optional functions. To do this, undefine xxx_SUPPORTED symbols as necessary.

You can also save a few K by not having text error messages in the library; the standard error message table occupies about 5Kb. This is particularly reasonable for embedded applications where there's no good way to display a message anyway. To do this, remove the creation of the message table (jpeg_std_message_table[]) from jerror.c, and alter format_message to do something reasonable without it. You could output the numeric value of the
message code number, for example. If you do this, you can also save a couple more K by modifying the TRACEMSn() macros in jerror.h to expand to nothing; you don't need trace capability anyway, right?

Portability considerations
---------------------------

The JPEG library has been written to be extremely portable; the sample applications cjpeg and djpeg are slightly less so. This section summarizes the design goals in this area. (If you encounter any bugs that cause the library to be less portable than is claimed here, we'd appreciate hearing about them.)

The code works fine on ANSI C, C++, and pre-ANSI C compilers, using any of the popular system include file setups, and some not-so-popular ones too. See install.txt for configuration procedures.

The code is not dependent on the exact sizes of the C data types. As distributed, we make the assumptions that
char is at least 8 bits wide
short is at least 16 bits wide
int is at least 16 bits wide
long is at least 32 bits wide
(These are the minimum requirements of the ANSI C standard.) Wider types will work fine, although memory may be used inefficiently if char is much larger than 8 bits or short is much bigger than 16 bits. The code should work equally well with 16- or 32-bit ints.

In a system where these assumptions are not met, you may be able to make the code work by modifying the typedefs in jmorecfg.h. However, you will probably have difficulty if int is less than 16 bits wide, since references to plain int abound in the code.

char can be either signed or unsigned, although the code runs faster if an unsigned char type is available. If char is wider than 8 bits, you will need to redefine JOCTET and/or provide custom data source/destination managers so that JOCTET represents exactly 8 bits of data on external storage.

The JPEG library proper does not assume ASCII representation of characters. But some of the image file I/O modules in cjpeg/djpeg do have ASCII dependencies in file-header manipulation; so does cjpeg's select_file_type() routine.

The JPEG library does not rely heavily on the C library. In particular, C stdio is used only by the data source/destination modules and the error handler, all of which are application-replaceable. (cjpeg/djpeg are more heavily dependent on stdio.) malloc and free are called only from the memory
manager "back end" module, so you can use a different memory allocator by replacing that one file.

The code generally assumes that C names must be unique in the first 15 characters. However, global function names can be made unique in the first 6 characters by defining NEED_SHORT_EXTERNAL_NAMES.

More info about porting the code may be gleaned by reading jconfig.txt, jmorecfg.h, and jinclude.h.

Notes for MS-DOS implementors
---------------------------------

The IJG code is designed to work efficiently in 80x86 "small" or "medium" memory models (i.e., data pointers are 16 bits unless explicitly declared "far"; code pointers can be either size). You may be able to use small model to compile cjpeg or djpeg by itself, but you will probably have to use medium model for any larger application. This won't make much difference in performance. You *will* take a noticeable performance hit if you use a large-data memory model (perhaps 10%-25%), and you should avoid "huge" model if at all possible.

The JPEG library typically needs 2Kb-3Kb of stack space. It will also malloc about 20K-30K of near heap space while executing (and lots of far heap, but that doesn't count in this calculation). This figure will vary depending on selected operating mode, and to a lesser extent on image size. There is also about 5Kb-6Kb of constant data which will be allocated in the near data segment (about 4Kb of this is the error message table).

Thus you have perhaps 20K available for other modules' static data and near heap space before you need to go to a larger memory model. The C library's static data will account for several K of this, but that still leaves a good deal for your needs. (If you are tight on space, you could reduce the sizes of the I/O buffers allocated by jdatasrc.c and jdatadst.c, say from 4K to 1K. Another possibility is to move the error message table to far memory; this should be doable with only localized hacking on jerror.c.)

About 2K of the near heap space is "permanent" memory that will not be released until you destroy the JPEG object. This is only an issue if you save a JPEG object between compression or decompression operations.

Far data space may also be a tight resource when you are dealing with large images. The most memory-intensive case is decompression with two-pass color quantization, or single-pass quantization to an externally supplied color map. This requires a 128Kb color lookup table plus strip buffers amounting to about 40 bytes per column for typical sampling ratios (eg, about 25600 bytes for a 640-pixel-wide image). You may not be able to process wide images if you have large data structures of your own.
Of course, all of these concerns vanish if you use a 32-bit flat-memory-model compiler, such as DJGPP or Watcom C. We highly recommend flat model if you can use it; the JPEG library is significantly faster in flat model.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/libjpeg.txt
No license file was found, but licenses were detected in source scan.

/*
 * jcmarker.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains routines to write JPEG datastream markers.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcmarker.c
No license file was found, but licenses were detected in source scan.

/*
 * jcsample.c
 *
 * Copyright (C) 1991-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains downsampling routines.
 *
 * Downsampling input data is counted in "row groups". A row group
 * is defined to be max_v_samp_factor pixel rows of each component,
 * from which the downsampler produces v_samp_factor sample rows.
 * A single row group is processed in each call to the downsampler module.
 *
 * The downsampler is responsible for edge-expansion of its output data
 * to fill an integral number of DCT blocks horizontally. The source buffer
 * may be modified if it is helpful for this purpose (the source buffer is
 * allocated wide enough to correspond to the desired output width).
 * The caller (the prep controller) is responsible for vertical padding.
 *
 * The downsampler may request "context rows" by setting need_context_rows
 * during startup. In this case, the input arrays will contain at least
* one row group’s worth of pixels above and below the passed-in data;
* the caller will create dummy rows at image top and bottom by replicating
* the first or last real pixel row.
*
* An excellent reference for image resampling is
*
* The downsampling algorithm used here is a simple average of the source
* pixels covered by the output pixel. The hi-falutin sampling literature
* refers to this as a "box filter". In general the characteristics of a box
* filter are not very good, but for the specific cases we normally use (1:1
* and 2:1 ratios) the box is equivalent to a "triangle filter" which is not
* nearly so bad. If you intend to use other sampling ratios, you’d be well
* advised to improve this code.
*
* A simple input-smoothing capability is provided. This is mainly intended
* for cleaning up color-dithered GIF input files (if you find it inadequate,
* we suggest using an external filtering program such as pnmconvol). When
* enabled, each input pixel P is replaced by a weighted sum of itself and its
* eight neighbors. P’s weight is 1-8*SF and each neighbor’s weight is SF,
* where SF = (smoothing_factor / 1024).
* Currently, smoothing is only supported for 2h2v sampling factors.
* /

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jcsample.c
No license file was found, but licenses were detected in source scan.

/*
* jmemsys.h
*
* Copyright (C) 1992-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This include file defines the interface between the system-independent
* and system-dependent portions of the JPEG memory manager. No other
* modules need include it. (The system-independent portion is jmemmgr.c;
* there are several different versions of the system-dependent portion.)
*
* This file works as-is for the system-dependent memory managers supplied
* in the IJG distribution. You may need to modify it if you write a
* custom memory manager. If system-dependent changes are needed in
* this file, the best method is to #ifdef them based on a configuration
* symbol supplied in jconfig.h, as we have done with USE_MSDOS_MEMMGR
* and USE_MAC_MEMMGR.
Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jmemsys.h

No license file was found, but licenses were detected in source scan.

*/

*&

* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains a floating-point implementation of the
* forward DCT (Discrete Cosine Transform).
* This implementation should be more accurate than either of the integer
* DCT implementations. However, it may not give the same results on all
* machines because of differences in roundoff behavior. Speed will depend
* on the hardware's floating point capacity.
* A 2-D DCT can be done by 1-D DCT on each row followed by 1-D DCT
* on each column. Direct algorithms are also available, but they are
* much more complex and seem not to be any faster when reduced to code.
* This implementation is based on Arai, Agui, and Nakajima's algorithm for
* scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
* Japanese, but the algorithm is described in the Pennebaker & Mitchell
* JPEG textbook (see REFERENCES section in file README). The following code
* is based directly on figure 4-8 in P&M.
* While an 8-point DCT cannot be done in less than 11 multiplies, it is
* possible to arrange the computation so that many of the multiplies are
* simple scalings of the final outputs. These multiplies can then be
* folded into the multiplications or divisions by the JPEG quantization
* table entries. The AA&N method leaves only 5 multiplies and 29 adds
* to be done in the DCT itself.
* The primary disadvantage of this method is that with a fixed-point
* implementation, accuracy is lost due to imprecise representation of the
* scaled quantization values. However, that problem does not arise if
* we use floating point arithmetic.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jfdctflt.c
No license file was found, but licenses were detected in source scan.

/*
* jdct.h
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This include file contains common declarations for the forward and
* inverse DCT modules. These declarations are private to the DCT managers
* (jdcctmgr.c, jddctmgr.c) and the individual DCT algorithms.
* The individual DCT algorithms are kept in separate files to ease
* machine-dependent tuning (e.g., assembly coding).
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdct.h
No license file was found, but licenses were detected in source scan.

/*
* rdswitch.c
*
* Copyright (C) 1991-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains routines to process some of cjpeg's more complicated
* command-line switches. Switches processed here are:
* -qtables fileRead quantization tables from text file
* -scans fileRead scan script from text file
* -quality N[,N,...]Set quality ratings
* -qslots N[,N,...]Set component quantization table selectors
* -sample HxV[,HxV,...]Set component sampling factors
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/rdswitch.c
No license file was found, but licenses were detected in source scan.

/*
* jmemmac.c
*
* Copyright (C) 1992-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* jmemmac.c provides an Apple Macintosh implementation of the system-
  dependent portion of the JPEG memory manager.
*
* If you use jmemmac.c, then you must define USE_MAC_MEMMGR in the
  JPEG_INTERNALS part of jconfig.h.
*
* jmemmac.c uses the Macintosh toolbox routines NewPtr and DisposePtr
  instead of malloc and free. It accurately determines the amount of
  memory available by using CompactMem. Notice that if left to its
  own devices, this code can chew up all available space in the
  application's zone, with the exception of the rather small "slop"
  factor computed in jpeg_mem_available(). The application can ensure
  that more space is left over by reducing max_memory_to_use.
*
* Large images are swapped to disk using temporary files and System 7.0+'s
  temporary folder functionality.
*
* Note that jmemmac.c depends on two features of MacOS that were first
  introduced in System 7: FindFolder and the FSSpec-based calls.
  If your application uses jmemmac.c and is run under System 6 or earlier,
  and the jpeg library decides it needs a temporary file, it will abort,
  printing error messages about requiring System 7. (If no temporary files
  are created, it will run fine.)
*
* If you want to use jmemmac.c in an application that might be used with
  System 6 or earlier, then you should remove dependencies on FindFolder
  and the FSSpec calls. You will need to replace FindFolder with some
  other mechanism for finding a place to put temporary files, and you
  should replace the FSSpec calls with their HFS equivalents:
*
*   FSpDelete  ->  HDelete
*   FSpGetFInfo ->  HGetFInfo
*   FSpCreate   ->  HCreate
*   FSpOpenDF   ->  HOpen        *** Note: not HOpenDF ***
*   FSMakeFSSpec ->  (fill in spec by hand.)
*
* (Use HOpen instead of HOpenDF. HOpen is just a glue-interface to PBHOpen,
  which is on all HFS macs. HOpenDF is a System 7 addition which avoids the
  ages-old problem of names starting with a period.)
*
* Contributed by Sam Bushell (jsam@iagu.on.net) and
  Dan Gildor (gyld@in-touch.com).
*/

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jmemmac.c
No license file was found, but licenses were detected in source scan.

; For conditions of distribution and use, see the accompanying README file.

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jmemdosa.asm

No license file was found, but licenses were detected in source scan.

/*.jdmerge.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modified 2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains code for merged upsampling/color conversion.
*
* This file combines functions from jdsample.c and jdcolor.c;
* read those files first to understand what's going on.
*
* When the chroma components are to be upsampled by simple replication
* (ie, box filtering), we can save some work in color conversion by
* calculating all the output pixels corresponding to a pair of chroma
* samples at one time. In the conversion equations
* R = Y + K1 * Cr
* G = Y + K2 * Cb + K3 * Cr
* B = Y + K4 * Cb
* only the Y term varies among the group of pixels corresponding to a pair
* of chroma samples, so the rest of the terms can be calculated just once.
* At typical sampling ratios, this eliminates half or three-quarters of the
* multiplications needed for color conversion.
*
* This file currently provides implementations for the following cases:
* YCbCr => RGB color conversion only.
* Sampling ratios of 2h1v or 2h2v.
* No scaling needed at upsample time.
* Corner-aligned (non-CCIR601) sampling alignment.
* Other special cases could be added, but in most applications these are
* the only common cases. (For uncommon cases we fall back on the more
* general code in jdsample.c and jdcolor.c.)
*/

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdmerge.c
No license file was found, but licenses were detected in source scan.

/*
 * jcdctmgr.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the forward-DCT management logic.
 * This code selects a particular DCT implementation to be used,
 * and it performs related housekeeping chores including coefficient
 * quantization.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcdctmgr.c

No license file was found, but licenses were detected in source scan.

/*
 * ckconfig.c
 *
 * Copyright (C) 1991-1994, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/ckconfig.c

No license file was found, but licenses were detected in source scan.

/*
 * jcrepct.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains the compression preprocessing controller.
 * This controller manages the color conversion, downsampling,
 * and edge expansion steps.
 *
 * Most of the complexity here is associated with buffering input rows
 * as required by the downsampler. See the comments at the head of
 * jcsample.c for the downsampler's needs.
 */
Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcprepc.t.c
No license file was found, but licenses were detected in source scan.

/*
 * jcprepc.t.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modified 2009-2012 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains compression data destination routines for the case of
 * emitting JPEG data to memory or to a file (or any stdio stream).
 * While these routines are sufficient for most applications,
 * some will want to use a different destination manager.
 * IMPORTANT: we assume that fwrite() will correctly transcribe an array of
 * JOCTETs into 8-bit-wide elements on external storage. If char is wider
 * than 8 bits on your machine, you may need to do some tweaking.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdatadst.c
No license file was found, but licenses were detected in source scan.

/*
 * jdatadst.c
 *
 * Copyright (C) 1994-1996, Thomas G. Lane.
 * Modified 2009-2012 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains compression data destination routines for the case of
 * emitting JPEG data to memory or to a file (or any stdio stream).
 * While these routines are sufficient for most applications,
 * some will want to use a different destination manager.
 * IMPORTANT: we assume that fwrite() will correctly transcribe an array of
 * JOCTETs into 8-bit-wide elements on external storage. If char is wider
 * than 8 bits on your machine, you may need to do some tweaking.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jtrans.c
No license file was found, but licenses were detected in source scan.

/*
 * jtrans.c
 *
 * Copyright (C) 1995-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains library routines for transcoding compression,
 * that is, writing raw DCT coefficient arrays to an output JPEG file.
 * The routines in jcapimin.c will also be needed by a transcoder.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jtrans.c
No license file was found, but licenses were detected in source scan.
* jdsample.c
*
* Copyright (C) 1991-1996, Thomas G. Lane.
* Modified 2002-2008 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains upsampling routines.
*
* Upsampling input data is counted in "row groups". A row group
* is defined to be (v_samp_factor * DCT_v_scaled_size / min_DCT_v_scaled_size)
* sample rows of each component. Upsampling will normally produce
* max_v_samp_factor pixel rows from each row group (but this could vary
* if the upsampler is applying a scale factor of its own).
*
* An excellent reference for image resampling is
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdsample.c
No license file was found, but licenses were detected in source scan.

/*
* jdmainct.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modified 2002-2012 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains the main buffer controller for decompression.
* The main buffer lies between the JPEG decompressor proper and the
* post-processor; it holds downsampled data in the JPEG colorspace.
*
* Note that this code is bypassed in raw-data mode, since the application
* supplies the equivalent of the main buffer in that case.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdmainct.c
No license file was found, but licenses were detected in source scan.

/*
* jdapimin.c
*
* For conditions of distribution and use, see the accompanying README file.
* This file documents the configuration options that are required to
* customize the JPEG software for a particular system.
* The actual configuration options for a particular installation are stored
  * in jconfig.h. On many machines, jconfig.h can be generated automatically
  * or copied from one of the "canned" jconfig files that we supply. But if
  * you need to generate a jconfig.h file by hand, this file tells you how.
* DO NOT EDIT THIS FILE --- IT WON'T ACCOMPLISH ANYTHING.
* EDIT A COPY NAMED JCONFIG.H.
*/

/*
* These symbols indicate the properties of your machine or compiler.
* #define the symbol if yes, #undef it if no.
*/

/* Does your compiler support function prototypes?
* (If not, you also need to use ansi2knr, see install.txt)
*/
#define HAVE_PROTOTYPES

/* Does your compiler support the declaration "unsigned char" ?
* How about "unsigned short" ?
*/
#define HAVE_UNSIGNED_CHAR
#define HAVE_UNSIGNED_SHORT

/* Define "void" as "char" if your compiler doesn't know about type void.
* NOTE: be sure to define void such that "void *" represents the most general
* pointer type, e.g., that returned by malloc().
*/
#ifndef void_char
#define void_char
#endif

/* Define "const" as empty if your compiler doesn't know the "const" keyword.
*/
#ifndef const
#define const
#endif

/* Define this if an ordinary "char" type is unsigned.
* If you're not sure, leaving it undefined will work at some cost in speed.
* If you defined HAVE_UNSIGNED_CHAR then the speed difference is minimal.
*/
#undef CHAR_IS_UNSIGNED

/* Define this if your system has an ANSI-conforming <stddef.h> file.
*
/**
 * Define this if your system has an ANSI-conforming <stdlib.h> file.
 */
#define HAVE_STDLIB_H

/**
 * Define this if your system does not have an ANSI/SysV <string.h>,
 * but does have a BSD-style <strings.h>.
 */
#define NEED_BSD_STRINGS

/**
 * Define this if your system does not provide typedef size_t in any of the
 * ANSI-standard places (stddef.h, stdlib.h, or stdio.h), but places it in
 * <sys/types.h> instead.
 */
#undef NEED_SYS_TYPES_H

/**
 * For 80x86 machines, you need to define NEED_FAR_POINTERS,
 * unless you are using a large-data memory model or 80386 flat-memory mode.
 * On less brain-damaged CPUs this symbol must not be defined.
 * (Defining this symbol causes large data structures to be referenced through
 * "far" pointers and to be allocated with a special version of malloc.)
 */
#undef NEED_FAR_POINTERS

/**
 * Define this if your linker needs global names to be unique in less
 * than the first 15 characters.
 */
#undef NEED_SHORT_EXTERNAL_NAMES

/**
 * Although a real ANSI C compiler can deal perfectly well with pointers to
 * unspecified structures (see "incomplete types" in the spec), a few pre-ANSI
 * and pseudo-ANSI compilers get confused. To keep one of these bozos happy,
 * define INCOMPLETE_TYPES_BROKEN. This is not recommended unless you
 * actually get "missing structure definition" warnings or errors while
 * compiling the JPEG code.
 */
#undef INCOMPLETE_TYPES_BROKEN

/**
 * Define "boolean" as unsigned char, not enum, on Windows systems.
 */
#ifdef _WIN32
#define __RPCNDR_H__
#else
#endif
#endif
#ifdef __RPCNDR_H__
/* don't conflict if rpcndr.h already read */
typedef unsigned char boolean;
#endif
#endif
#endif
#define FALSE 0 /* values of boolean */
endif
#endif
#define TRUE	1
#endif
#define HAVE_BOOLEAN		/* prevent jmorecfg.h from redefining it */
#endif

/*
* The following options affect code selection within the JPEG library,
* but they don't need to be visible to applications using the library.
* To minimize application namespace pollution, the symbols won't be
* defined unless JPEG_INTERNALS has been defined.
*/

#ifndef JPEG_INTERNALS

/* Define this if your compiler implements ">>" on signed values as a logical
* (unsigned) shift; leave it undefined if ">>" is a signed (arithmetic) shift,
* which is the normal and rational definition.
*/
#undef RIGHT_SHIFT_IS_UNSIGNED

#endif /* JPEG_INTERNALS */

/*
* The remaining options do not affect the JPEG library proper,
* but only the sample applications cjpeg/djpeg (see cjpeg.c, djpeg.c).
* Other applications can ignore these.
*/

#ifndef JPEG_CJPEG_DJPEG

/* These defines indicate which image (non-JPEG) file formats are allowed. */

#define BMP_SUPPORTED		/* BMP image file format */
#define GIF_SUPPORTED		/* GIF image file format */
#define PPM_SUPPORTED		/* PBMPLUS PPM/PGM image file format */
#undef RLE_SUPPORTED		/* Utah RLE image file format */
#define TARGA_SUPPORTED		/* Targa image file format */

/* Define this if you want to name both input and output files on the command
* line, rather than using stdin and optionally stdout. You MUST do this if
* your system can't cope with binary I/O to stdin/stdout. See comments at
* head of cjpeg.c or djpeg.c.
*/

#endif /* JPEG_CJPEG_DJPEG */
#undef TWO_FILE_COMMANDLINE

/* Define this if your system needs explicit cleanup of temporary files.
 * This is crucial under MS-DOS, where the temporary "files" may be areas
 * of extended memory; on most other systems it's not as important.
 */
#endif /* JPEG_CJPEG_DJPEG */

/* By default, we open image files with fopen(...) or fopen(...,"wb").
 * This is necessary on systems that distinguish text files from binary files,
 * and is harmless on most systems that don't. If you have one of the rare
 * systems that complains about the "b" spec, define this symbol.
 */
#endif /* JPEG_CJPEG_DJPEG */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jconfig.txt

No license file was found, but licenses were detected in source scan.

/*
 * jidctfst.c
 *
 * Copyright (C) 1994-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains a fast, not so accurate integer implementation of the
 * inverse DCT (Discrete Cosine Transform). In the IJG code, this routine
 * must also perform dequantization of the input coefficients.
 *
 * A 2-D IDCT can be done by 1-D IDCT on each column followed by 1-D IDCT
 * on each row (or vice versa, but it's more convenient to emit a row at
 * a time). Direct algorithms are also available, but they are much more
 * complex and seem not to be any faster when reduced to code.
 *
 * This implementation is based on Arai, Agui, and Nakajima's algorithm for
 * scaled DCT. Their original paper (Trans. IEICE E-71(11):1095) is in
 * Japanese, but the algorithm is described in the Pennebaker & Mitchell
 * JPEG textbook (see REFERENCES section in file README). The following code
 * is based directly on figure 4-8 in P&M.
* While an 8-point DCT cannot be done in less than 11 multiplies, it is
* possible to arrange the computation so that many of the multiplies are
* simple scalings of the final outputs. These multiplies can then be
* folded into the multiplications or divisions by the JPEG quantization
* table entries. The AA&N method leaves only 5 multiplies and 29 adds
* to be done in the DCT itself.
* The primary disadvantage of this method is that with fixed-point math,
* accuracy is lost due to imprecise representation of the scaled
* quantization values. The smaller the quantization table entry, the less
* precise the scaled value, so this implementation does worse with high-
* quality-setting files than with low-quality ones.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jidctfst.c
No license file was found, but licenses were detected in source scan.

/*
 * jerror.h
 *
 * Copyright (C) 1994-1997, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file defines the error and message codes for the JPEG library.
 * Edit this file to add new codes, or to translate the message strings to
 * some other language.
 * A set of error-reporting macros are defined too. Some applications using
 * the JPEG library may wish to include this file to get the error codes
 * and/or the macros.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jerror.h
No license file was found, but licenses were detected in source scan.

/*
 * jaricom.c
 *
 * Developed 1997-2011 by Guido Vollbeding.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains probability estimation tables for common use in
 * arithmetic entropy encoding and decoding routines.
This data represents Table D.3 in the JPEG spec (D.2 in the draft),
ISO/IEC IS 10918-1 and CCITT Recommendation ITU-T T.81, and Table 24

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jaricom.c
No license file was found, but licenses were detected in source scan.

*/
* jdapistd.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modified 2002-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains application interface code for the decompression half
* of the JPEG library. These are the "standard" API routines that are
* used in the normal full-decompression case. They are not used by a
* transcoding-only application. Note that if an application links in
* jpeg_start_decompress, it will end up linking in the entire decompressor.
* We thus must separate this file from jdapimin.c to avoid linking the
* whole decompression library into a transcoder.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
0278ff0/jdapistd.c
No license file was found, but licenses were detected in source scan.

*/
* jcapistd.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* Modified 2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains application interface code for the compression half
* of the JPEG library. These are the "standard" API routines that are
* used in the normal full-compression case. They are not used by a
* transcoding-only application. Note that if an application links in
* jpeg_start_compress, it will end up linking in the entire compressor.
* We thus must separate this file from jcapimin.c to avoid linking the
* whole compression library into a transcoder.
/*

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcapistd.c
No license file was found, but licenses were detected in source scan.

/*/ 

* transupp.h

* Copyright (C) 1997-2013, Thomas G. Lane, Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains declarations for image transformation routines and
* other utility code used by the jpegtran sample application. These are
* NOT part of the core JPEG library. But we keep these routines separate
* from jpegtran.c to ease the task of maintaining jpegtran-like programs
* that have other user interfaces.
* NOTE: all the routines declared here have very specific requirements
* about when they are to be executed during the reading and writing of the
* source and destination files. See the comments in transupp.c, or see
* jpegtran.c for an example of correct usage.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/transupp.h
No license file was found, but licenses were detected in source scan.

/*/ 

* jccolor.c

* Copyright (C) 1991-1996, Thomas G. Lane.
* Modified 2011-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains input colorspace conversion routines.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jccolor.c
No license file was found, but licenses were detected in source scan.

/*
* jversion.h
*
* Copyright (C) 1991-2014, Thomas G. Lane, Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains software version identification.
*/

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jversion.h
No license file was found, but licenses were detected in source scan.

/*
* jcapimin.c
*
* Copyright (C) 1994-1998, Thomas G. Lane.
* Modified 2003-2010 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains application interface code for the compression half
* of the JPEG library. These are the "minimum" API routines that may be
* needed in either the normal full-compression case or the transcoding-only
* case.
*
* Most of the routines intended to be called directly by an application
* are in this file or in jcapistd.c. But also see jparam.c for
* parameter-setup helper routines, jcomapi.c for routines shared by
* compression and decompression, and jctrans.c for the transcoding case.
*/

Found in path(s):
*/opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcapimin.c
No license file was found, but licenses were detected in source scan.

/*
* jmemname.c
*
* Copyright (C) 1992-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file provides a generic implementation of the system-dependent
* portion of the JPEG memory manager. This implementation assumes that
* you must explicitly construct a name for each temp file.
* Also, the problem of determining the amount of memory available
* is shoved onto the user.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jmemname.c
No license file was found, but licenses were detected in source scan.

*/
* djpeg.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2009-2013 by Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* This file contains a command-line user interface for the JPEG decompressor.
* It should work on any system with Unix- or MS-DOS-style command lines.
* Two different command line styles are permitted, depending on the
* compile-time switch TWO_FILE_COMMANDLINE:
* djpeg [options]  inputfile outputfile
* djpeg [options]  [inputfile]
* In the second style, output is always to standard output, which you'd
* normally redirect to a file or pipe to some other program. Input is
* either from a named file or from standard input (typically redirected).
* The second style is convenient on Unix but is unhelpful on systems that
* don't support pipes. Also, you MUST use the first style if your system
* doesn't do binary I/O to stdin/stdout.
* To simplify script writing, the "-outfile" switch is provided. The syntax
* djpeg [options]  -outfile outputfile  inputfile
* works regardless of which command line style is used.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/djpeg.c
No license file was found, but licenses were detected in source scan.

/*
* jcinit.c
*
* Copyright (C) 1991-1997, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains initialization logic for the JPEG compressor.
* This routine is in charge of selecting the modules to be executed and
* making an initialization call to each one.
*
* Logically, this code belongs in jcmaster.c. It's split out because
* linking this routine implies linking the entire compression library.
* For a transcoding-only application, we want to be able to use jcmaster.c
* without linking in the whole library.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jcinit.c
No license file was found, but licenses were detected in source scan.

/
* jdpostct.c
*
* Copyright (C) 1994-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains the decompression postprocessing controller.
* This controller manages the upsampling, color conversion, and color
* quantization/reduction steps; specifically, it controls the buffering
* between upsample/color conversion and color quantization/reduction.
*
* If no color quantization/reduction is required, then this module has no
* work to do, and it just hands off to the upsample/color conversion code.
* An integrated upsample/convert/quantize process would replace this module
* entirely.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/jdpostct.c
No license file was found, but licenses were detected in source scan.

/*
* rdjpgcom.c
*
* Copyright (C) 1994-1997, Thomas G. Lane.
* Modified 2009 by Bill Allombert, Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
*
* This file contains a very simple stand-alone application that displays
* the text in COM (comment) markers in a JFIF file.
*/
* This may be useful as an example of the minimum logic needed to parse
* JPEG markers.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/rdjpgcom.c
No license file was found, but licenses were detected in source scan.

IJG JPEG LIBRARY: CODING RULES

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For conditions of distribution and use, see the accompanying README file.

Since numerous people will be contributing code and bug fixes, it's important
to establish a common coding style. The goal of using similar coding styles
is much more important than the details of just what that style is.

In general we follow the recommendations of "Recommended C Style and Coding
Standards" revision 6.1 (Cannon et al. as modified by Spencer, Keppel and
Brader). This document is available in the IJG FTP archive (see

Block comments should be laid out thusly:

    /*
     *  Block comments in this style.
     */

We indent statements in K&R style, e.g.,
if (test) {
    then-part;
} else {
    else-part;
}
with two spaces per indentation level. (This indentation convention is
handled automatically by GNU Emacs and many other text editors.)

Multi-word names should be written in lower case with underscores, e.g.,
multi_word_name (not multiWordName). Preprocessor symbols and enum constants
are similar but upper case (MULTI_WORD_NAME). Names should be unique within
the first fifteen characters. (On some older systems, global names must be
unique within six characters. We accommodate this without cluttering the
source code by using macros to substitute shorter names.)

We use function prototypes everywhere; we rely on automatic source code
transformation to feed prototype-less C compilers. Transformation is done by the simple and portable tool 'ansi2knr.c' (courtesy of Ghostscript). ansi2knr is not very bright, so it imposes a format requirement on function declarations: the function name MUST BEGIN IN COLUMN 1. Thus all functions should be written in the following style:

LOCAL(int *)
function_name (int a, char *b)
{
    code...
}

Note that each function definition must begin with GLOBAL(type), LOCAL(type), or METHODDEF(type). These macros expand to "static type" or just "type" as appropriate. They provide a readable indication of the routine's usage and can readily be changed for special needs. (For instance, special linkage keywords can be inserted for use in Windows DLLs.)

ansi2knr does not transform method declarations (function pointers in structs). We handle these with a macro JMETHOD, defined as

#ifdef HAVE_PROTOTYPES
#define JMETHOD(type,methodname,arglist)  type (*methodname) arglist
#else
#define JMETHOD(type,methodname,arglist)  type (*methodname) ()
#endif

which is used like this:

struct function_pointers {
    JMETHOD(void, init_entropy_encoder, (int somearg, jparms *jp));
    JMETHOD(void, term_entropy_encoder, (void));
};

Note the set of parentheses surrounding the parameter list.

A similar solution is used for forward and external function declarations (see the EXTERN and JPP macros).

If the code is to work on non-ANSI compilers, we cannot rely on a prototype declaration to coerce actual parameters into the right types. Therefore, use explicit casts on actual parameters whenever the actual parameter type is not identical to the formal parameter. Beware of implicit conversions to "int".

It seems there are some non-ANSI compilers in which the sizeof() operator is defined to return int, yet size_t is defined as long. Needless to say, this is brain-damaged. Always use the SIZEOF() macro in place of sizeof(), so that the result is guaranteed to be of type size_t.

The JPEG library is intended to be used within larger programs. Furthermore, we want it to be reentrant so that it can be used by applications that process
multiple images concurrently. The following rules support these requirements:

1. Avoid direct use of file I/O, "malloc", error report printouts, etc; pass these through the common routines provided.

2. Minimize global namespace pollution. Functions should be declared static wherever possible. (Note that our method-based calling conventions help this a lot: in many modules only the initialization function will ever need to be called directly, so only that function need be externally visible.) All global function names should begin with "jpeg_", and should have an abbreviated name (unique in the first six characters) substituted by macro when NEED_SHORT_EXTERNAL_NAMES is set.

3. Don't use global variables; anything that must be used in another module should be in the common data structures.

4. Don't use static variables except for read-only constant tables. Variables that should be private to a module can be placed into private structures (see the system architecture document, structure.txt).

5. Source file names should begin with "j" for files that are part of the library proper; source files that are not part of the library, such as cjpeg.c and djpeg.c, do not begin with "j". Keep source file names to eight characters (plus ".c" or ".h", etc) to make life easy for MS-DOSers. Keep compression and decompression code in separate source files --- some applications may want only one half of the library.

Note: these rules (particularly #4) are not followed religiously in the modules that are used in cjpeg/djpeg but are not part of the JPEG library proper. Those modules are not really intended to be used in other applications.

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-0278ff0/coderules.txt

No license file was found, but licenses were detected in source scan.

/ *
* rdppm.c
* *
* Copyright (C) 1991-1997, Thomas G. Lane.
* Modified 2009 by Bill Allombert, Guido Vollbeding.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* *
* This file contains routines to read input images in PPM/PGM format.
* The extended 2-byte-per-sample raw PPM/PGM formats are supported.
* The PBMPLUS library is NOT required to compile this software
* (but it is highly useful as a set of PPM image manipulation programs).

* These routines may need modification for non-Unix environments or
* specialized applications. As they stand, they assume input from
* an ordinary stdio stream. They further assume that reading begins
* at the start of the file; start_input may need work if the
* user interface has already read some data (e.g., to determine that
* the file is indeed PPM format).
*/

/* Portions of this code are based on the PBMPLUS library, which is:
**
** Copyright (C) 1988 by Jef Poskanzer.
**
** Permission to use, copy, modify, and distribute this software and its
** documentation for any purpose and without fee is hereby granted, provided
** that the above copyright notice appear in all copies and that both that
** copyright notice and this permission notice appear in supporting
** documentation. This software is provided “as is” without express or
** implied warranty.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/rdppm.c
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/*
 * jcparam.c
 *
 * Copyright (C) 1991-1998, Thomas G. Lane.
 * This file is part of the Independent JPEG Group's software.
 * For conditions of distribution and use, see the accompanying README file.
 *
 * This file contains optional default-setting code for the JPEG compressor.
 * Applications do not have to use this file, but those that don't use it
 * must know a lot more about the innards of the JPEG code.
 */

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jcparam.c
No license file was found, but licenses were detected in source scan.

/*
 * jmennobs.c
 *
 * Copyright (C) 1992-1996, Thomas G. Lane.
* This file is part of the Independent JPEG Group's software.
* For conditions of distribution and use, see the accompanying README file.
* 
* This file provides a really simple implementation of the system-
* dependent portion of the JPEG memory manager.  This implementation
* assumes that no backing-store files are needed: all required space
* can be obtained from malloc().
* This is very portable in the sense that it'll compile on almost anything,
* but you'd better have lots of main memory (or virtual memory) if you want
* to process big images.
* Note that the max_memory_to_use option is ignored by this implementation.
*/

Found in path(s):
* /opt/cola/permits/1105853619_1607111336.34/0/kodabb-libjpeg-v9a-0-g0278ff0-tar-gz/kodabb-libjpeg-
  0278ff0/jmemnobs.c

1.2932 mod-cluster-core 1.4.0.Final

1.2933 byte-buddy 1.8.17

1.2934 httpcore-nio 4.4.13

1.2934.1 Available under license:

Apache HttpCore NIO
Copyright 2005-2020 The Apache Software Foundation

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"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

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1.2936 zlib 1.2.11

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/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

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1.2937 atl 2.26.2-1.el7
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1.2940 jackson-jaxrs-base 2.10.0

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1.2948 bash 4.2.46 33.el7

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From friedman@cli.com Thu May 25 12:19:06 1995
Flags: 10
Return-Path: friedman@cli.com
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  id MAA08685; Thu, 25 May 1995 12:19:05 -0400 (from friedman@cli.com for <chet@odin.INS.CWRU.Edu>)
Received: from cli.com (cli.com [192.31.85.1]) by po.cwru.edu with SMTP (8.6.10+cwru/CWRU-2.3)
  id MAA11299; Thu, 25 May 1995 12:19:00 -0400 (from friedman@cli.com for <chet@po.cwru.edu>)
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  id AA27213; Thu, 25 May 95 11:18:25 CDT
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Message-Id: <9505251618.AA16031@tepui.cli.com>
From: friedman@gnu.ai.mit.edu (Noah Friedman)
To: chet@po.cwru.edu
Subject: Bash scripts
Reply-To: friedman@gnu.ai.mit.edu
In-Reply-To: <chet@odin.ins.cwru.edu> Thu, 25 May 1995 11:19:59 -0400
References: <9505251519.AA06424.SM@odin.INS.CWRU.Edu>
Date: Thu, 25 May 95 11:18:21 CST

Hi. I snagged some of your bash functions from your home directory on
Sure. I think there's a later copy in
~ftp/friedman/shell-init/init-4.89.tar.gz. There are also some elisp and
es frobs in that file.

It should serve as a pretty good example of how to get carried away. :-)
Hi. I'm the maintainer of bash (the GNU `Bourne Again shell') for
the FSF.

I picked up a tar file of ksh scripts you wrote from an anon FTP site
a while back. I'd like your permission to include modified versions
of some of them in the next major bash distribution (with proper credit
given, of course). Is it OK if I do that?

Chet Ramey

``The lyf so short, the craft so long to lerne.'' - Chaucer

Chet Ramey, Case Western Reserve University Internet: chet@po.CWRU.Edu

-- End of excerpt from Chet Ramey

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

   (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or
collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.
When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
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If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.
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Version 2.1, February 1999

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[This is the first released version of the Lesser GPL.  It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it
becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control
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Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
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such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

You may charge a fee for the physical act of transferring a copy,
and you may at your option offer warranty protection in exchange for a
fee.

2. You may modify your copy or copies of the Library or any portion
of it, thus forming a work based on the Library, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no
charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
the facility, other than as an argument passed when the facility
is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square root function must still compute square roots.

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you
7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCXXPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPFFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao
```
## Compilation rules

%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<

%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<

%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules

%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed \"s/${*}\.o\[ Elizabeth\] /\1.o $@ : /g\" > $@; \\
[ -s $@ ] \|| rm -f $@'

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed \"s/${*}\.o\[ Elizabeth\] /\1.o $@ : /g\" > $@; \\
[ -s $@ ] \|| rm -f $@'

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@

%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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For example, if you distribute copies of the library, whether gratis
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code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free
library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:
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changes were used in the work (which must be distributed under 
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with the Library, with the complete machine-readable "work that 
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b) Use a suitable shared library mechanism for linking with the 
Library. A suitable mechanism is one that (1) uses at run time a 
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e) Verify that the user has already received a copy of these 
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For an executable, the required form of the "work that uses the 
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components (compiler, kernel, and so on) of the operating system on 
which the executable runs, unless that component itself accompanies 
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It may happen that this requirement contradicts the license 
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accompany the operating system. Such a contradiction means you cannot 
use both them and the Library together in an executable that you 
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7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

   a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor’s protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors’ reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone’s free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This
license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

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charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a
table of data to be supplied by an application program that uses
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is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
application-supplied function or table used by this function must
be optional: if the application does not supply it, the square
root function must still compute square roots.)

These requirements apply to the modified work as a whole. If
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entire whole, and thus to each and every part regardless of who wrote
it.

Thus, it is not the intent of this section to claim rights or contest
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In addition, mere aggregation of another work not based on the Library
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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6,
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/**
 * This code is a stripped down version of Robert Harder's Public Domain Base64 implementation. GZIP
 * support, InputStream and OutputStream stuff and some unneeded encode/decode methods have been
 * removed.</p>
 *
Encodes and decodes to and from Base64 notation.

Change Log:

- v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience methods for reading and writing to and from files.
- v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other encodings (like EBCDIC).
- v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a single byte.
- v2.0 - I got rid of methods that used booleans to set options. Now everything is more consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed and will decompress it automatically. Generally things are cleaner. You'll probably have to change some method calls that you were making to support the new options format ({@code int}s that you "OR" together).
- v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using {code decode( String s, boolean gzipCompressed )}. Added the ability to "suspend" encoding in the Output Stream so you can turn on and off the encoding if you need to embed base64 data in an otherwise "normal" stream (like an XML file).
- v1.5 - Output stream pases on flush() command but doesn't do anything itself. This helps when using GZIP streams. Added the ability to GZip-compress objects before encoding them.
- v1.4 - Added helper methods to read/write files.
- v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset.
- v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last buffer being read, if not completely full, was not returned.
- v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time.
- v1.3.3 - Fixed I/O streams which were totally messed up.

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@author Robert Harder
@version 2.1

Found in path(s):
/opt/cola/permits/1106204308_1607117720.71/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/util/Base64.java
No license file was found, but licenses were detected in source scan.

// more details.

Found in path(s):
* /opt/cola/permits/1106204308_1607117720.71/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/Driver.java
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* /opt/cola/permits/1106204308_1607117720.71/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/cs.po
* /opt/cola/permits/1106204308_1607117720.71/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/messages.pot
* /opt/cola/permits/1106204308_1607117720.71/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/tr.po
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Manifest-Version: 1.0
Implementation-Title: PostgreSQL JDBC Driver
Bundle-License: BSD-2-Clause
Implementation-Version: 42.2.14.jre7
Specification-Vendor: Oracle Corporation
Specification-Title: JDBC
Implementation-Vendor-Id: org.postgresql
Specification-Version: 4.1
Implementation-Vendor: PostgreSQL Global Development Group

Found in path(s):
* /opt/cola/permits/1106204308_1607117720.71/0/postgresql-42-2-14-jre7-sources-jar/META-INF/MANIFEST.MF
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* /opt/cola/permits/1106204308_1607117720.71/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/zh_CN.po
1.2963 perl-time-local 1.2300 2.el7

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analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishMinimalStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
analysis/common/src/java/org/apache/lucene/analysis/pt/PortugueseLightStemmer.java
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Implementation-Version: 4.1.53.Final
Built-By: root
Bnd-LastModified: 1602570733420
Bundle-ManifestVersion: 2
Implementation-Vendor-Id: io.netty
Bundle-DocURL: https://netty.io/
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Import-Package: io.netty.util;version="[4.1.5)",io.netty.util.collection;version="[4.1.5)",io.netty.util.concurrent;version="[4.1.5)",io.netty.util.internal;version="[4.1.5)",io.netty.util.internal.logging;version="[4.1.5)",sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;version="[1.2)";resolution:=optional,org.eclipse.jetty.alpn;version="[1.2)";resolution:=optional
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.4.1.201501161923
Implementation-Vendor: The Netty Project
Export-Package: io.netty.buffer;uses:="io.netty.util";version="4.1.53"
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Bundle-Name: Netty/Buffer
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For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for
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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html
* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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org.apache.tomcat:tomcat-jasper
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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.2982 wildfly-mod-cluster-extension

14.0.1.Final

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* iv_gen.h - generic IV generator to be used with protocols
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* 1.0.2t6.2.364/include/openssl/camellia.h
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* /opt/ws_local/PERMITS_SQL/1019985709_1598539050.3/0/ciscossI-1-0-2t-6-2-364-tar-gz/ciscossI/ciscossI-1.0.2t.6.2.364/ssl/man/man3/EVP_PKEY_meth_new.3
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* /opt/ws_local/PERMITS_SQL/1019985709_1598539050.3/0/ciscoss1-1-0-2t-6-2-364-tar-gz/ciscoss1/ciscoss1-1.0.2t.6.2.364/include/oppenssl/pkcs7.h
* /opt/ws_local/PERMITS_SQL/1019985709_1598539050.3/0/ciscoss1-1-0-2t-6-2-364-tar-gz/ciscoss1/ciscoss1-1.0.2t.6.2.364/include/oppenssl/evp.h
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

' # New ports collection makefile for: python25
' Comment

' # Date created: 3 July 2003
' Comment

' # Whom: Hye-Shik Chang <perky@FreeBSD.org>
' Comment

' # PORTNAME' Name.Variable
' = ' Operator
' "python25" Text
' "n" Text

' PORTVERSION' Name.Variable
```
CATEGORIES' Name.Variable
'=' Operator
'\t' Text
'lang' Text
' ' Text
'python' Text
' ' Text
'ipv6' Text
'\n' Text

'MASTER_SITES' Name.Variable
'=' Operator
'\t' Text
'\${' Literal.String.Interpol
'PYTHON_MASTER_SITES' Name.Variable
'}' Literal.String.Interpol
'\n' Text

'MASTER_SITE_SUBDIR' Name.Variable
'=' Operator
'\t' Text
'\${' Literal.String.Interpol
'PYTHON_MASTER_SITE_SUBDIR' Name.Variable
'}' Literal.String.Interpol
'\n' Text

'DISTFILES' Name.Variable
'=' Operator
'\t' Text
'\${' Literal.String.Interpol
'PYTHON_DISTFILE' Name.Variable
'}' Literal.String.Interpol
'\n' Text

'MAINTAINER' Name.Variable
'=' Operator
'\t' Text
'python@FreeBSD.org' Text
'\n' Text
```
An interpreted object-oriented programming language

'DIST_SUBDIR' = python

'WRKSRC' = ${PYTHON_WRKSRC}/portbld.static

'PATCH_WRKSRC' = ${PYTHON_WRKSRC}/portbld.static

'GNU_CONFIGURE' = yes

'CONFIGURE_TARGET' =
'--build'  Text
'='  Operator
'${'  Literal.String.Interpol
'MACHINE_ARCH'  Name.Variable
'}'  Literal.String.Interpol
'-portbld-freebsd'  Text
'${'  Literal.String.Interpol
'OSREL'  Name.Variable
'}'  Literal.String.Interpol
'un'  Text

'CONFIGURE_SCRIPT'  Name.Variable
'='  Operator
't'  Text
'../configure'  Text
' '  Text
'# must be relative'un'  Comment.Single

'CONFIGURE_ENV'  Name.Variable
'='  Operator
't'  Text
'OPT'  Name.Variable
'='  Operator
'... '  Literal.String.Double
'${'  Literal.String.Interpol
'CFLAGS'  Name.Variable
'}'  Literal.String.Interpol
'... '  Literal.String.Double
' '  Text
'SVNVERSION'  Name.Variable
'='  Operator
'"echo freebsd" '  Literal.String.Double
'un'  Text

'MAKE_ENV'  Name.Variable
'='  Operator
't'  Text
'VPATH'  Name.Variable
'='  Operator
'... '  Literal.String.Double
'${'  Literal.String.Interpol
'PYTHON_WRKSRC'  Name.Variable
'}'  Literal.String.Interpol
'... '  Literal.String.Double
'un'  Text

'INSTALLS_SHLIB'  Name.Variable
'='  Operator
'INSTALL_TARGET' = 'altinstall'

'MAN1' = '${PYTHON_VERSION}.1'

'USE_PYTHON' = 'yes'

'PYTHON_VERSION' = 'python2.5'

'PYTHON_NO_DEPENDS' = 'yes'

'SHARED_WRKSR' = '${PYTHON_WRKSR}/portbld.shared'
'n'  Text

'PLIST'  Name.Variable
'='  Operator
'
'${WRKDIR}/PLIST

'PLIST_TEMPLATE' Name.Variable
'!='  Operator
'
'${PKGDIR}/pkg-plist

'PLIST_SUB' Name.Variable
'='  Operator
'
'PYVER'  Name.Variable
'='  Operator
'
'${PYTHON_VERSION}://python//\
'
'PYVER_WITHPAT' Name.Variable
'='  Operator
'
'PORTVERSION' Name.Variable
'.'  Punctuation
'S'  Name.Variable
'/'python//'  Punctuation
'
'DEMODIR' Name.Variable
'='  Operator
'
'${PORTVERSION}://.c/c/'  Punctuation
'

'PREFIX'  Name.Variable
'}  Literal.String.Interpol
'/share/examples/'  Text
'$\{'  Literal.String.Interpol
'PYTHON_VERSION'  Name.Variable
'}  Literal.String.Interpol

'TOOLSDIR'  Name.Variable
'='  Operator
't'  Text
'$\{'  Literal.String.Interpol
'PREFIX'  Name.Variable
'}  Literal.String.Interpol
'/share/'  Text
'$\{'  Literal.String.Interpol
'PYTHON_VERSION'  Name.Variable
'}  Literal.String.Interpol

'BIN_SCRIPTS'  Name.Variable
'='  Operator
'idle'  Text
'pydoc'  Text
'python'  Text
'python-shared'  Text
'smtpd.py'  Text
'python-config'  Text
'\\n'  Literal.String.Escape
'
'  Text

'\"\"'  Text
'python-shared-config'  Text
'\n'  Text

'BINLINKS_SUB'  Name.Variable
'='  Operator
'\t'  Text
'\-e'  Text
'\"\"'  Text
"s.smtpd.smtpd${PYTHON_VER},","Literal.String.Single
'  Text
'\\n'  Literal.String.Escape

'\t\t'  Text
'\t\t'  Text
'\t\t'  Text
"s.(idle|pydoc|python-shared|python),\\t${PYTHON_VER},","Literal.String.Single
'\n\n'  Text

'OPTIONS'  Name.Variable
'='  Operator
'\t'  Text
'THREADS'  Text
'\t\t'  Text
""Enable thread support""  Literal.String.Double
'\t\t'  Text
'on'  Text
'\t\t'  Text
'\\n'  Literal.String.Escape

'\t\t'  Text
'HUGE_STACK_SIZE'  Text
'\t\t'  Text
""Use a larger thread stack""  Literal.String.Double
'\t\t'  Text
'off'  Text
'\t\t'  Text
'\\n'  Literal.String.Escape

'\t\t'  Text
'UCS4'  Text
'\t\t'  Text
""Use UCS4 for unicode support""  Literal.String.Double
'\t\t'  Text
'on'  Text
'\t\t'  Text
'\\n'  Literal.String.Escape

'\t\t'  Text
'PYMALLOC'  Text
'\t\t'  Text
""Use python\'s internal malloc""  Literal.String.Double
'\t\t'  Text
'on'  Text
'\t\t'  Text
'\\n'  Literal.String.Escape
"IPV6" Text
'' Text
""Enable IPv6 support"" Literal.String.Double
'' Text
'on' Text
'' Text
'\n' Literal.String.Escape

'\\t' Text
'FPECTL' Text
'' Text
""Enable floating point exception handling"" Literal.String.Double
'' Text
'off' Text
'un\n' Text

.include <bsd.port.pre.mk>\n' Comment.Preproc

'\n' Text

'.if ${PYTHON_VERSION} == ${PYTHON_DEFAULT_VERSION}\n' Comment.Preproc

'MLINKS' Name.Variable
'=' Operator
'\\t' Text
'${' Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
'}} Literal.String.Interpol
'.1' Text
'\n' Text

'PLIST_SUB' Name.Variable
'+=' Operator
'\\t' Text
'IF_DEFAULT' Name.Variable
'=' Operator
'' Literal.String.Double
'\n' Text

'.else\n' Comment.Preproc

'PLIST_SUB' Name.Variable
'+=' Operator
'\\t' Text
'IF_DEFAULT' Name.Variable
='=' Operator
""@comment " Literal.String.Double
'un' Text

'.endif
'un' Comment.Preproc

'un' Text

'# workaround for a bug in base curses.h
' Comment

'CFLAGS' Name.Variable
'+=' Operator
'un' Text
'-D__wchar_t' Text
'=' Operator
'wchar_t' Text
'un' Text

'.if !defined(WITHOUT_THREADS)
' Comment.Preproc

'CFLAGS' Name.Variable
'+=' Operator
'un' Text
'-D--with-threads' Text
'un' Text

'CFLAGS' Name.Variable
'+=' Operator
'un' Text
'$\{\' Literal.String.Interpol
'PTHREAD_CFLAGS' Name.Variable
'\}' Literal.String.Interpol
'un' Text

'.if defined(WITHOUT_HUGE_STACK_SIZE)
' Comment.Preproc

'CFLAGS' Name.Variable
'+=' Operator
'un' Text
'-DTHREAD_STACK_SIZE' Text
'=' Operator
'0x20000' Text
'un' Text

'.else
' Comment.Preproc
`CFLAGS` Name.Variable
`+=` Operator
`
` Text
`-DTHREAD_STACK_SIZE` Text
`=` Operator
`0x100000` Text
`
` Text
`.
endif # defined(WITHOUT_HUGE_STACK_SIZE)
`CONFIGURE_ENV` Name.Variable
`+=` Operator
`
` Text
`LDFLAGS` Name.Variable
`=` Operator
`"""` Literal.String.Double
`${` Literal.String.Interpol
`PTHREAD_LIBS` Name.Variable
`}` Literal.String.Interpol
`"` Literal.String.Double
`un` Text
`.
else
`CONFIGURE_ARGS` Name.Variable
`+=` Operator
`
` Text
`--without-threads` Text
`un` Text
`.
if defined(LDFLAGS)
`CONFIGURE_ENV` Name.Variable
`+=` Operator
`
` Text
`LDFLAGS` Name.Variable
`="` Literal.String.Double
`"` Literal.String.Double
`un` Text
`.
if defined(LDFLAGS)
`CONFIGURE_ENV` Name.Variable
`+=` Operator
`
` Text
`LDFLAGS` Name.Variable
`="` Literal.String.Double
`"` Literal.String.Double
`un` Text

---

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`endif # defined(LDFLAGS)`

`endif # !defined(WITHOUT_THREADS)`

`\n` Text

`.if !defined(WITHOUT_UCS4) && !defined(WITH_UCS2)`

`'CONFIGURE_ARGS' Name.Variable`  
`'+=' Operator`  
`'u' Text`  
`'--enable-unicode' Text`  
`'=' Operator`  
`'ucs4' Text`  
`'u' Text`

`.endif \n` Comment.Precproc

`\n` Text

`.if defined(WITHOUT_PYMALLOC)`

`'CONFIGURE_ARGS' Name.Variable`  
`'+=' Operator`  
`' ' Text`  
`'--without-pymalloc' Text`  
`'u' Text`

`.endif \n` Comment.Precproc

`\n` Text

`.if ${ARCH} == i386`  
`'PLIST_SUB' Name.Variable`  
`'+=' Operator`  
`'u' Text`  
`'X86_ONLY' Name.Variable`  
`'=' Operator`  
`'""' Literal.String.Double`  
`'u' Text`

`.else \n` Comment.Precproc

`'PLIST_SUB' Name.Variable`  
`'+=' Operator`  
`'u' Text`  
`'X86_ONLY' Name.Variable`  
`'=' Operator`  
`'""' Literal.String.Double`  
`'u' Text`

`.else \n` Comment.Precproc

`'PLIST_SUB' Name.Variable`  
`'+=' Operator`  
`'u' Text`  
`'X86_ONLY' Name.Variable`


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'= Operator
"@comment " Literal.String.Double
'\n' Text

'.endif' Comment.Preproc

'.if ${ARCH} == amd64 || ${ARCH} == ia64 || ${ARCH} == sparc64 || ${ARCH} == alpha' Comment.Preproc

'PLIST_SUB' Name.Variable
'+=' Operator
' ' Text
'32BIT_ONLY' Name.Variable
'=' Operator
'"@comment " Literal.String.Double
'\n' Text

'.else' Comment.Preproc

'PLIST_SUB' Name.Variable
'+=' Operator
' ' Text
'32BIT_ONLY' Name.Variable
'=' Operator
'"= Literal.String.Double
'\n' Text

'.endif' Comment.Preproc

'.if ${ARCH} == sparc64' Comment.Preproc

'CFLAGS' Name.Variable
'+=' Operator
' ' Text
'PYTHON_DEFAULT_RECURSION_LIMIT' Text
'=' Operator
'900' Literal.Number
'\n' Text

'.endif' Comment.Preproc

'\n' Text

'.if !exists(/usr/bin/ypcat) # the world with NO_NIS' Comment.Preproc

'PLIST_SUB' Name.Variable
'+=' Operator
' ' Text
'NO_NIS' Name.Variable
=` Operator
"@comment " Literal.String.Double
'\n' Text

'.else\n' Comment.Preproc

'PLIST_SUB' Name.Variable
'\n' Text
'NO_NIS' Name.Variable
'=' Operator
'\n' Text

'.endif\n' Comment.Preproc

'\n' Text

'.if !defined(WITHOUT_IPV6)\n' Comment.Preproc

'CONFIGURE_ARGS' Name.Variable
'\n' Text
'--enable-ipv6' Text
'\n' Text

'.else\n' Comment.Preproc

'CONFIGURE_ARGS' Name.Variable
'\n' Text
'--disable-ipv6' Text
'\n' Text

'.endif\n' Comment.Preproc

'\n' Text

'.if defined(WITH_FPECTL)\n' Comment.Preproc

'CONFIGURE_ARGS' Name.Variable
'\n' Text
'--with-fpectl' Text
'\n' Text

'.endif\n' Comment.Preproc
'.if ${OSVERSION} >= 700000

'PLATFORMS' Name.Variable
'=' Operator
'plat-freebsd4' Text
'' Text
'plat-freebsd5' Text
'' Text
'plat-freebsd6' Text
'un' Text

'.elif ${OSVERSION} >= 600000

'PLATFORMS' Name.Variable
'=' Operator
'plat-freebsd4' Text
'' Text
'plat-freebsd5' Text
'' Text
'plat-freebsd7' Text
'un' Text

'.else

'PLATFORMS' Name.Variable
'=' Operator
'plat-freebsd4' Text
'' Text
'plat-freebsd6' Text
'' Text
'plat-freebsd7' Text
'un' Text

'.endif

'pre-patch' Name.Function
':' Operator
'un' Text

'${'} Literal.String.Interpol
'MKDIR' Name.Variable
'}' Literal.String.Interpol
'' Text
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```
> "\n
> '${WRKDIR}/idle2.5' Text

> "un\t Text

> '${} Literal.String.Interpol

> 'SED' Name.Variable

> '}' Literal.String.Interpol

> ' -e' Text

> '\n' Literal.String.Escape

> '${WRKDIR}/smtpd2.5.py' Text

> '> Text

> '> Text

> '${} Literal.String.Interpol

> 'WRKDIR' Name.Variable

> '}/Lib/pydoc.py Text

> '\n' Literal.String.Escape

> '\n' Text

> '${} Literal.String.Interpol

> 'PATCH_WRKSRC' Name.Variable

> '}/Lib/smtpd.py Text

> '> Text

> '> Text

> '${} Literal.String.Interpol

> 'WRKDIR' Name.Variable

> '}/Lib/smtpd.py Text

> '\n' Literal.String.Escape

> '\n' Text

> '${} Literal.String.Interpol

> 'REINPLACE_CMD' Name.Variable

> '}/Lib/pydoc.py Text

> '\n' Literal.String.Escape

> '\n' Text

> '${} Literal.String.Interpol

> 'PATCH_WRKSRC' Name.Variable

> '}/Lib/smtpd.py Text
```

```bash
"s|\n..INSTALL_SCRIPT.*\npython-config$$\#port \1|"" Literal.String.Single
'' Text
'\n' Literal.String.Escape

'\n' Text
'${'          Literal.String.Interpol
'PATCH_WRKSRC' Name.Variable
'}' Literal.String.Interpol
'/Makefile.pre.in' Text
'un\n' Text
'${'          Literal.String.Interpol
'SED'         Name.Variable
'}' Literal.String.Interpol
'' Text
'-e' Text
'' Text
"s|^#!.*|#!${PREFIX}/bin/${PYTHON_VERSION:S/thon/thon-shared/}|"" Literal.String.Single
'' Text
'\n' Literal.String.Escape

'\n' Text
'${'          Literal.String.Interpol
'PATCH_WRKSRC' Name.Variable
'}' Literal.String.Interpol
'/Misc/python-config.in' Text
'' Text
'>' Text
'' Text
'${'          Literal.String.Interpol
'WRKDIR'     Name.Variable
'}' Literal.String.Interpol
'>' Text
'${'          Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
'}' Literal.String.Interpol
'-config' Text
'un\n' Text
'${'          Literal.String.Interpol
'SED'        Name.Variable
'}' Literal.String.Interpol
'-e' Text
'' Text
'' Text
"s|^#!.*|#/\$\{PYTHON_VERSION:S/thon/thon-shared/\}|"" Literal.String.Single
'' Text
'\n' Literal.String.Escape

'\n' Text
```

`$(` Literal.String.Interpol
  'PATCH_WRKSRC' Name.Variable
  `)` Literal.String.Interpol
  `/Misc/python-config.in` Text
  `

  `>` Text
  `)` Text
  `$(` Literal.String.Interpol
  'WRKDIR' Name.Variable
  `)` Literal.String.Interpol
  `'` Text
  `$(` Literal.String.Interpol
  'PYTHON_VERSION' Name.Variable
  `:' Name.Variable
  'S' Name.Variable
  `/thon/thon-shared/` Punctuation
  `)` Literal.String.Interpol
  `-config` Text
  `un

  `.if defined(WITH_FPECTL) && `$ARCH` == i386` Text

`\t` Text
`$(` Literal.String.Interpol
  'MKDIR' Name.Variable
  `)` Literal.String.Interpol
  `''` Text
  `$(` Literal.String.Interpol
  'WRKSRC' Name.Variable
  `)` Literal.String.Interpol
  `/Modules` Text
  `un\t` Text
  `$(` Literal.String.Interpol
  'ECHO' Name.Variable
  `)` Literal.String.Interpol
  `''` Text
  "fpectl fpectlmodule.c" Literal.String.Double
  `''` Text
  `>>>` Text
  `''` Text
  `$(` Literal.String.Interpol
  'WRKSRC' Name.Variable
  `)` Literal.String.Interpol
  `/Modules/Setup.dist` Text
  `un` Text

  `.endif` Comment.Preproc

`.endif` Comment.Preproc
'un'  Text

'post-configure' Name.Function
  ':'  Operator
  'un'  Text

'it'  Text
  '${'  Literal.String.Interpol
  'TAR'  Name.Variable
  '}'  Literal.String.Interpol
  ''  Text
  '-C'  Text
  ''  Text
  '${'  Literal.String.Interpol
  'WRKSRC'  Name.Variable
  '}'  Literal.String.Interpol
  ''  Text
  '-cf'  Text
  ''  Text
  '-'  Text
  ''  Text
  '-'  Text
  ''  Text
  '|'  Punctuation
  ''  Text
  '${'  Literal.String.Interpol
  'TAR'  Name.Variable
  '}'  Literal.String.Interpol
  ''  Text
  '-C'  Text
  ''  Text
  '${'  Literal.String.Interpol
  'SHARED_WRKSRC'  Name.Variable
  '}'  Literal.String.Interpol
  ''  Text
  '-xf'  Text
  ''  Text
  '-'  Text
  'u
'  Text
  '${'  Literal.String.Interpol
  'LN'  Name.Variable
  '}'  Literal.String.Interpol
  ''  Text
  '-sf'  Text
  ''  Text
  '${'  Literal.String.Interpol
  'PYTHON_WRKSRC'  Name.Variable
  '}'  Literal.String.Interpol
'/Lib'
'\n'
'
'$\{'
'WRKSRC'
'}'
'
'$\{'
'SED'
'}'
'
'\n'
'
'"s,^\(LDLIBRARY=\).*$$,\1libpython$(VERSION).so,"'
'\n'
'
'"s,^\(BLDLIBRARY=\).*$$,\1-L. -lpython$(VERSION),"
'\n'
'
'"s,^\(CFLAGSFORSHARED=\).*$$,\1$(CCSHARED),"
'\n'
'
'"s,^\(Makefile Modules/config.c:.*\)Makefile.pre,\1,"'
'\n'
'
'"s,^\((BUILDPYTHON)\: .*\)\(LIBRARY\),\1,"
"s,\(,(BUILD\_PYTHON):, *,\(,(LIBRARY),\*\," Literal.String.Single
' ' Text
'\n' Literal.String.Escape

'\n' Text
'$\{' Literal.String.Interpol
'WRKSRC' Name.Variable
'\}' Literal.String.Interpol
'/Makefile' Text
' ' Text
'>' Text
' ' Text
'$\{' Literal.String.Interpol
'SHARED\_WRKSRC' Name.Variable
'\}' Literal.String.Interpol
'/Makefile' Text
'\n' Text

'pre\-build' Name.Function
'.' Operator
'\n' Text

'\n' Text
'cd' Name.Builtin
' ' Text
'$\{' Literal.String.Interpol
'SHARED\_WRKSRC' Name.Variable
'\}' Literal.String.Interpol
'.' Punctuation
' ' Text
'\n' Literal.String.Escape

'\n' Text
'$\{' Literal.String.Interpol
'SETENV' Name.Variable
'\}' Literal.String.Interpol
' ' Text
'$\{' Literal.String.Interpol
'MAKE\_ENV' Name.Variable
'\}' Literal.String.Interpol
' ' Text
'$\{' Literal.String.Interpol
'MAKE' Name.Variable
'\}' Literal.String.Interpol
' ' Text
'lib' Text
'$\{' Literal.String.Interpol
'PYTHON\_VERSION' Name.Variable
'\t' Text
'${' Literal.String.Interpol
'LN'} Name.Variable
'} Literal.String.Interpol
' ' Text
'-f' Text
' ' Text
'lib' Text
'${' Literal.String.Interpol
'PYTHON_VERSION' Name.Variable
'} Literal.String.Interpol
' ' Text
'

'pre-su-install' Name.Function
for platform in ${PLATFORMS}

for file in ${INSTALL_DATA} 'IN.py regen'
"\n' Text
'\n' Text

'.endfor' Comment.Preproc

'.endfor' Comment.Preproc

'\n' Text

'pre-install' Name.Function
' :' Operator
'\n' Text

'\t' Text
'S{'} Literal.String.Interpol
'CAT' Name.Variable
'\'}' Literal.String.Interpol
' ' Text
'S{'} Literal.String.Interpol
'PLIST_TEMPLATE' Name.Variable
'\'}' Literal.String.Interpol
' ' Text
'\}' Punctuation
' ' Text
'S{'} Literal.String.Interpol
'AWK' Name.Variable
'\'}' Literal.String.Interpol
' ' Text
'\{ print $$0; } \nunt/LIBDIR.*\.py$$/ && !/\/bad/ { print $$0 "o"; print $$0 "c"; }\}' Literal.String.Single
'\t' Text
'\>' Text
' ' Text
'S{'} Literal.String.Interpol
'PLIST' Name.Variable
'\'}' Literal.String.Interpol
'\n\n' Text

"#t@# if openssl 0.9.8 is detected, _sha{256,512} module won't be installed\n" Comment

'\t' Text
'\}' Operator
'\}' Operator
' ' Text
'\-' Text
' ' Text
'S{'} Literal.String.Interpol
'WRKSRC' Name.Variable
'\'}' Literal.String.Interpol
```
''   Text
'${'   Literal.String.Interpol
'PREFIX'   Name.Variable
'}'   Literal.String.Interpol
'/bin'   Text
'\n'   Text

@# shared version of executable and library\n' Comment

'@'   Text
'${'   Literal.String.Interpol
'INSTALL_PROGRAM'   Name.Variable
'}'   Literal.String.Interpol
''   Text
'${'   Literal.String.Interpol
'SHARED_WRKSRC'   Name.Variable
'}'   Literal.String.Interpol
'/lib'   Text
'${'   Literal.String.Interpol
'PYTHON_VERSION'   Name.Variable
'}'   Literal.String.Interpol
'.so.1'   Text
''   Text
'\n'   Literal.String.Escape

'\t'   Text
'${'   Literal.String.Interpol
'PREFIX'   Name.Variable
'}'   Literal.String.Interpol
'/lib'   Text
'\n'   Text
'cd'   Name.Builtin
''   Text
'${'   Literal.String.Interpol
'PREFIX'   Name.Variable
'}'   Literal.String.Interpol
'/lib'   Text
'\n'   Text
'${'   Literal.String.Interpol
'LN'   Name.Variable
'}'   Literal.String.Interpol
'-sf'   Text
''   Punctuation
''   Text
'${'   Literal.String.Interpol
'PYTHON_VERSION'   Name.Variable
''   Text
'\n'   Text
'lib'   Text
'${'   Literal.String.Interpol
'PYTHON_VERSION'   Name.Variable
```

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...' Literal.String.Interpol
'.so.1' Text
'' Text
'\\n' Literal.String.Escape

'\t\t' Text
'lib' Text
'
\${' PYTHON_VERSION' Name.Variable '}
'\t' Literal.String.Interpol
'.so' Text
'\n\t' Text
'
\${' LN' Name.Variable '}
'\t' Literal.String.Interpol
'-' Text
'\t\t' Text
'
\${' PREFIX' Name.Variable '}
'\t' Literal.String.Interpol
'\lib\lib' Text
'
\${' PYTHON_VERSION' Name.Variable '}
'\t' Literal.String.Interpol
'.so' Text
'' Text
'
\${' PYTHONPREFIX_LIBDIR' Name.Variable '}
'\t' Literal.String.Interpol
'/config' Text
'
\n\' Literal.String.Escape

'\t\t' Text
'
${' INSTALL_PROGRAM' Name.Variable '}
'\t' Literal.String.Interpol
'' Text
'
'\\n' Literal.String.Escape

'\t\t' Text
'
${' SHARED_WRKSRC' Name.Variable '}
'\t' Literal.String.Interpol
'.' Text
'
${' PYTHON_VERSION' Name.Variable '}
'.' Punctuation
'S' Name.Variable
'\thon/thon-shared/' Punctuation
'ECHO_CMD' Name.Variable
'\'' Text
'$$' Name.Variable
'f' Text
'\'' Text
'\n' Punctuation
'\'' Text
'$$' Literal.String.Interpol
'SED' Name.Variable
'\'' Literal.String.Interpol
'f' Text
'E' Text
'SED' Literal.String.Interpol
'BINLINKS_SUB' Name.Variable
'\'' Literal.String.Interpol
'\'' Literal.String.Backtick
'\'' Punctuation
'\'' Text
'\n' Literal.String.Escape
'\n' Text
'cd' Name.Builtin
'\'' Text
'$$' Literal.String.Interpol
'PREFIX' Name.Variable
'\'' Literal.String.Interpol
'/bin' Text
'\'' Text
'&&' Operator
'\'' Text
'$$' Literal.String.Interpol
'LN' Name.Variable
'\'' Literal.String.Interpol
'f' Text
'\'' Text
'$$' Name.Variable
'TARGET' Text
'\'' Text
'$$' Name.Variable
'f' Text
'\'' Punctuation
'\'' Text
'\n' Literal.String.Escape
'\t' Text
1.2993 concurrent 1.3.4

1.2993.1 Available under license:

No license file was found, but licenses were detected in source scan.

/
  File: ReaderPreferenceReadWriteLock.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
  Date  Who  What
  11Jun1998 dl  Create public version
/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
/*
File: SyncSortedMap.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date    Who    What
1Aug1998 dl    Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/SyncSortedMap.java
No license file was found, but licenses were detected in source scan.

/*
File: Semaphore.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date    Who    What
11Jun1998 dl    Create public version
5Aug1998 dl    replaced int counters with longs
24Aug1999 dl    release(n): screen arguments
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/Semaphore.java
No license file was found, but licenses were detected in source scan.

/*
File: SynchronizationTimer.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.
History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>7Jul1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
<tr>
<td>16Jul1998</td>
<td>dl</td>
<td>fix initialization error for compute loops</td>
</tr>
<tr>
<td></td>
<td></td>
<td>combined into one frame</td>
</tr>
<tr>
<td></td>
<td></td>
<td>misc layout and defaults changes</td>
</tr>
<tr>
<td></td>
<td></td>
<td>increase printed precision</td>
</tr>
<tr>
<td></td>
<td></td>
<td>overlap get/set in Executor tests</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Swap defaults for swing import</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Active thread counts reflect executors</td>
</tr>
<tr>
<td>30Aug1998</td>
<td>dl</td>
<td>Misc revisions to mesh with 1.1.0</td>
</tr>
<tr>
<td>27Jan1999</td>
<td>dl</td>
<td>Eliminate GC calls</td>
</tr>
<tr>
<td>24Nov2001</td>
<td>dl</td>
<td>Increase some default values</td>
</tr>
</tbody>
</table>

Found in path(s):

* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/misc/SynchronizationTimer.java

No license file was found, but licenses were detected in source scan.

/*
File: SemaphoreControlledChannel.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>16Jun1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
<tr>
<td>5Aug1998</td>
<td>dl</td>
<td>replaced int counters with longs</td>
</tr>
<tr>
<td>08Dec2001</td>
<td>dl</td>
<td>reflective constructor now uses longs too.</td>
</tr>
</tbody>
</table>

Found in path(s):

* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/SemaphoreControlledChannel.java

No license file was found, but licenses were detected in source scan.

/*
File: Task.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.
Open Source Used In Data Center Network Manager 11 11.5(4) 29715
Found in path(s):
*/

File: WaitableLong.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who           What
23Jun1998 dl       Create public version
13may2004 dl       Add notifying bit ops
*/

Found in path(s):
*/

File: PooledExecutor.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who           What
19Jun1998 dl       Create public version
29aug1998 dl       rely on ThreadFactoryUser,
                    remove ThreadGroup-based methods
                    adjusted locking policies
3mar1999 dl        Worker threads sense decreases in pool size
31mar1999 dl       Allow supplied channel in constructor;
                    add methods createThreads, drain
15may1999 dl       Allow infinite keepalives
21oct1999 dl       add minimumPoolSize methods
7sep2000 dl         BlockedExecutionHandler now an interface,
                    new DiscardOldestWhenBlocked policy
12oct2000 dl       add shutdownAfterProcessingCurrentlyQueuedTasks
13nov2000 dl       null out task ref after run
08apr2001 dl declare inner class ctor protected
12nov2001 dl Better shutdown support
                  Blocked exec handlers can throw IE
                  Simplify locking scheme
25jan2001 dl  {get, set} BlockedExecutionHandler now public
17may2002 dl  null out task var in worker run to enable GC.
30aug2003 dl  check for new tasks when timing out
18feb2004 dl  replace dead thread if no others left
*/

Found in path(s):
/* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
   jar/EDU/oswego/cs/dl/util/concurrent/PooledExecutor.java
   No license file was found, but licenses were detected in source scan.
*/

File: Rendezvous.java

Originally written by Doug Lea and released into the public domain.  
This may be used for any purposes whatsoever without acknowledgment.  
Thanks for the assistance and support of Sun Microsystems Labs,  
and everyone contributing, testing, and using this code.

History:
Date   Who              What
11Jun1998 dl    Create public version
30Jul1998 dl   Minor code simplifications
*/

Found in path(s):
/* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
   jar/EDU/oswego/cs/dl/util/concurrent/Rendezvous.java
   No license file was found, but licenses were detected in source scan.
*/

File: Executor.java

Originally written by Doug Lea and released into the public domain.  
This may be used for any purposes whatsoever without acknowledgment.  
Thanks for the assistance and support of Sun Microsystems Labs,  
and everyone contributing, testing, and using this code.

History:
Date   Who              What
19Jun1998 dl    Create public version
*/

Found in path(s):
No license file was found, but licenses were detected in source scan.

File: FIFOReadWriteLock.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date Who What
11Jun1998 dl Create public version
23Nov2001 dl Replace main algorithm with fairer
version based on one by Alexander Terekhov

No license file was found, but licenses were detected in source scan.

File: TimeoutException.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date Who What
29Jun1998 dl Create public version
4Aug1998 dl Change to extend InterruptedException

No license file was found, but licenses were detected in source scan.

Converted from heat.cilk, which is
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* prior written authorization from the Massachusetts Institute of
* Technology.
* 
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/taskDemo/Heat.java

No license file was found, but licenses were detected in source scan.

/*
File: PropertyChangeMulticaster.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

This class is based on Sun JDK java.beans.VetoableChangeSupport,
which is copyrighted by Sun. (It shares practically no code, but for
consistency, the documentation was lifted and adapted here.)

History:
Date    Who    What
14Mar1999 dl    first release
*/
Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/VetoableChangeMulticaster.java
No license file was found, but licenses were detected in source scan.

/*
 File: LockedExecutor.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date    Who    What
21Jun1998  dl    Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/LockedExecutor.java
No license file was found, but licenses were detected in source scan.

/*
 File: SynchronizedLong.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date    Who    What
19Jun1998  dl    Create public version
15Apr2003  dl    Removed redundant "synchronized" for multiply()
23Jan04  dl    synchronize self-swap case for swap
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedLong.java
No license file was found, but licenses were detected in source scan.

/*
 File: ReentrantLock.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>11Jun1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
<tr>
<td>5Aug1998</td>
<td>dl</td>
<td>replaced int counters with longs</td>
</tr>
</tbody>
</table>

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/ReentrantLock.java

No license file was found, but licenses were detected in source scan.

/*

File: TimeoutSync.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>1Aug1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
</tbody>
</table>

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/TimeoutSync.java

No license file was found, but licenses were detected in source scan.

/*

File: FJTaskRunner.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>7Jan1999</td>
<td>dl</td>
<td>First public release</td>
</tr>
<tr>
<td>13Jan1999</td>
<td>dl</td>
<td>correct a stat counter update; ensure inactive status on run termination; misc minor cleaup</td>
</tr>
<tr>
<td>14Jan1999</td>
<td>dl</td>
<td>Use random starting point in scan; variable renamings.</td>
</tr>
</tbody>
</table>
18Jan1999 dl    Runloop allowed to die on task exception;
 remove useless timed join
22Jan1999 dl    Rework scan to allow use of priorities.
6Feb1999 dl     Documentation updates.
7Mar1999 dl     Add array-based coInvoke
31Mar1999 dl    Revise scan to remove need for NullTasks
27Apr1999 dl    Renamed
23Oct1999 dl    Earlier detect of interrupt in scanWhileIdling
24Nov1999 dl    Now works on JVMs that do not properly
 implement read-after-write of 2 volatiles.

/*

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
 jar/EDU/oswego/cs/dl/util/concurrent/FJTaskRunner.java
No license file was found, but licenses were detected in source scan.

*/

File: Takable.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date    Who    What
11Jun1998 dl    Create public version

/*

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
 jar/EDU/oswego/cs/dl/util/concurrent/Takable.java
No license file was found, but licenses were detected in source scan.

*/

File: Slot.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date    Who    What
11Jun1998 dl    Create public version
25Aug1998 dl    added peek

*/
Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/Slot.java
No license file was found, but licenses were detected in source scan.

/*
File: WaiterPreferenceSemaphore.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who       What
11Jun1998 dl    Create public version
5Aug1998 dl    replaced int counters with longs
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/WaiterPreferenceSemaphore.java
No license file was found, but licenses were detected in source scan.

/*
File: FutureResult.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who       What
30Jun1998 dl    Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/FutureResult.java
No license file was found, but licenses were detected in source scan.

/*
File: CopyOnWriteArrayList.java

Written by Doug Lea. Adapted and released, under explicit
permission, from JDK1.2 ArrayList.java
which carries the following copyright:

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*
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* it only in accordance with the terms of the license agreement
* you entered into with Sun.

History:
Date    Who    What
21Jun1998 dl    Create public version
9Oct1999 dl    faster equals
29Jun2001 dl    Serialization methods now private
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/CopyOnWriteArrayList.java
No license file was found, but licenses were detected in source scan.

/*
File: ThreadedExecutor.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date    Who    What
21Jun1998 dl    Create public version
28Aug1998 dl    factored out ThreadFactoryUser
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/ThreadedExecutor.java
No license file was found, but licenses were detected in source scan.

/*
File: WaitFreeQueue.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thank you for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 Jun 1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
<tr>
<td>5 Aug 1998</td>
<td>dl</td>
<td>replaced int counters with longs</td>
</tr>
<tr>
<td>17 Nov 2001</td>
<td>dl</td>
<td>Simplify given Bill Pugh's observation that counted pointers are unnecessary.</td>
</tr>
</tbody>
</table>

*/

Found in path(s):

* /opt/ cola/ permits/ 1108370201_1606134306.42/ 0/concurrent- 1-3-4-sources- 1-jar/ EDU/ oswego/ cs/ dl/ util/ concurrent/ WaitFreeQueue.java

No license file was found, but licenses were detected in source scan.

*/

File: Mutex.java

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History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 Jun 1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
</tbody>
</table>

*/

Found in path(s):

* /opt/ cola/ permits/ 1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/Mutex.java

No license file was found, but licenses were detected in source scan.

*/

File: BoundedPriorityQueue.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 Jun 1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
<tr>
<td>25 Aug 1998</td>
<td>dl</td>
<td>added peek</td>
</tr>
<tr>
<td>29 Aug 1998</td>
<td>dl</td>
<td>pulled heap mechanics into separate class</td>
</tr>
</tbody>
</table>

*/
Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1.jar/EDU/oswego/cs/dl/util/concurrent/BoundedPriorityQueue.java
No license file was found, but licenses were detected in source scan.

/*
File: BoundedChannel.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date    Who    What
11Jun1998 dl    Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1.jar/EDU/oswego/cs/dl/util/concurrent/BoundedChannel.java
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/*
File: SynchronizedShort.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date    Who    What
19Jun1998 dl    Create public version
15Apr2003 dl    Removed redundant "synchronized" for multiply()
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1.jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedShort.java
No license file was found, but licenses were detected in source scan.

/*
File: ReentrantWriterPreferenceReadWriteLock.java

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This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
Date Who What
26aug1998 dl Create public version
7sep2000 dl Readers are now also reentrant
19jan2001 dl Allow read->write upgrades if the only reader
10dec2002 dl Throw IllegalStateException on extra release

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/ReentrantWriterPreferenceReadWriteLock.java
No license file was found, but licenses were detected in source scan.

/*
File: Callable.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
Date Who What
30Jun1998 dl Create public version
5Jan1999 dl Change Exception to Throwable in call signature
27Jan1999 dl Undo last change

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/Callable.java
No license file was found, but licenses were detected in source scan.

/*
File: PrioritySemaphore.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
Date Who What
11Jun1998 dl Create public version

*/
Found in path(s):
  */opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/PrioritySemaphore.java
No license file was found, but licenses were detected in source scan.

/*
File: WaitableRef.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who   What
19Jun1998 dl   Create public version
*/

Found in path(s):
  */opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/WaitableRef.java
No license file was found, but licenses were detected in source scan.

/*
File: LinkedQueue.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who   What
11Jun1998 dl   Create public version
25aug1998 dl   added peek
10dec1998 dl   added isEmpty
10oct1999 dl   lock on node object to ensure visibility
*/

Found in path(s):
  */opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/LinkedQueue.java
No license file was found, but licenses were detected in source scan.

/*
File: ConcurrentHashMap

Open Source Used In Data Center Network Manager 11 11.5(4) 29728
Written by Doug Lea. Adapted and released, under explicit permission, from JDK1.2 HashMap.java and Hashtable.java which carries the following copyright:

* Copyright 1997 by Sun Microsystems, Inc.,
* 901 San Antonio Road, Palo Alto, California, 94303, U.S.A.
* All rights reserved.
* This software is the confidential and proprietary information
  * of Sun Microsystems, Inc. ("Confidential Information"). You
  * shall not disclose such Confidential Information and shall use
  * it only in accordance with the terms of the license agreement
  * you entered into with Sun.

History:
Date      Who                What
26nov2000 dl               Created, based on ConcurrentReaderHashMap
12jan2001 dl               public release
17nov2001 dl               Minor tunings
24oct2003 dl               Segment implements Serializable
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/ConcurrentHashMap.java
No license file was found, but licenses were detected in source scan.

/*
File: BoundedBuffer.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date      Who          What
11Jun1998 dl          Create public version
17Jul1998 dl          Simplified by eliminating wait counts
25aug1998 dl          added peek
5May1999 dl           replace % with conditional (slightly faster)
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/BoundedBuffer.java
No license file was found, but licenses were detected in source scan.
/*
File: SyncSortedSet.java

Originally written by Doug Lea and released into the public domain. 
This may be used for any purposes whatsoever without acknowledgment. 
Thanks for the assistance and support of Sun Microsystems Labs, 
and everyone contributing, testing, and using this code.

History:
Date    Who    What
1Aug1998 dl    Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/SyncSortedSet.java
No license file was found, but licenses were detected in source scan.

*/
 File: Channel.java

Originally written by Doug Lea and released into the public domain. 
This may be used for any purposes whatsoever without acknowledgment. 
Thanks for the assistance and support of Sun Microsystems Labs, 
and everyone contributing, testing, and using this code.

History:
Date    Who    What
11Jun1998 dl    Create public version
25aug1998 dl    added peek
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/Channel.java
No license file was found, but licenses were detected in source scan.

*/
 File: NullSync.java

Originally written by Doug Lea and released into the public domain. 
This may be used for any purposes whatsoever without acknowledgment. 
Thanks for the assistance and support of Sun Microsystems Labs, 
and everyone contributing, testing, and using this code.

History:
Date    Who    What
1Aug1998 dl    Create public version
Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/NullSync.java
No license file was found, but licenses were detected in source scan.

/*

File: QueuedSemaphore.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date     Who  What
11Jun1998 dl  Create public version
5Aug1998  dl  replaced int counters with longs
24Aug1999 dl  release(n): screen arguments
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/QueuedSemaphore.java
No license file was found, but licenses were detected in source scan.

/*

File: WaitableChar.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date     Who  What
23Jun1998 dl  Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/WaitableChar.java
No license file was found, but licenses were detected in source scan.

/*

File: SynchronizedByte.java
Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who   What
19Jun1998 dl   Create public version
15Apr2003 dl   Removed redundant "synchronized" for multiply()

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedByte.java
No license file was found, but licenses were detected in source scan.

File: WaitableByte.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who   What
23Jun1998 dl   Create public version
13may2004 dl   Add notifying bit ops

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/WaitableByte.java
No license file was found, but licenses were detected in source scan.

File: BoundedLinkedQueue.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who   What
11Jun1998 dl   Create public version
17Jul1998 dl   Simplified by eliminating wait counts
25aug1998 dl   added peek
Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/BoundedLinkedQueue.java
No license file was found, but licenses were detected in source scan.

/*
File: SwingWorker.java

Originally written by Joseph Bowbeer and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.

Originally part of jozart.swingutils.
Adapted for util.concurrent by Joseph Bowbeer.

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/misc/SwingWorker.java
No license file was found, but licenses were detected in source scan.

/*
File: SynchronousChannel.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date       Who                What
11Jun1998  dl               Create public version
17Jul1998  dl               Disabled direct semaphore permit check
31Jul1998  dl               Replaced main algorithm with one with
                              better scaling and fairness properties.
25aug1998  dl               added peek
24Nov2001  dl               Replaced main algorithm with faster one.

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/SynchronousChannel.java
No license file was found, but licenses were detected in source scan.
/*
File: ThreadFactory.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date Who What
30Jun1998 dl Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/ThreadFactory.java
No license file was found, but licenses were detected in source scan.

/*
File: Puttable.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date Who What
11Jun1998 dl Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/Puttable.java
No license file was found, but licenses were detected in source scan.

/*
File: Sync.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date Who What
11Jun1998 dl Create public version
5Aug1998 dl Added some convenient time constants
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1.jar/EDU/oswego/cs/dl/util/concurrent/Sync.java
No license file was found, but licenses were detected in source scan.

*/

File: WaitableDouble.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who   What
23Jun1998  dl   Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1.jar/EDU/oswego/cs/dl/util/concurrent/WaitableDouble.java
No license file was found, but licenses were detected in source scan.

*/

File: DirectExecutor.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who   What
21Jun1998  dl   Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1.jar/EDU/oswego/cs/dl/util/concurrent/DirectExecutor.java
No license file was found, but licenses were detected in source scan.

*/

File: Heap.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>29Aug1998</td>
<td>dl</td>
<td>Refactored from BoundedPriorityQueue</td>
</tr>
<tr>
<td>08dec2001</td>
<td>dl</td>
<td>Null out slots of removed items</td>
</tr>
<tr>
<td>03feb2002</td>
<td>dl</td>
<td>Also null out in clear</td>
</tr>
</tbody>
</table>

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/Heap.java

No license file was found, but licenses were detected in source scan.

/*
File: ConditionVariable.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>11Jun1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
</tbody>
</table>

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/CondVar.java

No license file was found, but licenses were detected in source scan.

/*
File: SyncMap.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>1Aug1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
</tbody>
</table>

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
File: WaitableShort.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
Date    Who    What
23Jun1998 dl      Create public version
13May2004 dl    Add notifying bit ops

File: ReadWriteLock.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
Date    Who    What
11Jun1998 dl      Create public version

File: SynchronizedFloat.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.
History:
Date  Who                What
19Jun1998 dl  Create public version
15Apr2003 dl  Removed redundant "synchronized" for multiply()

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedFloat.java
No license file was found, but licenses were detected in source scan.

/*
File: FIFOSemaphore.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date  Who                What
11Jun1998 dl  Create public version

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedInt.java
No license file was found, but licenses were detected in source scan.

/*
File: SynchronizedInt.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date  Who                What
19Jun1998 dl  Create public version
15Apr2003 dl  Removed redundant "synchronized" for multiply()

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedInt.java
No license file was found, but licenses were detected in source scan.
/*
File: QueuedExecutor.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date       Who                What
21Jun1998  dl               Create public version
28aug1998  dl               rely on ThreadFactoryUser, restart now public
4may1999   dl               removed redundant interrupt detect
7sep2000   dl               new shutdown methods
20may2004  dl               can shutdown even if thread not created yet
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/QueuedExecutor.java
No license file was found, but licenses were detected in source scan.

/*
File: SyncSet.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date       Who                What
1Aug1998   dl               Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/SyncSet.java
No license file was found, but licenses were detected in source scan.

/*
File: SynchronizedBoolean.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.
History:
Date   Who  What
19Jun1998 dl  Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedBoolean.java
No license file was found, but licenses were detected in source scan.

*/

File: DefaultChannelCapacity.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who  What
11Jun1998 dl  Create public version
25may2000 dl  Change class access to public
26nov2001 dl  Added no-arg constructor, all public access.
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/DefaultChannelCapacity.java
No license file was found, but licenses were detected in source scan.

*/

File: LinkedNode.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date   Who  What
11Jun1998 dl  Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/LinkedNode.java
No license file was found, but licenses were detected in source scan.
/*
File: ThreadFactoryUser.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date  Who                What
28aug1998 dl               refactored from Executor classes
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/ThreadFactoryUser.java
No license file was found, but licenses were detected in source scan.

/*
File: WaitableInt.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date  Who                What
23Jun1998 dl               Create public version
13may2004 dl               Add notifying bit ops
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/WaitableInt.java
No license file was found, but licenses were detected in source scan.

/*
File: CountDown.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date  Who                What
11Jun1998 dl               Create public version
Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/CountDown.java
No license file was found, but licenses were detected in source scan.

/*
File: WriterPreferenceReadWriteLock.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date       Who                What
11Jun1998  dl               Create public version
5Aug1998   dl               replaced int counters with longs
25aug1998  dl               record writer thread
3May1999   dl               add notifications on interrupt/timeout
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
  jar/EDU/oswego/cs/dl/util/concurrent/WriterPreferenceReadWriteLock.java
No license file was found, but licenses were detected in source scan.

/*
File: FJTaskRunnerGroup.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date       Who                What
7Jan1999   dl                 First public release
12Jan1999  dl                 made getActiveCount public; misc minor cleanup.
14Jan1999  dl                 Added executeTask
20Jan1999  dl                 Allow use of priorities; reformat stats
6Feb1999   dl                 Lazy thread starts
27Apr1999  dl                 Renamed
*/

Found in path(s):
version.

All classes are released to the public domain and may be used

Found in path(s):
*/opt/cola/permits/1108370201_1606134306.42/o/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/intro.html
*/opt/cola/permits/1108370201_1606134306.42/o/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/package-summary.html
*/opt/cola/permits/1108370201_1606134306.42/o/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/package.html

File: Latch.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
Date     Who    What
11Jun1998 dl      Create public version
*/

Found in path(s):
*/opt/cola/permits/1108370201_1606134306.42/o/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/Latch.java

File: Barrier.java

Originally written by Doug Lea and released into the public domain. This may be used for any purposes whatsoever without acknowledgment. Thanks for the assistance and support of Sun Microsystems Labs, and everyone contributing, testing, and using this code.

History:
Date     Who    What
11Jun1998 dl      Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1.jar/EDU/oswego/cs/dl/util/concurrent/Barrier.java
No license file was found, but licenses were detected in source scan.

/*
 File: SynchronizedDouble.java

Originally written by Doug Lea and released into the public domain.
This may be used for any purposes whatsoever without acknowledgment.
Thanks for the assistance and support of Sun Microsystems Labs,
and everyone contributing, testing, and using this code.

History:
Date       Who                What
19Jun1998  dl               Create public version
15Apr2003  dl               Removed redundant "synchronized" for multiply()
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1.jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedDouble.java
No license file was found, but licenses were detected in source scan.

/*
 File: Fraction.java

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History:
Date       Who                What
7Jul1998   dl               Create public version
11Oct1999  dl               add hashCode
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1.jar/EDU/oswego/cs/dl/util/concurrent/misc/Fraction.java
No license file was found, but licenses were detected in source scan.

/*
 File: ObservableSync.java

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History:
Date       Who    What
1Aug1998   dl      Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/ObservableSync.java
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/*
File: ConcurrentReaderHashMap

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History:
Date       Who    What
28oct1999  dl      Created
14dec1999  dl      jmm snapshot
19apr2000  dl      use barrierLock
12jan2001  dl      public release
17nov2001  dl      Minor tunings
20may2002  dl      BarrierLock can now be serialized.
09dec2002  dl      Fix interference checks.
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/ConcurrentReaderHashMap.java
No license file was found, but licenses were detected in source scan.

/*
File: SyncCollection.java
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History:
Date  Who            What
1Aug1998 dl        Create public version

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/SyncCollection.java
No license file was found, but licenses were detected in source scan.

/* File: BrokenBarrierException.java

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History:
Date  Who            What
29Jun1998 dl        Create public version

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/BrokenBarrierException.java
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/* File: WaitableFloat.java

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History:
Date  Who            What
23Jun1998 dl        Create public version

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
/*
File: SynchronizedChar.java

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History:
Date  Who    What
19Jun1998 dl   Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
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/*
File: SynchronizedRef.java

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History:
Date  Who    What
11Jun1998 dl   Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedRef.java
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/*
File: WaitableBoolean.java

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History:
Date       Who                What
19Jun1998  dl               Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/WaitableBoolean.java
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History:
Date       Who                What
30Jun1998  dl               Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/SynchronizedVariable.java
No license file was found, but licenses were detected in source scan.

/*
File: CyclicBarrier.java

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History:
Date       Who                What
11Jul1998  dl               Create public version
28Aug1998  dl               minor code simplification
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/CyclicBarrier.java
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/*
File: PropertyChangeMulticaster.java
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This class is based on Sun JDK java.beans.VetoableChangeSupport, which is copyrighted by Sun. (It shares practically no code, but for consistency, the documentation was lifted and adapted here.)

History:

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Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/PropertyChangeMulticaster.java

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File: SyncList.java

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History:

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<th>What</th>
</tr>
</thead>
<tbody>
<tr>
<td>1Aug1998</td>
<td>dl</td>
<td>Create public version</td>
</tr>
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</table>

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-jar/EDU/oswego/cs/dl/util/concurrent/SyncList.java

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File: CopyOnWriteArraySet.java

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History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Who</th>
<th>What</th>
</tr>
</thead>
</table>
22Jun1998 dl Create public version
*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/CopyOnWriteArraySet.java
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TimedCallable.java

Originally written by Joseph Bowbeer and released into the public domain.
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Originally part of jozart.swingutils.
Adapted by Doug Lea for util.concurrent.

History:
Date   Who    What
11dec1999 dl    Adapted for util.concurrent

*/

Found in path(s):
* /opt/cola/permits/1108370201_1606134306.42/0/concurrent-1-3-4-sources-1-
jar/EDU/oswego/cs/dl/util/concurrent/TimedCallable.java

1.2994 jackson-databind 2.10.0

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It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
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It is currently developed by a community of developers, as well as supported
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### 1.2995 infinispan-hibernate-cache-commons

#### 9.3.1. Final

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### 1.2996 jackson-dataformat-yaml 2.10.5

#### 1.2996.1 Available under license:

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### 1.2997 maven-plugin-api 2.0.7

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// Version 2.0, in this case for Maven Plugin API

Maven Plugin API

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1.2998 hdrhistogram 2.1.9

1.2999 python-rpm-macros 3-34.el7

1.2999.1 Available under license:
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Found in path(s):
* /opt/cola/permits/1131596671_1612975273.77/0/python-rpm-macros-3-34.el7-1.src.rpm-cosi-expand-archive-ZW94dt5J/python-rpm-macros.spec

1.3000 remoting-jmx 3.0.0.Final

1.3000.1 Available under license:
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Version 2.1, February 1999

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6,
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6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.
For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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in the event an application does not supply such function or
table, the facility still operates, and performs whatever part of
its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the
application. Therefore, Subsection 2d requires that any
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be optional: if the application does not supply it, the square
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 */

package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }
}
public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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$project.name #if ($project.url)($project.url)#end $project.artifact
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```

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 */

package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;

}

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1.3004 jackson 2.8.11

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The quantization and dithering code in pngquant is lifted from Jef Poskanzer's 'ppmquant', part of his wonderful PBMPPLUS tool suite.

Greg Roelofs hacked it into a (in his words) "slightly cheesy" 'pamquant' back in 1997 (see http://pobox.com/~newt/greg_rgba.html) and finally he ripped out the cheesy file-I/O parts and replaced them with nice PNG code in December 2000. The PNG reading and writing code is a merged and slightly simplified version of readpng, readpng2, and writepng from his book "PNG: The Definitive Guide."
In 2014 Greg has relicensed the code under the simplified BSD license.

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Jar file: com/google/api/client/util/ByteStreams.java

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lib/readline/doc/rluser.texi (part of the GNU Readline Library manual)

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support/man2html.c

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  author: root
1.3024 spring-boot-starter-data-elasticsearch

2.2.11.RELEASE

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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1.3028 pylint 2.3.1

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 */

Found in path(s):
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/util/WriterHandler.java
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// more details.

Found in path(s):
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/Driver.java
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Manifest-Version: 1.0
Implementation-Title: PostgreSQL JDBC Driver
Bundle-License: BSD-2-Clause
Implementation-Version: 42.2.14.jre7
Specification-Vendor: Oracle Corporation
Specification-Title: JDBC
Implementation-Vendor-Id: org.postgresql
Specification-Version: 4.1
Implementation-Vendor: PostgreSQL Global Development Group
* This code is a stripped down version of Robert Harder's Public Domain Base64 implementation. GZIP
* support, InputStream and OutputStream stuff and some unneeded encode/decode methods have been
* removed. </p>
*
* -- Original comments follow --</p>
*
* Encodes and decodes to and from Base64 notation. </p>
*
* Change Log:
* </p>
* <ul>
* <li>v2.1 - Cleaned up javadoc comments and unused variables and methods. Added some convenience
* methods for reading and writing to and from files. </li>
* <li>v2.0.2 - Now specifies UTF-8 encoding in places where the code fails on systems with other
* encodings (like EBCDIC). </li>
* <li>v2.0.1 - Fixed an error when decoding a single byte, that is, when the encoded data was a
* single byte. </li>
* <li>v2.0 - I got rid of methods that used booleans to set options. Now everything is more
* consolidated and cleaner. The code now detects when data that's being decoded is gzip-compressed
* and will decompress it automatically. Generally things are cleaner. You'll probably have to
* change some method calls that you were making to support the new options format (int) instead
* of that you "OR" together. </li>
* <li>v1.5.1 - Fixed bug when decompressing and decoding to a byte[] using
* stream. </li>
* <li>v1.5 - Output stream passes on flush() command but doesn't do anything itself. This helps when
* using GZIP streams. Added the ability to GZip-compress objects before encoding them. </li>
* <li>v1.4 - Added helper methods to read/write files. </li>
* <li>v1.3.6 - Fixed OutputStream.flush() so that 'position' is reset. </li>
* <li>v1.3.5 - Added flag to turn on and off line breaks. Fixed bug in input stream where last
* buffer being read, if not completely full, was not returned. </li>
* <li>v1.3.4 - Fixed when "improperly padded stream" error was thrown at the wrong time. </li>
* <li>v1.3.3 - Fixed I/O streams which were totally messed up. </li>
* </ul>
*
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* guarantees or warranties but with plenty of well-wishing instead! Please visit
* a href="http://iharder.net/base64">http://iharder.net/base64</a> periodically to check for
* updates or to contribute improvements.
Found in path(s):
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/util/Base64.java
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Found in path(s):
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/zh_TW.po
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/ja.po
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/pl.po
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/it.po
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/bg.po
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* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/fr.po
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* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/zh_CN.po
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/de.po
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/pt_BR.po
* /opt/cola/permits/1106204234_1605323236.01/0/postgresql-42-2-14-jre7-sources-jar/org/postgresql/translation/es.po

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The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide
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Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be
allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square
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Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
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However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
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When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
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Any executables containing that work also fall under Section 6,
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6. As an exception to the Sections above, you may also combine or
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modification of the work for the customer's own use and reverse
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of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

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   These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

   Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.
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1.3043 wildfly-controller-client 6.0.2.Final

1.3044 xorg-x11-font-utils 7.5 21.el7
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1.3047 shared-mime-info 1.8 4.el7

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# Contributions to the urllib3 project

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  * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
  * NTLM-authenticated HTTPSConnectionPool
  * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
  * Client-verified SSL certificates for HTTPSConnectionPool
  * Response gzip and deflate encoding support
  * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
  * Non-multipart encoding for POST requests

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* Thomas Weischuh <thomas@t-8ch.de>
  * Support for TLS SNI
  * API unification of ssl_version/cert_reqs
  * SSL fingerprint and alternative hostname verification
  * Bugfixes in testsuite

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* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbruce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravelosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support
* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
  * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffiacolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
* Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <tomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
  * App Engine environment tests.
  * Documentation re-write.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from `HTTPResponse.stream()`.
  * Bugfix for `ConnectionPool.urlopen(release_conn=False)`.
  * Creation of `HTTPConnectionPool.ResponseCls`.

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
* Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to ‘memoryview’ usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@googlemail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
  * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.
* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
  * Fix `util.selectors._fileobj_to_fd` to accept `long`.
  * Update appveyor tox setup to use the 64bit python.

* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite

* Will Bond <will@wbond.net>
  * Add Python 2.6 support to `contrib.securetransport`

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add `HTTPResponse.geturl` method to provide `urlib2.urlopen().geturl()` behavior

* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
  * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
  * Add ability to handle multiple Content-Encodings
1.3050 ceph 10.2.5 4.el7

1.3050.1 Available under license:

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2.6.3.jbosssorg-001

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  margin: 0.25in 0.5in 0.25in 0.5in;
  tab-interval: 0.5in;
}
p {
  margin-left: auto;
  margin-top: 0.5em;
  margin-bottom: 0.5em;
}
p.list {
  margin-left: 0.5in;
  margin-top: 0.05em;
  margin-bottom: 0.05em;
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 */

package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {
        this.description = description;
    }

    public String getPermission() {
        return permission;
    }

    public void setPermission(String permission) {
        this.permission = permission;
    }

    /**
     * Indicates that this permission has been allocated by default.
     * Authorization View handlers may use this property in order to restrict
     * the list of scopes which may be refused to non-default scopes only
     * @param isDefault
     */
    public void setDefault(boolean value) {
        this.isDefault = value;
    }

    public boolean isDefault() {
        return isDefault;
    }

    }
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import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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1.3061 v8 6.8.275.32

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Written by: Philip Hazel
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* /opt/cola/permits/1148131674_1638235322.63/0/spring-expression-5-1-4-release-sources-1-
  jar/org/springframework/expression/spel/OperatorPower.java
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* /opt/cola/permits/1148131674_1638235322.63/0/spring-expression-5-1-4-release-sources-1-
  jar/org/springframework/expression/spel/standard/SpelExpressionParser.java
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* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-jar/org/springframework/jndi/JndiLocatorSupport.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-jar/org/springframework/context/support/StaticMessageSource.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-jar/org/springframework/context/support/FileSystemXmlApplicationContext.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-jar/org/springframework/context/support/ClassPathXmlApplicationContext.java

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 */
/**
 * @link FactoryBean\) that obtains a WebSphere \{@link javax.management.MBeanServer\} reference through WebSphere's proprietary \{code AdminServiceFactory\} API,
 * available on WebSphere 5.1 and higher.
 *
 * <p>Exposes the \{code MBeanServer\} for bean references.
 * This FactoryBean is a direct alternative to \{link MBeanServerFactoryBean\},
 * which uses standard JMX 1.2 API to access the platform's MBeanServer.
 *
 *
 * @author Juergen Hoeller
 * @author Rob Harrop
 * @since 2.0.3
 * @see javax.management.MBeanServer
 * @see MBeanServerFactoryBean
 */

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* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2.jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java
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* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2.jar/org/springframework/instrument/classloading/SimpleThrowawayClassLoader.java
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  jar/org/springframework/context/support/SimpleThreadScope.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-
  jar/org/springframework/format/FormatterRegistry.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-
  jar/org/springframework/cache/CacheManager.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-
  jar/org/springframework/validation/AbstractErrors.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-
  jar/org/springframework/remoting/support/RemoteInvocation.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-
  jar/org/springframework/format/AnnotationFormatterFactory.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-
  jar/org/springframework/context/support/LiveBeansView.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-
  jar/org/springframework/cache/support/CompositeCacheManager.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-
  jar/org/springframework/context/annotation/ConfigurationClassEnhancer.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-
  jar/org/springframework/remoting/support/RemoteInvocationResult.java

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* Unless required by applicable law or agreed to in writing, software
* Indicates that a component is only eligible for registration when all
*  [@linkplain #value() specified conditions] match.
*  
* <p>A <em>condition</em> is any state that can be determined programmatically
*  before the bean definition is due to be registered (see [@link Condition] for details).
*  
* <p>The [@code @Conditional] annotation may be used in any of the following ways:
*  
*  <ul>
*  <li>as a type-level annotation on any class directly or indirectly annotated with
*  [@code @Component], including [@link Configuration @Configuration] classes</li>
*  <li>as a meta-annotation, for the purpose of composing custom stereotype
*  annotations</li>
*  <li>as a method-level annotation on any [@link Bean @Bean] method</li>
*  </ul>
*  
* <p>If a [@code @Configuration] class is marked with [@code @Conditional], all of the
*  [@code @Bean] methods and [@link Import @Import] annotations associated with that class
*  will be subject to the conditions.
*  
* <p>NOTE: [@code @Conditional] annotations are not inherited; any conditions from
*  superclasses or from overridden methods are not being considered.
*  
* @author Phillip Webb
* @since 4.0
* @see Condition
*/

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* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2.jar/org/springframework/jmx/export/annotation/ManagedAttribute.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2.jar/org/springframework/context/ApplicationEventPublisher.java
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* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2.jar/org/springframework/context/event/EventPublicationInterceptor.java
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* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-jar/org/springframework/jmx/export/MBeanExportException.java
* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2-jar/org/springframework/jmx/export/MBeanExporterListener.java
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  jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
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jar/org/springframework/remoting/support/RemoteInvocationBasedExporter.java
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* /opt/cola/permits/1148131358_1646350068.78/0/spring-context-4-0-2-release-sources-2.jar/org/springframework/scheduling/concurrent/ScheduledExecutorFactoryBean.java
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jar/com/lmax/disruptor/InsufficientCapacityException.java
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1.3084 byte-buddy 1.9.13

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* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/matcher/TypeSortMatcher.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-
jar/net/bytebuddy/dynamic/scaffold/subclass/SubclassDynamicTypeBuilder.java
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* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/dynamic/scaffold/MethodGraph.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/matcher/MethodOverrideMatcher.java
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* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/asm/MemberRemoval.java
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* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/implementation/bind/annotation/TargetMethodAnnotationDrivenBinder.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/matcher/FilterableList.java
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* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/description/annotation/AnnotationSource.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/matcher/*
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Manifest-Version: 1.0
Bundle-Description: Byte Buddy is a Java library for creating Java classes at run time. This artifact is a build of Byte Buddy with all ASM dependencies repackaged into its own name space.
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-SymbolicName: net.bytebuddy.byte-buddy
Built-By: rafael
Bnd-LastModified: 1558735218476
Bundle-ManifestVersion: 2
Tool: Bnd-3.5.0.201709291849
Main-Class: net.bytebuddy.build.Plugin$Engine$Default

* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1.9.13-sources-jar/net/bytebuddy/matcher/ErasureMatcher.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1.9.13-sources-jar/net/bytebuddy/description/modifier/Visibility.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1.9.13-sources-jar/net/bytebuddy/matcher/NegatingMatcher.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1.9.13-sources-jar/net/bytebuddy/dynamic/loading/NoOpClassFileTransformer.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1.9.13-sources-jar/net/bytebuddy/description/TypeVariableSource.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1.9.13-sources-jar/net/bytebuddy/build/HashCodeAndEqualsPlugin.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1.9.13-sources-jar/net/bytebuddy/implementation/bytecode/member/MethodVariableAccess.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1.9.13-sources-jar/net/bytebuddy/implementation/bytecode/StackManipulation.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1.9.13-sources-jar/net/bytebuddy/description/modifier/MethodStrictness.java
Bundle-Name: Byte Buddy (without dependencies)
Bundle-Version: 1.9.13
Multi-Release: true
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_201

Found in path(s):
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* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/jar/asm/MethodVisitor.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/jar/asm/ClassWriter.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/jar/asm/CurrentFrame.java
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* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/jar/asm/TypeReference.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/jar/asm/ClassReader.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/jar/asm/signature/SignatureWriter.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/jar/asm/Label.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/jar/asm/MethodTooLargeException.java
* /opt/cola/permits/1258958445_1643118904.17/0/byte-buddy-1-9-13-sources-jar/net/bytebuddy/jar/asm/FieldWriter.java
1.3085 plexus-io 2.0.4

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* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-
jar/io/reactivex/internal/schedulers/ComputationScheduler.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/schedulers/NewThreadScheduler.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/subscribers/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/exceptions/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/schedulers/TrampolineScheduler.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/parallel/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/plugins/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/observables/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableGroupJoin.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/disposables/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/schedulers/IoScheduler.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/annotations/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/exceptions/CompositeException.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableJoin.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowableGroupJoin.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/observers/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/schedulers/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/flowables/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/schedulers/SchedulerPoolFactory.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/subjects/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/processors/package-info.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowablePublishMulticast.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/BackpressureOverflowStrategy.java
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* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/parallel/ParallelTransformer.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowableRepeatWhen.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/parallel/ParallelFilterTry.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/maybe/MaybeCallbackObserver.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/single/SingleZipArray.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowableGroupBy.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/observers/BlockingObserver.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/maybe/MaybeTimer.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowableAllSingle.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/maybe/MaybeFlatMapSingleElement.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowableScanSeed.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableSerialized.java
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* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/subscribers/FutureSubscriber.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/BackpressureStrategy.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowableSkipLast.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/single/SingleHide.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableCount.java
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* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/schedulers/RxThreadFactory.java
* /opt/cola/permits/1003069732_1646171686.67/0.rxjava-2-1-16-sources-jar/io/reactivex/internal/subscriptions/BasicIntQueueSubscription.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableBuffer.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/processors/FlowableProcessor.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableReduceSeedSingle.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/maybe/MaybeFilter.java
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* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/Completable.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableFromPublisher.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/functions/Action.java

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* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/single/SingleToFlowable.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/mixed/ObservableSwitchMapCompletable.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/annotations/BackpressureSupport.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/observers/SerializedObserver.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/maybe/MaybeSwitchIfEmpty.java
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* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableConcatWithMaybe.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/fuseable/FlowableJust.java
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* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableTime.java
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* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources.jar/io/reactivex/internal/operators/flowable/FlowableSkipUntil.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources.jar/io/reactivex/internal/operators/flowable/FlowableCount.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources.jar/io/reactivex/internal/operators/flowable/FlowableOnBackpressureLatest.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources.jar/io/reactivex/internal/operators/flowable/FlowableDistinct.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources.jar/io/reactivex/internal/operators/flowable/FlowableMapPublisher.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources.jar/io/reactivex/internal/operators/flowable/FlowableDefer.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources.jar/io/reactivex/internal/operators/flowable/FlowableSkipUntil.java
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* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/util/ExceptionHelper.java
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* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/subjects/SerializedSubject.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowableScan.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/SingleOperator.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/subjects/PublishSubject.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/observers/InnerQueuedObserverSupport.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/observable/ObservableSwitchMap.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/completable/CompletableMergeDelayErrorArray.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/single/SingleDoAfterSuccess.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/maybe/MaybeFlatMapNotification.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/Observer.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowableUnsubscribeOn.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/internal/operators/flowable/FlowableBufferBoundarySupplier.java
* /opt/cola/permits/1003069732_1646171686.67/0/rxjava-2-1-16-sources-jar/io/reactivex/processors/MulticastProcessor.java

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1.3089 go-runtime 1.6
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signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

commit ef7344f09c5ce00eb519ed14598b2a8e39c68387
Author: Joseph Myers <joseph@codesourcery.com>
Date:   Sun Dec 22 14:49:48 2013 +0000

Flatten sysdeps/unix/bsd/bsd4.4 into sysdeps/unix/bsd.

As discussed in
<https://sourceware.org/ml/libc-alpha/2012-04/msg00840.html> and
<https://sourceware.org/ml/libc-alpha/2012-04/msg00989.html>, it seems appropriate to flatten sysdeps/unix/bsd/bsd4.4 into sysdeps/unix/bsd.

The bulk of the patch is just moving files. The only other changes are: update paths in sysdeps/mach/hurd/Implies and sysdeps/unix/sysv/linux/wait3.c; merge the two syscall.list files, with the removal of syscall that were in sysdeps/unix/bsd/syscalls.list but overridden in the bsd4.4 directory by .c files there.

Tested x86_64. The installed shared libraries are identical before and after the patch except for libc.so where the move of wait3.c (included by sysdeps/unix/sysv/linux/wait3.c) affects debug info, but the disassembly is unchanged.

* sysdeps/mach/hurd/Implies: Change unix/bsd/bsd4.4 to unix/bsd.
* sysdeps/unix/bsd/syscalls.list (chflags): Add entry from sysdeps/unix/bsd/bsd4.4/syscalls.list.
(fchflags): Likewise.
(revoke): Likewise.
(setlogin): Likewise.
(sigaltstack): Likewise.
(wait4): Likewise.
(sigblock): Remove.
(sigsetmask): Likewise.
(wait3): Likewise.
(waitpid): Likewise.

* sysdeps/unix/bsd/bsd4.4/syscalls.list: Remove file.
* sysdeps/unix/sysv/linux/wait3.c: Update directory of included
Hurd-based GNU systems.

The Hurd provides a rough superset of the functionality of 4.4 BSD.

rename from sysdeps/unix/bsd4.4/bsd4.4/bits/socketaddr.h
rename to sysdeps/unix/bsd/bits/socketaddr.h
diff --git a/sysdeps/unix/bsd/bsd4.4/syscalls.list b/sysdeps/unix/bsd/bsd4.4/syscalls.list
deleted file mode 100644
index a4d354685424ac61..0000000000000000
--- a/sysdeps/unix/bsd4.4/syscalls.list
+++ /dev/null
@@ -1,8 +0,0 @@
"- File nameCallerSyscall name# argsStrong nameWeak names
-
-chflags-chflags2chflags
-fchflags-fchflags2fchflags
-revoke-revoke1revoke
-setlogin-setlogin2setlogin
-sigalgstack-sigalgstack2__sigalgstacksигалстак
-wait4-wait4__wait4wait4

diff --git a/sysdeps/unix/bsd/bsd4.4/cmsg_nxthdr.c b/sysdeps/unix/bsd/cmsg_nxthdr.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/cmsg_nxthdr.c
rename to sysdeps/unix/bsd/cmsg_nxthdr.c
diff --git a/sysdeps/unix/bsd/bsd4.4/sigblock.c b/sysdeps/unix/bsd/sigblock.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/sigblock.c
rename to sysdeps/unix/bsd/sigblock.c
diff --git a/sysdeps/unix/bsd/bsd4.4/sigsetmask.c b/sysdeps/unix/bsd/sigsetmask.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/sigsetmask.c
rename to sysdeps/unix/bsd/sigsetmask.c
diff --git a/sysdeps/unix/bsd/bsd4.4/sigvec.c b/sysdeps/unix/bsd/sigvec.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/sigvec.c
rename to sysdeps/unix/bsd/sigvec.c
diff --git a/sysdeps/unix/bsd/syscalls.list b/sysdeps/unix/bsd/syscalls.list
index e84819dc1f19d148..9f48a14ad47f342 100644
--- a/sysdeps/unix/bsd/syscalls.list
+++ b/sysdeps/unix/bsd/syscalls.list
@@ -1,14 +1,16 @@
 # File nameCallerSyscall name# argsStrong nameWeak names
+
+chflags-chflags2chflags
+ fchflags-fchflags2fchflags
+ flock-flock2__flockflock
+ getdents-getdirentsys4__getdirentriesgetdirentsys
+ getdsz-getdtablesize0__getdtablesizgetdtablesize
+ getpagesz-getpagesz0__getpagesizgetpagesz
+ killpg-killpg2killpg
+ sigblock-sigblock1__sigblocksigblock
+ revoke-revoke1revoke
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similarity index 100%
rename from sysdeps/unix/bsd4.4/tcdrain.c
to sysdeps/unix/bsd/tcdrain.c
diff --git a/sysdeps/unix/bsd4.4/tcgetattr.c b/sysdeps/unix/bsd/tcgetattr.c
similarity index 100%
rename from sysdeps/unix/bsd4.4/tcgetattr.c
to sysdeps/unix/bsd/tcgetattr.c
diff --git a/sysdeps/unix/bsd4.4/tcsetattr.c b/sysdeps/unix/bsd/tcsetattr.c
similarity index 100%
rename from sysdeps/unix/bsd4.4/tcsetattr.c
to sysdeps/unix/bsd/tcsetattr.c
diff --git a/sysdeps/unix/bsd/bsd4.4/wait.c b/sysdeps/unix/bsd/wait.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/wait.c
to sysdeps/unix/bsd/wait.c
diff --git a/sysdeps/unix/bsd/bsd4.4/wait3.c b/sysdeps/unix/bsd/wait3.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/wait3.c
to sysdeps/unix/bsd/wait3.c
diff --git a/sysdeps/unix/bsd/bsd4.4/waitpid.c b/sysdeps/unix/bsd/waitpid.c
similarity index 100%
rename from sysdeps/unix/bsd/bsd4.4/waitpid.c
to sysdeps/unix/bsd/waitpid.c
diff --git a/sysdeps/unix/sysv/linux/wait3.c b/sysdeps/unix/sysv/linux/wait3.c
index 0b3bdee7771782b7b..2ff027f0e1d83eb2 100644
--- a/sysdeps/unix/sysv/linux/wait3.c
+++ b/sysdeps/unix/sysv/linux/wait3.c
@@ -1 +1 @@
#include <sysdeps/unix/bsd4.4/wait3.c>
#include <sysdeps/unix/bsd/wait3.c>
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Found in path(s):
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/AlarmCreatedEvent.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostVirtualSwitchBondBridge.java
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* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostAddFailedEvent.java
* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VcAgentUninstalledEvent.java
* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/NotSupportedHostForVFlash.java
* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/LargeRDMNotSupportedOnDatastore.java
* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ArrayOfTypeVirtualMachineDeviceRuntimeInfo.java
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* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VMwareDVSPvlanMapEntry.java
* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ArrayOfTypeExtensionPrivilegeInfo.java
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* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/RequestCanceled.java
* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/MtuMatchEvent.java
* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ScsiLunUnState.java
* /opt/cola/permissions/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostSystemResourceInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ProfilePolicyMetadata.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ArrayOfSelectionSet.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DvsHostBackInSyncEvent.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ArrayOfClusterRuleInfo.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DatastoreRenamedOnHostEvent.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostDiagnosticPartitionCreateOption.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/NetIpConfigInfoIpAddress.java

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 *
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  * @since 6.0
  */

Found in path(s):
  * /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
    jar/com/vmware/vim25/VirtualMachineConfigSpec.java
  * /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
    jar/com/vmware/vim25/VirtualMachineConfigInfo.java
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  * /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
    jar/com/vmware/vim25/mo/StorageResourceManager.java
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 * @since 6.0
 */
Found in path(s):
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualMachineFileLayoutExFileInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VMwareIpfixConfig.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualMachineVMCIDevice.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualMachineDatastoreInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualMachineRuntimeInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DatastoreInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualVideoCardOption.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualMachineVideoCard.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualDisk.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualMachineBootOptions.java

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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterVmComponentProtectionSettingsStorageVmReaction.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/BatchResultResult.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DistributedVirtualSwitchNetworkResourceControlVersion.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/CannotEnableVmcpForClusterReason.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterVmComponentProtectionSettingsVmReactionOnAPDCleared.java

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jar/com/vmware/vim25/ws/SoapAction.java
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* /opt/coa/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/GuestFileManager.java
* /opt/coa/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/HostCacheConfigurationManager.java
* /opt/coa/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mo/IscsiManager.java
* /opt/coa/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
jar/com/vmware/vim25/mox/VirtualMachineDeviceManager.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VsanHostConfigInfoStorageInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VsanHostDiskResult.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VsanClusterConfigInfoHostDefaultInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VsanHostConfigInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
  jar/com/vmware/vim25/VirtualMachineVMCIDeviceOption.java
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/**
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 * <pre>
 * {@code
 * <?xml version="1.0" encoding="UTF-8" ?>
 * <!--
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 * -->
 * <definitions targetNamespace="urn:vim25Service"
 * xmlns="http://schemas.xmlsoap.org/wsdl/"
 * xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
 * xmlns:interface="urn:vim25"
 * >
 * <import location="vim.wsdl" namespace="urn:vim25" />
 * <service name="VimService">
 * <port binding="interface:VimBinding" name="VimPort">
 * <soap:address location="https://localhost/sdk/vimService" />
 * </port>
 * </service>
 * </definitions>
 * }
 * </pre>
 * </p>
 * Utility class for checking the version of VISDK the server supports.
 * 
 * @author Steve JIN (sjin@vmware.com)
 */

Found in path(s):
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/util/VerUtil.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/ManagedObjectView.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/HostNetworkSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/PropertyFilter.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/ProfileManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/ServiceInstance.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/EventManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim/cf/ManagedObjectWatcher.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/ResourcePlanningManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/ClusterProfileManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/HostProfile.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/ViewManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/EventHistoryCollector.java

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doc.jar/com/vmware/vim25/mo/HttpNfcLease.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
doc.jar/com/vmware/vim25/mo/HostDiagnosticSystem.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
doc.jar/com/vmware/vim25/mo/ServerConnection.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
doc.jar/com/vmware/vim25/mo/VirtualMachineCompatibilityChecker.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
doc.jar/com/vmware/vim25/mo/ExtensibleManagedObject.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
doc.jar/com/vmware/vim25/mo/DiagnosticManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
doc.jar/com/vmware/vim25/mo/Profile.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
doc.jar/com/vmware/vim25/mo/TaskHistoryCollector.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-
doc.jar/com/vmware/vim25/mo/Task.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources.jar/com/vmware/vim25/VirtualMachineRelocateSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostConnectInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostNasVolumeSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DVSNetworkResourceManagementCapability.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterComputeResourceSummary.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterRuleInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualMachineFlagInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VirtualMachineFileLayoutExSnapshotLayout.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostVirtualNicSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostProfileManagerConfigTaskList.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/StorageIORMInfo.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/StorageDrsSpaceLoadBalanceConfig.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostListSummary.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterRecommendation.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/StorageIORMConfigSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterDasVmSettings.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/VMwareDVSFeatureCapability.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostActiveDirectoryInfo.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostConfigManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ConfigTarget.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/StorageIORMConfigOption.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostNtpConfig.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/StorageDrsPodConfigInfo.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/GatewayConnectFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/HostVsanInternalSystemVsanPhysicalDiskDiagnosticsResult.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/GatewayToHostTrustVerifyFault.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/GatewayOperationRefused.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/EVCConfigFault.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/GatewayHostNotReachable.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/GuestRegistryKeyParentVolatile.java
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jar/com/vmware/vim25/mo/MessageBusProxy.java
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jar/com/vmware/vim25/GuestRegistryKeyHasSubkeys.java
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jar/com/vmware/vim25/GuestRegistryKeyInvalid.java
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jar/com/vmware/vim25/GatewayToHostConnectFault.java
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jar/com/vmware/vim25/mo/ClusterEVCManager.java
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jar/com/vmware/vim25/HostVsanInternalSystemDeleteVsanObjectsResult.java
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jar/com/vmware/vim25/GuestMultipleMappings.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/VirtualMachineSnapshot.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/FaultToleranceDiskSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DrsSoftRuleViolationEvent.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterEVCManagerEVCState.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DvsHostInfrastructureTrafficResource.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DVSVmVnicNetworkResourcePool.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ClusterEVCManagerCheckResult.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/FaultToleranceConfigSpec.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/DvsVmVnicNetworkResourcePoolRuntimeInfo.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/HostAccessManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/GuestWindowsRegistryManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/OverheadMemoryManager.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/mo/HostCertificateManager.java
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    jar/com/vmware/vim25/mo/HostProfileManager.java
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    jar/com/vmware/vim25/mo/DistributedVirtualPortgroup.java
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* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/ReplicationVmInProgressFaultActivity.java
* /opt/cola/permits/1110675874_1606843708.75/0/yavijava-6-0-05-sources-jar/com/vmware/vim25/IncompatibleHostForVmReplicationIncompatibleReason.java
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Eclipse

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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

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* org.eclipse.jetty.orbit:javax.mail.glassfish

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Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

  * javax.servlet:javax.servlet-api
  * javax.annotation:javax.annotation-api
  * javax.transaction:javax.transaction-api
  * javax.websocket:javax.websocket-api

------

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

  * java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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MortBay

The following artifacts are ASL2 licensed. Based on selected classes from following Apache Tomcat jars, all ASL2 licensed.

org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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The following artifacts are CDDL + GPLv2 with classpath exception.
The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

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 */
/**
 * A [@link WebApplicationContext] that can be used to bootstrap itself from a contained
 * [@link ServletWebServerFactory] bean.
 * <p>
 * This context will create, initialize and run an [@link WebServer] by searching for a
 * single [@link ServletWebServerFactory] bean within the [@link ApplicationContext]
 * itself. The [@link ServletWebServerFactory] is free to use standard Spring concepts
 * (such as dependency injection, lifecycle callbacks and property placeholder variables).
 * <p>
 * In addition, any [@link Servlet] or [@link Filter] beans defined in the context will be
 * automatically registered with the web server. In the case of a single Servlet bean, the
 * '/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
* name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
* always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').
* <p>
* For more advanced configuration, the context can instead define beans that implement
* the [@link ServletContextInitializer] interface (most often
* [@link ServletRegistrationBean]s and/or [@link FilterRegistrationBean]s). To prevent
* double registration, the use of [@link ServletContextInitializer] beans will disable
* automatic Servlet and Filter bean registration.
* <p>
* Although this context can be used directly, most developers should consider using the
* [@link AnnotationConfigServletWebServerApplicationContext] or
* [@link XmlServletWebServerApplicationContext] variants.
* 
* @author Phillip Webb
* @author Dave Syer
* @author Scott Frederick
* @since 2.0.0
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

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jar/org/springframework/boot/rsocket/context/RSocketPortInfoApplicationContextInitializer.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources-jar/org/springframework/boot/diagnostics/analyzer/ValidationExceptionFailureAnalyzer.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources-jar/org/springframework/boot/web/server/PortInUseException.java

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* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/server/Http2.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/servlet/context/AnnotationConfigServletWebServerApplicationContext.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/ansi/AnsiOutput.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/jdbc/metadata/TomcatDataSourcePoolMetadata.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/jta/atomikos/AtomikosConnectionFactoryBean.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/context/FileEncodingApplicationListener.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/servlet/ServletComponentScanRegistrar.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/codec/CodecCustomizer.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/context/ApplicationContextInitializer.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/servlet/server/package-info.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/jackson/JsonComponentModule.java
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* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/jdbc/DatabaseDriver.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/embedded/tomcat/TomcatEmbeddedWebappClassLoader.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/security/servlet/ApplicationContextRequestMatcher.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/context/event/ApplicationPreparedEvent.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/builder/ParentContextApplicationContextInitializer.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/context/event/package-info.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/logging/log4j2/WhitespaceThrowablePatternConverter.java
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* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/jms/package-info.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/embedded/netty/NettyRouteProvider.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/servlet/ServletComponentHandler.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/jms/package-info.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/SpringApplicationBuilder.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/logging/AbstractLoggingSystem.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/servlet/DelegatingFilterProxyRegistrationBean.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/diagnostics/LoggingFailureAnalysisReporter.java

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* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/web/context/WebServerInitializedEvent.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/orm/jpa/hibernate/package-info.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources.jar/org/springframework/boot/context/properties/bind/MapBinder.java
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* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources-jar/org/springframework/boot/ApplicationRunner.java
* /opt/cola/permits/1106732892_1605662068.63/0/spring-boot-2-2-11-release-sources-jar/org/springframework/boot/context/properties/NestedConfigurationProperty.java
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1.3113 backport-util-concurrent 3.1

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1.3114 neethi 3.1.1

1.3115 libldb 1.5.4-2.el7

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* victor.vde <http://code.google.com/u/victor.vde/>
* HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
* NTLM-authenticated HTTPSConnectionPool
* Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
* Client-verified SSL certificates for HTTPSConnectionPool
* Response gzip and deflate encoding support
* Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
* Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRIBZDhBFXQB6/>
* Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
* Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
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* Thomas Kluyver <thomas@kluyver.me.uk>
* Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
* Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
* IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
* Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
* Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
* Support for TLS SNI
* API unification of ssl_version/cert_reqs
* SSL fingerprint and alternative hostname verification
* Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
* Optional SNI-support for Python 2 via PyOpenSSL.
* Marc Schlaich <marc.schlaich@gmail.com>
  * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
  * Correct six.moves conflict
  * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
  * Allowed to skip SSL hostname verification

* Cory Benfield <https://lukasa.co.uk/about/>
  * Stream method for Response objects.
  * Return native strings in header values.
  * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
  * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
  * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
  * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
  * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
  * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanyech@yandex-team.ru>
  * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
  * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
  * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
  * Disabled TLS compression in pyopenssl contrib module
  * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
  * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
* Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
  * HTTPHeaderDict and associated tests and docs
  * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
  * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
  * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
  * PEP8 Compliance and Linting
  * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
  * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
  * Google App Engine documentation

* Aaron Meurer <asmeurer@gmail.com>
  * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
  * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
  * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
  * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
  * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
  * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
  * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
  * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
  * App Engine environment tests.
* Documentation re-write.

* John Krauss <https://github.com/talos>
  * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
  * Fix pool-default headers not applying for url-encoded requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
  * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
  * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
  * Fix low-level exceptions leaking from ```HTTPResponse.stream()```
  * Bugfix for ```ConnectionPool.urlopen(release_conn=False)```
  * Creation of ```HTTPConnectionPool.ResponseCls```

* Predrag Gruevski <https://github.com/obi1kenobi>
  * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
  * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
  * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
  * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
  * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
  * Logging efficiency improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
  * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
  * Various character-encoding fixes/tweaks
  * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
  * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
* Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
  * History list to Retry object.
  * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
  * Ensure timeouts are not booleans and greater than zero.
  * Fixed infinite loop in `stream` when amt=None.
  * Added length_remaining to determine remaining data to be read.
  * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
  * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
  * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
  * Lazily load idna package

* Tom White <s6yglz1z3@mail2tor.com>
  * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
  * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
  * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
  * Bugfix to pyopenssl vendor

* Wolfgang Richter <wolfgang.richter@gmail.com>
  * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
  * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
  * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
  * Update appveyor tox setup to use the 64bit python.

* Akamai (through Jess Shapiro) <jshapiro@akamai.com>
  * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
  * Minor fixes in the test suite
* Will Bond <will@wbond.net>
  * Add Python 2.6 support to "contrib.securetransport"

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
  * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
  * Improve contribution guide
  * Add "HTTPResponse.geturl" method to provide "urllib2.urlopen().geturl()" behavior

* Bruce Merry <https://www.brucemerry.org.za>
  * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
  * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
  * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
  * Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
  * Remove Authorization header regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
  * Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
  * Remove a spurious TypeError from the exception chain inside
    HTTPConnectionPool._make_request(), also for BaseExceptions.

* [Your name or handle] <[email or website]>
  * [Brief summary of your changes]

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file (certdata.txt). This file can be found in the mozilla source tree:
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@(#) $RCSfile: certdata.txt,v $ $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

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  * in order to validate bearer tokens arriving to this server.
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@authParam clientId the identifier of a client within the OAUth2 Authorization Server
@authReturn this instance

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 */
package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {

    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }

    public void setDescription(String description) {

    }
}
public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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*/

package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support copying from
 * an input stream. OutputStreams that maintain their own byte buffer or
 * similar may be able to optimize the copy instead of using the
 * read/write into a temporary buffer that the normal IOUtils.copy method
 * requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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 */

package org.apache.cxf.rs.security.oauth.data;

/**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 */

public class Permission {
private String permission;
private String description;
private boolean isDefault;

public Permission() {
}

public Permission(String permission, String description) {
    this.description = description;
    this.permission = permission;
}

public String getDescription() {
    return description;
}

public void setDescription(String description) {

this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}
}

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import java.io.InputStream;

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 */
public interface CopyingOutputStream {
    int copyFrom(InputStream in) throws IOException;
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// ---------------------------------------------

1.3138 e2fsprogs 1.42.9-19.el7
1.3138.1 Available under license:

This is the Debian GNU/Linux prepackaged version of the static EXT2
file system consistency checker (e2fsck.static). The EXT2 utilities
were written by Theodore Ts'o <tytso@mit.edu> and Remy Card
<card@masi.ibp.fr>.

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# This is a Makefile stub which handles the creation of BSD shared libraries.
# In order to use this stub, the following makefile variables must be defined.

# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
@echo "MKDIR pic"
@mkdir -p pic

BSDLIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:$(BSDLIB_LIB)

$(BSDLIB_LIB): $(BSDLIB_OBJS)
(cd pic; ld -Bshareable -o $(BSDLIB_LIB) $(LDFLAGS_SHLIB) $(BSDLIB_OBJS))
$(MV) pic/$(BSDLIB_LIB) .
$(RM) -f ../$(BSDLIB_LIB)
(cd ..; $(LN) $(LINK_BUILD_FLAGS) `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSDLIB_LIB) $(BSDLIB_LIB))

install-shlibs install:: $(BSDLIB_LIB)
@echo "INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSDLIB_LIB)"
@$(INSTALL_PROGRAM) $(BSDLIB_LIB)\
$(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSDLIB_LIB) $(BSDLIB_LIB)
@-$$(LDCONFIG)

install-shlibs-strip: install-shlibs
uninstall-shlibs uninstall:
$@$(RM) -rf $(DESTDIR)/$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
$@$(RM) -rf pic
$@$(RM) -f $(BSD_LIB)
$@$(RM) -f ../$(BSD_LIB)

This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

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written by Theodore Ts'o <tytso@mit.edu> and Remy Card
<card@masi.ibp.fr>.
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Index: tdbsa/tdb.c
===================================================================
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
-
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Theodore Ts'o
23-June-2007

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This package was added to the e2fsprogs debian source package by Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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Upstream Author: Theodore Ts'o <tytso@mit.edu>

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Gadi Oxman, August 1995

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1.3146 queue 2.15.0

1.3146.1 Available under license:

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1.3147 jackson-datatype-jsr310 2.10.1

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1.3149 python 2.7.5-90.el7

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the
In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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</head>
<body>
<div id="banner">
<img src="banner.png" alt="uthash: a hash table for C structures" />
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1.3163 beanshell 2.0b4

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/**
 * Print the string value of the argument, which may be of any type.
 * If beanshell is running interactively, the output will always go to the
 * command line, otherwise it will go to System.out.
 */

Most often the printed value of an object will simply be the Java
toString() of the object. However if the argument is an array the contents
of the array will be (recursively) listed in a verbose way.

Note that you are always free to use System.out.println()
instead of print().
*/

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* /opt/cola/permits/1000060130_1646171457.83/0/bsh-2-0b4-jar/bsh/commands/print.bsh

1.3164 speex 1.2 0.19.rc1.el7

1.3165 wildfly-elytron-x500-principal

1.11.2.Final

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* /opt/cola/permits/1265207445_1643915099.34/0/wildfly-elytron-x500-principal-1-11-2-final-sources-
jar/org/wildfly/security/x500/principal/X500SubjectEvidenceDecoder.java

1.3166 smallrye-health 1.0.2
1.3166.1 Available under license :
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* /opt/cola/permits/1003070153_1646171680.88/0/smallrye-health-1-0-2-sources-jar/META-INF/maven/io.smallrye/smallrye-health/pom.xml

1.3167 pmd-jdk14 4.2.2
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Janino - An embedded Java[TM] compiler

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Jikes RVM Addendum.

We have modified Iburg in two ways:
(1) We modified the input patterns it accepts to be consistent with
our intermediate representation.
(2) We modified it to produce Java code instead of C code.
(3) Ian Rogers modified it to improve the quality of the code it generates.

All bug reports related to the use of jburg in building Jikes RVM
should be reported to the Jikes RVM project and _not_ to David R. Hanson or the iburg project. Please report them using the normal Jikes RVM bug reporting channels.

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A. HISTORY OF THE SOFTWARE

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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icon-security.png (originally dialog-warning.png)
icon-stylesheet.png (originally applications-graphics.png)
media-playback-pause.png
media-playback-start.png
process-stop.png
redo.png (modified version of edit-redo.png)
system-search.png
text-html.png
undo.png (modified version of edit-undo.png)
utilities-system-monitor.png
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The following files are from the Pasodoble Icon Theme
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File  Original filename
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zoom-in.png  viewmag+.png
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The actual DOM Java Language Binding classes in xml-commons came from:
http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/java-binding.html

The specification of DOM Level 3's various parts is at:
http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/
http://www.w3.org/TR/2004/REC-DOM-Level-3-LS-20040407/
http://www.w3.org/TR/2004/NOTE-DOM-Level-3-XPath-20040226/

The specification of DOM Level 2's various parts is at:
http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/
http://www.w3.org/TR/2000/REC-DOM-Level-2-Style-20001113/
http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversals-Range-20001113/
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The specification of DOM Level 1's various parts is at:

Links to all available W3C DOM Java Bindings can be found at:
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The actual classes of The Simple API for CSS (SAC) came from:
http://www.w3.org/Style/CSS/SAC/
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The actual DOM Java Language Binding classes for SMIL came from:
http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/
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body {
    size: 8.5in 11.0in;
    margin: 0.25in 0.5in 0.25in 0.5in;
    tab-interval: 0.5in;
}
p {
    margin-left: auto;
    margin-top: 0.5em;
    margin-bottom: 0.5em;
}
p.list {
    margin-left: 0.5in;
    margin-top: 0.05em;
    margin-bottom: 0.05em;
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 *
 package org.apache.cxf.rs.security.oauth.data;

 /**
 * Base permission description which is visible to
 * authorization handlers
 * @see OAuthAuthorizationData
 *
 public class Permission {
     private String permission;
     private String description;
     private boolean isDefault;

     public Permission() {

     }

 }
public Permission(String permission, String description) {
    this.description = description;
    this.permission = permission;
}

public String getDescription() {
    return description;
}

public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 * @param isDefault
 */
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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 */

package org.apache.cxf.io;

import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
* copying from an input stream. OutputStreams that maintain their
* own byte buffer or similar may be able to optimize the copy
* instead of using the read/write into a temporary buffer that
* the normal IOUtils.copy method requires.
*/

public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;

}

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Version 1.1

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* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1-
  jar/org/springframework/transaction/annotation/EnableTransactionManagement.java
* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1-
  jar/org/springframework/transaction/annotation/JtaTransactionAnnotationParser.java
* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1.jar/org/springframework/transaction/jta/SimpleTransactionFactory.java
* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1.jar/org/springframework/transaction/support/ResourceHolderSupport.java
* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1.jar/org/springframework/transaction/interceptor/MatchAlwaysTransactionAttributeSource.java
* /opt/ cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1.jar/org/springframework/jca/cci/object/MappingCommAreaOperation.java
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* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1.jar/org/springframework/jca/cci/CciOperationNotSupportedException.java
* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1.jar/org/springframework/transaction/annotation/Ejb3TransactionAnnotationParser.java
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* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1.jar/org/springframework/jca/cci/core/support/CciDaoSupport.java
* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1.jar/org/springframework/jca/cci/connection/SingleConnectionFactory.java

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* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1-
jar/org/springframework/jca/cci/core/support/CommAreaRecord.java
* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1-
jar/org/springframework/jca/cci/connection/ConnectionSpecConnectionFactoryAdapter.java
* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1-
jar/org/springframework/transaction/annotation/ProxyTransactionManagementConfiguration.java
* /opt/cola/permits/1148131638_1646350031.63/0/spring-tx-5-1-4-release-sources-1-jar/org/springframework/jca/ccI/connection/DelegatingConnectionFactory.java
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1.3170 hk2-runlevel 2.3.0-b10

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1.3171 python-oslo-config 8.2.0

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1.3172 xorg-x11-server-utils 7.7 20.el7

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The actual DOM Java Language Binding classes in xml-commons came from:
http://www.w3.org/TR/2004/REC-DOM-Level-3-Core-20040407/java-binding.html

The specification of DOM Level 3’s various parts is at:
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The specification of DOM Level 2’s various parts is at:
http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/
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http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversal-Range-20001113/
http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/

The specification of DOM Level 1’s various parts is at:

Links to all available W3C DOM Java Bindings can be found at:
The actual classes of The Simple API for CSS (SAC) came from:
http://www.w3.org/Style/CSS/SAC/
http://www.w3.org/2002/06/sacjava-1.3.zip

The actual DOM Java Language Binding classes for SMIL came from:
http://dev.w3.org/cvsweb/java/classes/org/w3c/dom/smil/
(both ElementTimeControl.java and TimeEvent.java were taken at revision 1.1)

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1.3177 libdb 5.3.21 25.el7

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include $(SRCROOT)/$(RULESDIR)/rules.prg

CPPFLAGS=$$(CPPOPTS) $$CPPOPTX)
CFLAGS=$$(COPTS) $$CWARNOPTS) $$COPTOPT) $$GCCOPTOPT) $$COPTX)
CPPOPTS=-I. -I$(ARCHDIR) -I$(OINCSDIR) $$INCDIRS=%=-I%) -I/sys $$OSDEFS)
COPTS=
CWOPTS=-Wall -Wtraditional \
-Wshadow -Wmissing-prototypes -Wstrict-prototypes
COPTOPT=-O
KDEFINES=-DKERNEL -D_KERNEL
#COPTDYN=-fpic
COPTGPROF=-pg

LIB_PREFIX=lib
LIB_SUFFIX=.a
#SHL_SUFFIX=.so.1.0

LIB_SOCKET=
LIB_MATH=-lm
#LIB_KVM=-lkvm
LIB_KVM=

LIBS_PATH=LS(OLIBSDIR)

LDFLAGS=$(LDOPTS) $(LDOPTX)
LDLIBS=$(LIBS) $(LIBX)

#LDOPTS=$(LIBS_PATH) $(LDPATH) $(RUNPATH)
LDOPTS=$(LIBS_PATH) $(LDPATH)
#LDOPTDYN=shared -Wl,-soname,$(TARGET)
#LNDYNLIB=@$(SYMLINK) $(TARGET) $(PTARGET_BASE).so

FLOAT_OPTIONS=

CC=@@echo "==> COMPILING \"$\""; gcc
LDCC=@@echo "==> LINKING \"$\""; gcc
DYNLD=@@echo "==> LINKING dynamic library \"$\""; gcc
RANLIB=@@echo "==> RANDOMIZING ARCHIVE \"$\""; ranlib
ARFLAGS=cr
LORDER=lorder
tsort

RMDEP=:
MKDEP=@@echo "==> MAKING DEPENDENCIES \"$\""; $(RMDEP); gcc -M

MKDEP_OUT=
ident "@(#)os-bsd-os.def1.1 98/09/27 "

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# Written 1998 by J. Schilling
###########################################################################

# Global os definitions for BSD/OS
#
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MANSTYLE=bsd
#ident "@(#)os-bsd-os.id1.2 03/01/15"

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_O_ARCH=$(_OSREL:3.%=bsd-os3)
O_ARCH=$(_O_ARCH:4.%=bsd-os)
-O_ARCH=-$(O_ARCH)
#ident "%W% %E% %Q%"

# global definitions for BSD/OS Systems
#

# Compiler stuff
#
#DEFCCOM=cc
DEFCCOM=gcc

# If the next line is commented out, compilation is done with max warn level
# If the next line is uncommented, compilation is done with minimal warnings
#
DEFINCDIRS=$(SRCROOT)/include
#LDPATH= -L/opt/schily/lib
#RUNPATH= -R $(INS_BASE)/lib -R /opt/schily/lib -R $(OLIBSDIR) Will probably not work

###########################################################################
#
# Installation config stuff
#
###########################################################################

#INS_BASE=/opt/schily
#INS_KBASE=/
INS_BASE=/tmp/schily
INS_KBASE=/tmp/schily/root
#
DEFUMASK=002
#
DEFINSMODEF=444
DEFINSMODEX=755
DEFINSUSR=bin
DEFINSGRP=bin

# ident "%W% %E% %Q%"

###########################################################################
#
# global definitions for BSD/OS Systems
#
###########################################################################

#
# Compiler stuff
#
###########################################################################

#DEFCCOM=cc
DEFCCOM=gcc

###########################################################################
#
# If the next line is commented out, compilation is done with max warn level
# If the next line is uncommented, compilation is done with minimal warnings
#
###########################################################################

#CWARNOPTS=

DEFINCDIRS=$(SRCROOT)/include
#LDPATH= -L/opt/schily/lib
#RUNPATH= -R $(INS_BASE)/lib -R /opt/schily/lib -R $(OLIBSDIR) Will probably not work

###########################################################################
#
# Installation config stuff
#
###########################################################################
INS_BASE=/opt/schily
INS_KBASE=/
#
DEFUMASK=002
#
DEFINSMODEF=444
DEFINSMODEX=755
DEFINSUSR=bin
DEFINSGRP=bin

#ident "@(#)i386-bsd-os-cc.rul1.5 03/01/15"
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###########################################################################
#
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#
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###########################################################################
include $(SRCROOT)/$(RULESDIR)/rules.prg
###########################################################################
CPPFLAGS=$(CPPOPTS) $(CPPOPTX)
CFLAGS=$(COPTS) $(CWARNOPTS) $(COPTOPT) $(GCCOPTOPT) $(COPTX)

CPPOPTS=-I. -IS(ARCHDIR) -IS(OINCSDIR) $(INCDIRS:%=-I%) -I/sys $(OSDEFS)
COPTS=
CWOPTS=-Wall -Wtraditional \
-Wshadow -Wmissing-prototypes -Wstrict-prototypes
COPTOPT=-O
KDEFINE=-DKERNEL -D_KERNEL
#COPTDYN=-fpic
COPTGPROF=-pg
LIB_PREFIX=lib
LIB_SUFFIX=.a
#SHL_SUFFIX=.so.1.0

LIB_SOCKET=
LIB_MATH=-lm
#LIB_KVM=-lkvm
LIB_KVM=

LIBS_PATH=-L$(OLIBSDIR)

LDFLAGS=\$(LDOPTS) $\$(LDOPTX)
LDLIBS=\$(LIBS) $\$(LIBX)

#LDOPTS=\$(LIBS_PATH) $\$(LDPATH) $\$(RUNPATH)
LDOPTS=\$(LIBS_PATH) $\$(LDPATH)
#LDOPTDYN=\=-shared -Wl,-soname,$\$(TARGET)
#LNDYNLIB=\=@\$(SYMLINK) $\$(TARGET) $\$(PTARGET_BASE).so

FLOAT_OPTIONS=

CC=@echo "==> COMPILING \"$@\""; gcc
LDCC=@echo "==> LINKING \"$@\""; gcc
DYNLD=@echo "==> LINKING dynamic library \"$@\""; gcc
RANLIB=@echo "==> RANDOMIZING ARCHIVE \"$@\""; ranlib
ARFLAGS=cr
LORDER=lorder
tSORT=tsort

RMDEP=:
MKDEP=@echo "==> MAKING DEPENDENCIES \"$@\"" $\$(RMDEP); gcc -M
MKDEP_OUT=

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include $(SRCROOT)/$(RULESDIR)/rules.prg
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CPPFLAGS=$CPPPOPTS $CPPPOPTX
CFLAGS=$COPTS $(WARNOPTS) $(OPTOPT) $(GCCOPTOPT) $(OPTX)

CPPPOPTS=-I. -I$(ARCHDIR) -I$(OINCSDIR) $(INCDIRS:%=-I%) -I/sys $(OSDEFS)
COPTS=
CWOPTS=-Wall -Wtraditional \ 
-Wshadow -Wmissing-prototypes -Wstrict-prototypes
COPTOPT=-O
KDEFINES=-DKERNEL -D_KERNEL
#COPTDYN=-fpic
COPTGPROF=-pg

LIB_PREFIX=lib
LIB_SUFFIX=.a
#SHL_SUFFIX=.so.1.0

LIB_SOCKET=
LIB_MATH=-lm
#LIB_KVM=-lkvm
LIB_KVM=

LIBS_PATH=-L$(OLIBSDIR)

LDFLAGS=$(LDOPTS) $(LDOPTX)
LDLIBS=$(LIBS) $(LIBX)

#LDOPTS=$(LIBS_PATH) $(LDPATH) $(RUNPATH)
LDOPTS=$(LIBS_PATH) $(LDPATH)
#LDOPTDYN=-shared -Wl,-soname,$(TARGET)
#LNDYNLIB=@$(SYMLINK) $(TARGET) $(PTARGET_BASE).so

FLOAT_OPTIONS=

CC=@echo "=> COMPILING \"$@\"": gcc
#shlicc2 is not present on older or newer systems
#LDCC=@echo "==> LINKING "$@""; shlicc2
LDCC=@echo "==> LINKING "$@""; shlicc
#DYNLD=@echo "==> LINKING dynamic library "$@""; gcc
RANLIB=@echo "==> RANDOMIZING ARCHIVE "$@""; ranlib
ARFLAGS=cr
LORDER=lorder
TSORT=tsort

RMDEP=:
MKDEP=@echo "==> MAKING DEPENDENCIES "$@""; $(RMDEP); gcc -M
MKDEP_OUT=
#ident @(#/man-bsd.def 1.1 97/02/11

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MANSECT_LIB=man3
MANSECT_FILEFORM=man5
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1.3180 python-requests 2.6.0

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* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
  jar/org/springframework/web/method/support/HandlerMethodArgumentResolver.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
  jar/org/springframework/http/atomconverter/AtomFeedHttpMessageConverter.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
  jar/org/springframework/web/context/support/ServletContextPropertySource.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
  jar/org/springframework/web/context/support/ServletConfigPropertySource.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
  jar/org/springframework/web/context/support/ServerAsyncRequestControl.java
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jar/org/springframework/http/ReactiveHttpInputMessage.java
  */opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/async/AsyncRequestTimeoutException.java
  */opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/SessionAttribute.java
  */opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/support/ServletContextResourcePatternResolver.java
  */opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/annotation/SessionScope.java
  */opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/GetMapping.java
  */opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/support/ServletContextResourcePatternResolver.java
  */opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/annotation/SessionScope.java
  */opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/RequestMapping.java
jar/org/springframework/http/client/ClientHttpRequestFactory.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/server/session/WebSessionIdResolver.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/PatchMapping.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/ModelAttribute.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/util/WebAppRootListener.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/filter/CorsFilter.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/HttpRequestHandler.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/DeleteMapping.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/RequestScope.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/annotation/RequestScope.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/support/WebBindingInitializer.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/cors/reactive/CorsConfigurationSource.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/FacesWebRequest.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/PostMapping.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/annotation/ApplicationScope.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/RequestContextHolder.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/server/WebSessionManager.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/server/WebExceptionHandler.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/client/HttpStatusCodeException.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/async/TimeoutDeferredResultProcessingInterceptor.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/WebRequestInterceptor.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/server/MimeTypeNotSupportedException.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
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jar/org/springframework/web/context/request/RequestContextHolder.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/server/session/WebSessionManager.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/server/WebExceptionHandler.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/client/HttpStatusCodeException.java
* /opt/cola/permits/113620870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/CookieValue.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/accept/MediaTypeFileExtensionResolver.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/method/annotation/RequestHeaderMapMethodArgumentResolver.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/SessionScope.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/http/converter/json/SpringHandlerInstantiator.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/multipart/MultipartRequest.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/server/WebHandler.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/PutMapping.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/multipart/support/MissingServletRequestPartException.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/filter/CompositeFilter.java
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jar/org/springframework/web/util/pattern/SubSequence.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/async/TimeoutCallableProcessingInterceptor.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/http/codec/multipart/FormFieldPart.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/http/client/Netty4ClientHttpResponse.java
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* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/web/util/HtmlUtils.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/http/client/BufferingClientHttpRequestWrapper.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/web/multipart/MaxUploadSizeExceededException.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/http/client/OkHttp3AsyncClientHttpRequest.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/http/client/AsyncClientHttpRequestFactory.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/web/context/request/NativeWebRequest.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/web/client/AsyncRestOperations.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/http/client/AsyncClientHttpRequestExecution.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/http/client/HttpComponentsAsyncClientHttpResponse.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/remoting/httpinvoker/HttpInvokerProxyFactoryBean.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/web/accept/FixedContentNegotiationStrategy.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/web/bind/annotation/ResponseStatus.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/web/context/support/ServletContextAttributeFactoryBean.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2.jar/org/springframework/web/context/support/HttpRequestHandlerServlet.java
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  jar/org/springframework/web/multipart/MultipartHttpServletRequest.java

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jar/org/springframework/web/server/WebFilter.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/http/converter/HttpMessageNotWritableException.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/RequestContextListener.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/DestructionCallbackBindingListener.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/util/HttpSessionMutexListener.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/SessionAttributes.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/annotation/RequestMethod.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/bind/support/SpringWebConstraintValidatorFactory.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/http/client/AbstractClientHttpRequestFactoryWrapper.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/multipart/MultipartResolver.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/cors/CorsUtils.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/server/WebFilterChain.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/filter/ CommonsRequestLoggingFilter.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/filter/ RequestContextFilter.java

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# Although created for httpd, this file is used by many software systems
# and has been placed in the public domain for unlimited redistribution.
#
# The table below contains both registered and (common) unregistered types.
# A type that has no unique extension can be ignored -- they are listed
# here to guide configurations toward known types and to make it easier to
# identify "new" types. File extensions are also commonly used to indicate
# content languages and encodings, so choose them carefully.
#
# Internet media types should be registered as described in RFC 4288.
# The registry is at <https://www.iana.org/assignments/media-types/>.
#
# This file was retrieved from
#
# MIME type (lowercased)Extensions
# ============================================================
# application/1d-interleaved-parityfec
# application/3gpdash-qoe-report+xml
# application/3gpp-ims+xml
# application/a2l
# application/activemessage
# application/alto-costmap+json
# application/alto-costmapfilter+json
# application/alto-directory+json
# application/alto-endpointcost+json
# application/alto-endpointcostparams+json
# application/alto-endpointprop+json
# application/alto-endpointpropparams+json
# application/alto-error+json
# application/alto-networkmap+json
# application/alto-networkmapfilter+json
# application/aml
# application/andrew-insetez
# application/applefile
# application/applixwareaw
# application/atf
# application/atfx
# application/atom+xml
# application/atomcat+xml
# application/atomdeleted+xml
# application/atomicmail
# application/atomsvc+xml
# application/auth-policy+xml
# application/bacnet-xdd+zip
# application/batch-smtp
# application/beep+xml
# application/calendar+json
# application/calendar+xml
# application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
# application/ccxml+xml
application/ccxml
application/andrew-insetez
application/applefile
application/applixwareaw
application/atf
application/atfx
application/atom+xml
application/atomcat+xml
application/atomdeleted+xml
application/atomicmail
application/atomsvc+xml
application/auth-policy+xml
application/bacnet-xdd+zip
application/batch-smtp
application/beep+xml
application/calendar+json
application/calendar+xml
application/call-completion
application/cals-1840
application/cbor
application/ccmp+xml
application/ccxml+xml
# application/cdfx+xml
application/cdmi-capabilitycdmia
application/cdmi-containercdmic
application/cdmi-domaincdmid
application/cdmi-objectcdmio
application/cdmi-queecedmiq
# application/cdni
# application/cea
# application/cea-2018+xml
# application/cellml+xml
# application/cfw
# application/cms
# application/cnrp+xml
# application/coap-group+json
# application/commonground
# application/conference-info+xml
# application/cpl+xml
# application/csrattrs
# application/csta+xml
# application/cstud+xml
# application/csvm+json
application/cu-seemecu
# application/cybercash
# application/dash+xml
# application/dashdelta
application/davmount+xmlldavmount
# application/dca-rft
# application/dcd
# application/dec-dx
# application/dialog-info+xml
# application/dicom
# application/dii
# application/dit
# application/dns
application/docbook+xmlldbk
# application/dskpp+xml
application/dssc+derdssc
application/dssc+xmlxssc
# application/dves
application/eemascriptecma
# application/edi-consent
# application/edi-x12
# application/edifact
# application/efi
# application/emergencycalldata.comment+xml
# application/emergencycalldata.deviceinfo+xml
# application/emergencycalldata.providerinfo+xml
# application/emergencycalldata.serviceinfo+xml
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application/mods+xml
# application/moss-keys
# application/moss-signature
# application/mosskey-data
# application/mosskey-request
application/mp21m21 mp21
application/mp4mp4s
# application/mpeg4-generic
# application/mpeg4-iod
# application/mpeg4-iod-xmt
# application/mrb-consumer+xml
# application/mrb-publish+xml
# application/msc-ivr+xml
# application/msc-mixer+xml
application/msworddoc dot
application/mxfmxf
# application/nasdata
# application/news-checkgroups
# application/news-groupinfo
# application/news-transmission
# application/nlsml+xml
# application/nss
# application/ocsp-request
# application/ocsp-response
application/octet-streambin dms lrf mar so dist distz pkg bpk dump elc deploy
application/odaoda
# application/odx
application/oebps-package+xmllopfd
application/oggogx
application/omdxcmlomdoc
application/onenoteonetoc onetoc2 onetmp onepkg
application/oxpsxps
# application/p2p-overlay+xml
# application/parityfec
application/patch-ops-error+xmlxer
application/pdfpdf
# application/pdx
application/pgp-encryptedpgp
# application/pgp-keys
application/pgp-signatureasc sig
application/pics-rulesprf
# application/pidf+xml
# application/pidf-diff+xml
application/pkcs10p10
# application/pkcs12
application/pkcs7-mimep7mp7c
application/pkcs7-signaturep7s
application/pkcs8p8
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application/pkix-crlcr1
application/pkix-pkipathpkipath
application/pkixcmppki
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# application/ppsp-tracker+json
# application/problem+json
# application/problem+xml
# application/provenance+xml
# application/prs.alvestrand.titrax-sheet
application/prs.cwwcww
# application/prs.hpub+zip
# application/prs.nprend
# application/prs.plucker
# application/prs.rdf-xml-crypt
# application/prs.xs+xml
application/pskc+xmlappts
# application/raptorfec
# application/rdap+json
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# application/rt
# application/samlassertion+xml
# application/samlmetadata+xml
application/sbml+xmlappts
application/scaip+xmlappts
# application/scim+json
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# application/simple-symbolcontainer
# application/slate
# application/smil
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# application/smpte336m
# application/soap+fastinfoset
# application/soap+xml
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# application/tamp-sequence-adjust-confirm
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* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-
jar/org/springframework/web/context/request/ServletRequestAttributes.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-jar/org/springframework/web/util/DefaultUriBuilderFactory.java
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* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-jar/jar/org/springframework/http/server/reactive/ChannelSendOperator.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-jar/jar/org/springframework/http/HttpRange.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-jar/jar/org/springframework/http/client/reactive/ReactorClientHttpRequest.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-jar/jar/org/springframework/http/HttpHeaders.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-jar/jar/org/springframework/http/converter/ByteArrayHttpMessageConverter.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-jar/jar/org/springframework/web/accept/MappingMediaTypeFileExtensionResolver.java
* /opt/cola/permits/1136220870_1613710183.17/0/spring-web-5-1-8-release-sources-2-jar/jar/org/springframework/web/method/support/AsyncHandlerMethodReturnValueHandler.java
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jar/org/springframework/web/context/ContextCleanupListener.java
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jar/org/springframework/http/server/reactive/UndertowServerHttpRequest.java
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jar/org/springframework/web/HttpMediaTypeNotAcceptableException.java

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 */

/*
 * Return the web session for the current request. Always guaranteed to
 * return an instance either matching to the session id requested by the
 * client, or with a new session id either because the client did not
 * specify one or because the underlying session had expired. Use of this
 * method does not automatically create a session. See {@link WebSession}
 * for more details.
 */

1.3193 jackson-jaxrs 1.9.13

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## -*-makefile-*- 
## BSD-specific setup (FreeBSD, OpenBSD, NetBSD, *BSD) 
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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS=-Wl,-Bsymbolic

## Shared object suffix
SO = so
## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.%:(%): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.%: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<

%.%:(%): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.%: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
$(GEN_DEPS.c) $<
| sed "/$\([^\(\)]\)/o : \*\^o \$@ : /g" > $@ ;
| -s $@ ] || rm -f $@

%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
$(GEN_DEPS.cc) $<
| sed "/$\([^\(\)]\)/o : \*\^o \$@ : /g" > $@ ;
| -s $@ ] || rm -f $@

## Versioned libraries rules
%.%:$(@MAJOR): %.%:$(@MAJOR)
$(RM) $@ && ln -s $(<F) $@
%.%: %.%:$(@MAJOR)
$(RM) $@ && ln -s $(<F).$(@MAJOR) $@

## End FreeBSD-specific setup
1.3204 spring-tx 5.1.9.RELEASE
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  org/springframework/dao/annotation/PersistenceExceptionTranslationAdvisor.java
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* /opt/cola/permits/1140438379_1614822653.4/0/spring-tx-5-1-9-release-sources-1-jar/org/springframework/transaction/support/AbstractPlatformTransactionManager.java
* /opt/cola/permits/1140438379_1614822653.4/0/spring-tx-5-1-9-release-sources-1-jar/org/springframework/transaction/interceptor/CompositeTransactionAttributeSource.java
* /opt/cola/permits/1140438379_1614822653.4/0/spring-tx-5-1-9-release-sources-1-jar/org/springframework/transaction/interceptor/TransactionAttributeSource.java
* /opt/cola/permits/1140438379_1614822653.4/0/spring-tx-5-1-9-release-sources-1-jar/org/springframework/transaction/support/TransactionSynchronizationManager.java
* /opt/cola/permits/1140438379_1614822653.4/0/spring-tx-5-1-9-release-sources-1-jar/org/springframework/transaction/annotation/Propagation.java
* /opt/cola/permits/1140438379_1614822653.4/0/spring-tx-5-1-9-release-sources-1-jar/org/springframework/transaction/PlatformTransactionManager.java
* /opt/cola/permits/1140438379_1614822653.4/0/spring-tx-5-1-9-release-sources-1-jar/org/springframework/transaction/interceptor/MethodMapTransactionAttributeSource.java

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1.3208 asm 6.2.1

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1.3209 httputil 1.7

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/***********************/
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* $Id: ParsedHTML.java 951 2008-05-02 10:11:40Z wolfgang_fahl $
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* $Id: NekoHTMLParser.java 855 2008-03-31 08:54:13Z wolfgang_fahl $ 
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* $Id: HTMLControl.java 783 2007-07-22 16:08:45Z russgold $
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/opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom/HTMLControl.java
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```
$Id: DocumentTypeImpl.java 754 2006-03-28 00:52:15Z russgold $

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jar/com/meterware/httpunit/dom/DocumentTypeImpl.java
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***********************
* $Id: HTMLElementScriptable.java 951 2008-05-02 10:11:40Z wolfgang_fahl $ *
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jar/com/meterware/httpunit/HTMLElementScriptable.java
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* $Id: AuthorizationRequiredException.java 775 2006-12-21 21:29:48Z russgold $
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$Id: ServletUnitContext.java 678 2004-09-23 22:48:20Z russgold $

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* $Id: HttpInternalErrorException.java 872 2008-04-01 15:13:17Z wolfgang_fahl $
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* $Id: ScriptableDelegate.java 951 2008-05-02 10:11:40Z wolfgang_fahl $
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$Id: UnsupportedActionException.java 688 2004-09-29 17:15:27Z russgold $

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* $Id: HTMLOptionElementImpl.java 783 2007-07-22 16:08:45Z russgold $
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* $Id: HTMLIFrameElementImpl.java 908 2008-04-05 08:24:51Z wolfgang_fahl $
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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/httpunit/dom/HTMLIFrameElementImpl.java
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/**************************************************************************************/
*******************/
* $Id: WebRequestSource.java 951 2008-05-02 10:11:40Z wolfgang_fahl $*
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jar/com/meterware/httpunit/WebRequestSource.java
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* $Id: NamedNodeMapImpl.java 754 2006-03-28 00:52:15Z russgold $
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jar/com/meterware/httpunit/dom/NamedNodeMapImpl.java
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* $Id: ScriptingEngineImpl.java 839 2008-03-29 23:30:13Z wolfgang_fahl $
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jar/com/meterware/httpunit/javascript/ScriptingEngineImpl.java
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* $Id: HTMLElementBase.java 839 2008-03-29 23:30:13Z wolfgang_fahl $ *
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jar/com/meterware/httpunit/HTMLElementBase.java
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/******************************************************************************
* $Id: HTMLPage.java 855 2008-03-31 08:54:13Z wolfgang_fahl $
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jar/com/meterware/httpunit/HTMLPage.java
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/******************************************************************************
* $Id: HTMLElementImpl.java 782 2007-07-03 01:13:34Z russgold $
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/*******************************************************************************/

************

$Id: FormControl.java 956 2008-05-13 08:58:23Z wolfgang_fahl$

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jar/com/meterware/httpunit/FormControl.java
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******************************************************************************
***********************
* $Id: ServletRunner.java 919 2008-04-15 17:56:49Z wolfgang_fahl $ *
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jar/com/meterware/servletunit/ServletRunner.java
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******************************************************************************
***********************
* $Id: CookieProperties.java 595 2004-02-12 13:03:24Z russgold $
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/cookies/CookieProperties.java

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/* ******************************************************************************************************************
* $Id: HTMLAnchorElementImpl.java 840 2008-03-29 23:53:21Z wolfgang_fahl $
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jar/com/meterware/httpunit/dom/HTMLAnchorElementImpl.java
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/*******************************************************************************/
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* $Id: IdentifiedDelegate.java 553 2003-05-23 21:55:12Z russgold $ *
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jar/com/meterware/httpunit/scripting/IdentifiedDelegate.java
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* $Id: ServletUnitWebResponse.java 619 2004-06-13 20:57:28Z russgold $
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/>* $Id: ServletUnitClient.java 796 2007-12-28 14:39:07Z wolfgang_fahl $
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jar/com/meterware/servletunit/ServletUnitClient.java
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* $Id: ServletUnitServletConfig.java 680 2004-09-24 19:13:45Z russgold $ *
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jar/com/meterware/servletunit/ServletUnitServletConfig.java
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* $Id: MessageBody.java 782 2007-07-03 01:13:34Z russgold $ *
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jar/com/meterware/httpunit/protocol/MessageBody.java
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* $Id: PseudoServer.java 826 2008-03-28 00:30:12Z russgold $
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jar/com/meterware/pseudoserver/PseudoServer.java
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* $Id: ScriptHandler.java 754 2006-03-28 00:52:15Z russgold $
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jar/com/meterware/httpunit/parsing/ScriptHandler.java
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*/

$Id: JUnitServlet.java 570 2003-07-22 01:49:09Z russgold $
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jar/com/meterware/servletunit/JUnitServlet.java
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$Id: HTMLHtmlElementImpl.java 767 2006-07-06 04:02:07Z russgold $
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/httpunit/dom/HTMLHtmlElementImpl.java
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/*********************************************************************************************
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* $Id: GetMethodWebRequest.java 782 2007-07-03 01:13:34Z russgold $ *
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jar/com/meterware/httpunit/GetMethodWebRequest.java
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/******************************************************************************
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* $Id: UnknownMethodException.java 277 2002-07-24 17:32:08Z russgold $ *
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/pseudoserver/UnknownMethodException.java
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* $Id: Base64.java 445 2002-12-24 15:17:17Z russgold $
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/*****************************************************************************************/

* $Id: MessageBodyWebRequest.java 783 2007-07-22 16:08:45Z russgold $
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* $Id: HTMLImageElementImpl.java 767 2006-07-06 04:02:07Z russgold $
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* $Id: HTMLElementPredicate.java 336 2002-09-13 14:17:26Z russgold $
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jar/com/meterware/httpunit/HTMLElementPredicate.java
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$Id: HTMLMetaElementImpl.java 767 2006-07-06 04:02:07Z russgold $
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom/HTMLMetaElementImpl.java
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/* Std: WebLink.java 839 2008-03-29 23:30:13Z wolfgang_fahl */
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/* Std: HTMLTitleElementImpl.java 767 2006-07-06 04:02:07Z russgold */
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*/opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom/HTMLTitleElementImpl.java
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/*******************************************************************************/
***********************
*/Id: HTMLContainerElement.java 908 2008-04-05 08:24:51Z wolfgang_fahl *
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FOUND IN PATH(S):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/parsing/HTMLParserFactory.java
No license file was found, but licenses were detected in source scan.

forgot in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/parsing/URLEncodedMessageBody.java
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* $Id: HTMLParserFactory.java 855 2008-03-31 08:54:13Z wolfgang_fahl $ *
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* $Id: URLEncodedMessageBody.java 908 2008-04-05 08:24:51Z wolfgang_fahl $ *
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/permits/1000521356_1646171472.06/0/httpunit-1.7-sources.jar/com/meterware/httpunit/protocol/URLEncodedMessageBody.java

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* $Id: DomBasedScriptingEngineFactory.java 833 2008-03-28 12:24:08Z wolfgang_fahl $ *
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jar/com/meterware/httpunit/dom/DomBasedScriptingEngineFactory.java
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/* $Id: HttpNotFoundException.java 862 2008-03-31 17:37:20Z wolfgang_fahl $
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jar/com/meterware/httpunit/HttpNotFoundException.java
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/* $Id: HTMLParagraphElementImpl.java 908 2008-04-05 08:24:51Z wolfgang_fahl $
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jar/com/meterware/httpunit/scripting/ScriptingEventHandler.java
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*************************************************************************
***********************
* $Id: InvocationContextFactory.java 665 2004-09-09 00:16:40Z russgold $  
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jar/com/meterware/servletunit/InvocationContextFactory.java
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*************************************************************************
***********************
* $Id: FilterConfigImpl.java 604 2004-02-26 17:36:47Z russgold $  
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/WebFrame.java

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* $Id: HTMLHeadElementImpl.java 767 2006-07-06 04:02:07Z russgold $*
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
  jar/com/meterware/httpunit/FixedURLWebRequestSource.java
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* $Id: HTMLLinkElementImpl.java 767 2006-07-06 04:02:07Z russgold $*
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* $Id: WebApplication.java 858 2008-03-31 09:58:35Z wolfgang_fahl $
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* $Id: WebList.java 778 2007-05-16 19:07:49Z russgold $
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* $Id: CookieListener.java 606 2004-03-02 10:51:39Z russgold $
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
  jar/com/meterware/httpunit/scripting/ScriptingEngine.java
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* Std: WebResource.java 761 2006-04-04 23:08:10Z russgold *
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 * $Id: HTMLContainerDelegate.java 912 2008-04-06 07:25:00Z wolfgang_fahl $
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 * $Id: BlockElement.java 951 2008-05-02 10:11:40Z wolfgang_fahl $
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* Std: AppletStubImpl.java 425 2002-11-22 17:19:36Z russgold *
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* $Id: Input.java 837 2008-03-29 17:43:35Z wolfgang_fahl $
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* $Id: ScriptingHandler.java 839 2008-03-29 23:30:13Z wolfgang_fahl $
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
  jar/com/meterware/httpunit/dom/HTMLAppletElementImpl.java
No license file was found, but licenses were detected in source scan.

/*****************************************************************************
******************************
* $Id: NekoDOMParser.java 855 2008-03-31 08:54:13Z wolfgang_fahl $*
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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/parsing/NekoDOMParser.java
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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/controls/SelectionFormControl.java
No license file was found, but licenses were detected in source scan.

/*****************************/

***********************/

*/ $Id: HTMLElement.java 866 2008-04-01 07:04:28Z wolfgang_fahl $ *
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*/ $Id: SelectionFormControl.java 975 2008-05-16 19:44:48Z russgold $ *
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*/opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/httpunit/HTMLElement.java
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/*******************************************************************************/

* $Id: WebClientListener.java 237 2002-02-28 14:30:34Z russgold $
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jar/com/meterware/httpunit/WebClientListener.java

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/*****************************/

Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/httpunit/RequestContext.java

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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/servletunit/RequestContext.java

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* $Id: RequestContext.java 792 2007-12-24 08:07:36Z wolfgang_fahl $
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* $Id: NotHTMLException.java 256 2002-05-16 17:44:20Z russgold $
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jar/com/meterware/httpunit/NotHTMLException.java
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/*************************************************************
* $Id: JavaScriptEngineFactory.java 907 2008-04-05 08:16:49Z wolfgang_fahl $
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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom/CDATASectionImpl.java

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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom/CDATASectionImpl.java

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*/opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/httpunit/dom/HTMLBaseElementImpl.java
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*******************************/

* $Id: HttpWebResponse.java 946 2008-04-30 05:49:08Z wolfgang_fahl $
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/******************************************************************************
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* $Id: RequestContext.java 659 2004-08-08 17:38:19Z russgold $
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/******************************************************************************
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* $Id: CharacterDataImpl.java 819 2008-01-03 13:35:21Z russgold $
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  jar/com/meterware/httpunit/dom/CharacterDataImpl.java
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* $Id: DomListener.java 908 2008-04-05 08:24:51Z wolfgang_fahl $
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$Id: ResetButton.java 871 2008-04-01 15:02:41Z wolfgang_fahl$
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***********************/

$Id: DispatchedRequestWrapper.java 475 2003-02-21 15:44:00Z russgold$
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jar/com/meterware/servletunit/DispatchedRequestWrapper.java
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* $Id: ParameterCollection.java 908 2008-04-05 08:24:51Z wolfgang_fahl $
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* $Id: ElementRegistry.java 908 2008-04-05 08:24:51Z wolfgang_fahl $
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* $Id: WebApplet.java 822 2008-03-26 18:36:27Z wolfgang_fahl $
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jar/com/meterware/httpunit/WebApplet.java

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************

* $Id: TextImpl.java 767 2006-07-06 04:02:07Z russgold $ *
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$Id: ClientProperties.java 797 2007-12-28 15:16:07Z wolfgang_fahl $

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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/ClientProperties.java
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$Id: URLEncodedString.java 908 2008-04-05 08:24:51Z wolfgang_fahl $

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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-Jar/com/meterware/httpunit/protocol/URLEncodedString.java
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;/* Id: FormControl.java 786 2007-11-23 18:36:23Z wolfgang_fahl */
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$Id: SelectionOptions.java 571 2003-08-20 12:06:15Z russgold $

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$Id: WebClient.java 867 2008-04-01 08:07:02Z wolfgang_fahl $

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* $Id: FilterMetaData.java 604 2004-02-26 17:36:47Z russgold $
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**HTMLDocumentImpl.java**

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**HTMLFormElementImpl.java**

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jar/com/meterware/httpunit/dom/HTMLFormElementImpl.java
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/***************************************************************************************
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* $Id: Button.java 871 2008-04-01 15:02:41Z wolfgang_fahl $ *
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***************

* $Id: ScriptException.java 337 2002-09-13 18:34:58Z russgold $ 
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* $Id: FormControl.java 786 2007-11-23 18:36:23Z wolfgang_fahl $ 
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/httpunit/RadioButtonFormControl.java
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* $Id: HttpRequest.java 752 2006-03-24 20:19:23Z russgold $


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* $Id: TextBlock.java 688 2004-09-29 17:15:27Z russgold $
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***********************
* $Id: TableRow.java 779 2007-05-27 02:23:49Z russgold $
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* $Id: Cookie.java 982 2008-05-20 19:47:44Z russgold $
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 * $Id: CookieSource.java 383 2002-10-17 23:52:49Z russgold $
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/**
 * $Id: ParameterProcessor.java 908 2008-04-05 08:24:51Z wolfgang_fahl $
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jar/com/meterware/httpunit/protocol/ParameterProcessor.java
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* $Id: HttpsProtocolSupport.java 805 2007-12-30 09:34:54Z wolfgang_fahl $ *
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 HttpResponseMessage

***************************************************************
** $Id: CookieJar.java 951 2008-05-02 10:11:40Z wolfgang_fahl $**

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* $Id: HttpHeaders.java 908 2008-04-05 08:24:51Z wolfgang_fahl $  
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* $Id: InvocationContextImpl.java 775 2006-12-21 21:29:48Z russgold $
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/servletunit/InvocationContextImpl.java
No license file was found, but licenses were detected in source scan.

/***************************************************************************************
**********************
* $Id: NoSuchFrameException.java 234 2002-02-14 14:33:49Z russgold $
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/********************************************************************************
***********************
* $Id: ServletUnitHttpSession.java 678 2004-09-23 22:48:20Z russgold $
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```
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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/httpunit/protocol/UploadFileSpec.java
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/***************************************************************************************
**********

* $Id: PseudoServlet.java 582 2003-09-30 00:15:05Z russgold $
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/pseudoserver/PseudoServlet.java
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* $Id: NamedDelegate.java 332 2002-09-05 19:10:44Z russgold $ *
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* $Id: ServletInputStreamImpl.java 258 2002-05-20 16:00:14Z russgold $ *
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jar/com/meterware/servletunit/ServletInputStreamImpl.java

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*$Id: JavaScript.java 907 2008-04-05 08:16:49Z wolfgang_fahl $
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/**
* special exception for the Rhino Javascript engine
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/*

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  jar/com/meterware/httpunit/javascript/JavaScript.java

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/****************************
**********************
* $Id: ScriptFilter.java 754 2006-03-28 00:52:15Z russgold $ 
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  jar/com/meterware/httpunit/parsing/ScriptFilter.java

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* $Id: HttpException.java 951 2008-05-02 10:11:40Z wolfgang_fahl $ 
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/HttpException.java

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$Id: DocumentImpl.java 781 2007-06-17 17:31:49Z russgold $

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/*$Id: HttpUnitOptions.java 941 2008-04-23 05:41:41Z wolfgang_fahl$
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* $Id: ScriptingEngineFactory.java 778 2007-05-16 19:07:49Z russgold $ *
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jar/com/meterware/httpunit/scripting/ScriptingEngineFactory.java
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* $Id: HttpUnitUtils.java 951 2008-05-02 10:11:40Z wolfgang_fahl $
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jar/com/meterware/httpunit/HttpUnitUtils.java
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* $Id: PutMethodWebRequest.java 783 2007-07-22 16:08:45Z russgold $
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$Id: HTMLCollectionImpl.java 781 2007-06-17 17:31:49Z russgold $

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* $Id: FrameSelector.java 688 2004-09-29 17:15:27Z russgold $
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jar/com/meterware/httpunit/SubmitButton.java
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* $Id: InvocationContext.java 688 2004-09-29 17:15:27Z russgold $
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jar/com/meterware/servletunit/InvocationContext.java
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*******************************************************************************

* $Id: WebImage.java 768 2006-10-09 03:16:26Z russgold $
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/opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/WebImage.java

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/$Id: AttrImpl.java 772 2006-12-01 16:54:18Z russgold $
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/httpunit/scripting/DocumentElement.java
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/*$Id: HTMLTextAreaElementImpl.java 840 2008-03-29 23:53:21Z wolfgang_fahl $*/

/*$Id: HTMLTextAreaElementImpl.java 840 2008-03-29 23:53:21Z wolfgang_fahl $*/
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Found in path(s):
  * /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
    jar/com/meterware/httpunit/RecursiveRedirectionException.java
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* $Id: DomWindowProxy.java 908 2008-04-05 08:24:51Z wolfgang_fahl $
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom.DomWindowProxy.java
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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom/HTMLInputElementImpl.java
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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom/HTMLInputElementImpl.java
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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom/HTMLInputElementImpl.java
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Found in path(s):
* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-jar/com/meterware/httpunit/dom/HTMLInputElementImpl.java
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/********************************************************************************************
*******************************************************
*$Id: XMLUtils.java 604 2004-02-26 17:36:47Z russgold $*

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Found in path(s):
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* $Id: ProcessingInstructionImpl.java 772 2006-12-01 16:54:18Z russgold $*
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* $Id: ElementImpl.java 839 2008-03-29 23:30:13Z wolfgang_fahl $ *
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* $Id: ContentConcealer.java 489 2003-03-09 20:35:48Z russgold $ *
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* $Id: SelectionOption.java 297 2002-08-08 20:47:22Z russgold $
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$Id: WebForm.java 952 2008-05-02 16:01:23Z wolfgang_fahl $

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* $Id: HeadMethodWebRequest.java 958 2008-05-13 09:25:29Z wolfgang_fahl $
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* $Id: DialogResponder.java 312 2002-08-21 19:06:27Z russgold $
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* $Id: FilterUrlMap.java 604 2004-02-26 17:36:47Z russgold $
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jar/com/meterware/httpunit/dom/HTMLTableCellElementImpl.java
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$Id: HTMLTableCellElementImpl.java 908 2008-04-05 08:24:51Z wolfgang_fahl $
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* $Id: AppletContextImpl.java 416 2002-11-15 01:22:37Z russgold $ *
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* /opt/cola/permits/1000521356_1646171472.06/0/httpunit-1-7-sources-
jar/com/meterware/httpunit/dom/HTMLBodyElementImpl.java
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$Id: DocumentAdapter.java 778 2007-05-16 19:07:49Z russgold $
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* $Id: HTMLSegment.java 688 2004-09-29 17:15:27Z russgold *
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1.3211 libxi 1.7.9-1.el7

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1.3212 elasticsearch-cli 6.8.3

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1.3213 icu 57

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## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,
```
## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.%$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<

%.%$(SO).o: $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<

%.%$(SO): $(srcdir)/%.c
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.c) $< \
| sed "\%s/(\*\*)\(\.o\)\/[ ]*\%1.o $@ : /g" > $@; \
[ -s $@ ] || rm -f $@' \\

%.%$(SO).$(SO_TARGET_VERSION_MAJOR): %.%$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@

%.%$(SO).$(SO_TARGET_VERSION): %.%$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.%$(SO).$(SO_TARGET_VERSION_MAJOR) $@

## Dependency rules
""
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \
| sed "\%s/(\*\*)\(\.o\)\/[ ]*\%1.o $@ : /g" > $@; \
[ -s $@ ] || rm -f $@' \\

## Versioned libraries rules
%.%$(SO).$(SO_TARGET_VERSION_MAJOR): %.%$(SO).$(SO_TARGET_VERSION)
$(RM) $@ & & ln -s $(*F) $@

## Bind internal references
# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic
# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

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1.3228 trousers 0.3.14 2.el7

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1.3229 elasticsearch 7.6.0

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---
teardown:
- do:
  license.post:
    acknowledge: true
    body:
["licenses":[]]"uid":"3aa62ffe-36e1-4fad-bfcd-9df8301eb22","type":"trial","issue_date_in_millis":1523456691721,"expiry_date_in_millis":1838816691721,"max_nodes":5,"issued_to":"customer","issuer":"elasticsearch","signature":"AAAABAAAAA2kWNcuc+DT0rlmYZKA AA1A05/66hrsGh1GqqrJmyn06qgEC7gK0U4zQ6q5ZEMhm4jAAABAEn6fG9y2xKBu2T3D5hhh56zkOQOD COdhr0y2d17S1JNMZRqO7ZywPCWNS1aR33GhflHkTER0ysMLoxMH/gXahyrvRvMBnldJxUBKzuwpTawSNlx Ytcq9h8mSBlvJC7Ki+u1lSpA1LCZP9fknf4tqWfYn7xnZgu9DKrOWru/spTPObo?7ceP8VT6nWFen7/h CFDQQTUF0JQvd+nqA1PacHGNxGf6dBMvmAXCXgGkRfT3clo9/vadgo+i5Nyh1sPq9mN7gsvBAKtA1Frp H2EXXYbYoSsBvUmhYMgErLg1k3/CbS0pCWLKOA1xTMayosdZOjagU3auZXY=","start_date_in_millis":-1]}}
---
"Installing and getting license works":

```yaml
## current license version
- do:
  license.post:
    acknowledge: true
    body: |
      {"licenses": [{"uid": "894371dc-949-4997-93cb-802e37fafa98","type": "trial","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1916956799999,"max_nodes": 1,"issued_to": "issuedTo","issuer": "issuer","signature": "AAAAAgAAAA0FWh0T9njltjQ2qammaAAABmC9ZN0hjZDBGYnVyRXpCOW5Sb3fjZDAxOWpSbTVoMVZwUzRxVkJPSmxakxZdWS51MhiTTHoN1N2Mxm vRFk4d3JTZE3XRZ0pzu3IObWJkZnqvSEFvap0TPBhBkwprZWZQSri9NMnR0kw1SpL0NIdalZCS095M XRGN11IZlpyVeVVTTnFrcTE2zdhhZzmzdFQrN3JQeGwxb0U0MZX0dDfHSERizTVLOHnzSDBywNp0zeFepZH BEZjUtrTVBxRENNXXsWWjZlalODzVmEzUjNiWktnWGM5TuhqQ2plaU04Q1JUml4MXNuL0pSOeHqa VB2azhmUk9QVzhFeToFm1Q0RnJXSG53Mwk2K055c28zSmRnVkfL2JSQkFV2YXUnVHNDDZ2r3o2VE1lq bVNQS2lxOHN5bUeRZlN1WkzSVMzI1WetaSUw9wTJVENDVt1NcyklaCuyyK2FwRw9xa06ddMbMmMs5GtQ c3FWOTfzgZzzUcMyQzkt2RUzWfMjZvdL2d2DWRUzh6UG5pdENGWFrrreXuNkNkE9PQAAABBzhvoA0 trxxhu1ZqaTSrTn9C5KQV6p8y9g1pnsBpZXCl8kXrgoFnbXQ611jJwvf5qmnyHii1hrTR09yCbaCQlklk8 NZXQ6TrRkSpQnmbwAvYUKZeKXsuBoOk4BmzwCr6aMBakzrtEBtBbog=+57caSa9y37Gkdd+1jXCQrXp+O EU7g7DXMoT6C07rCyNN90Cf8KkTrbTPrTjC6igZR3uvTHyee74QX9PRAvHx7374UOEdQZXZP/1bS QiWkBrDBR5Y1POVY1TayoltKnWLMxFeAkkATJZLhpEBEST7kZWjrUT61dCRJc7a8Vj/78HxOyL" }]
    - match: { license_status: "valid" }
    - do:
      license.get: {}

## the rest API defaults to a v4 license output with 11 attributes
- length: { license: 11 }

## bwc for licenses format
- do:
  license.post:
    acknowledge: true
    body: |
      {"licenses": [{"uid": "893361dc-9749-4997-93cb-802e37fafa98","type": "gold","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "issuedTo","issuer": "issuer","signature": "AAAAAwAAAA2T3vqdBBetKQaBxgipAAAB mC9ZN0hjZDBGYnVyRXpCOW5Sb3fjZDAxOWpSbTVoMVZwUzRxVkJPSmxakxZdWS51MhiTTHoN1N2M XMvRFk4d3JTZE3XRZ0pzu3IObWJkZnqvSEFvap0TPBhBkwprZWZQSri9NMnR0kw1SpL0NIdalZCS09 5MXRGN11IZlpyYcVVTTnFrcTE2zdhhZzmzdFQrN3JQeGwxb0U0MZX0dDfHSERizTVLOHnzSDBywNp0zeFepZH BEZjUtrTVBxRENNXXsWWjZlalODzVmEzUjNiWktnWGM5TuhqQ2plaU04Q1JUml4MXNuL0pSOeHqa VB2azhmUk9QVzhFeToFm1Q0RnJXSG53Mwk2K055c28zSmRnVkfL2JSQkFV2YXUnVHNDDZ2r3o2VE1lq bVNQS2lxOHN5bUeRZlN1WkzSVMzI1WetaSUw9wTJVENDVt1NcyklaCuyyK2FwRw9xa06ddMbMmMs5GtQ c3FWOTfzgZzzUcMyQzkt2RUzWfMjZvdL2d2DWRUzh6UG5pdENGWFrrreXuNkNkE9PQAAABBzhvoA0 trxxhu1ZqaTSrTn9C5KQV6p8y9g1pnsBpZXCl8kXrgoFnbXQ611jJwvf5qmnyHii1hrTR09yCbaCQlklk8 NZXQ6TrRkSpQnmbwAvYUKZeKXsuBoOk4BmzwCr6aMBakzrtEBtBbog=+57caSa9y37Gkdd+1jXCQrXp+O EU7g7DXMoT6C07rCyNN90Cf8KkTrbTPrTjC6igZR3uvTHyee74QX9PRAvHx7374UOEdQZXZP/1bS QiWkBrDBR5Y1POVY1TayoltKnWLMxFeAkkATJZLhpEBEST7kZWjrUT61dCRJc7a8Vj/78HxOyL" }]
```

- match: { license_status: "valid" }
  - do:
    license.get: {}
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```
- match: { license_status: "valid" }

- do:
  license.get: {}

- length: { license: 11 }

## license version: 1.x
- do:
  license.post:
    acknowledge: true
    body: |
    
    {"licenses"}:
    
    - match: { license_status: "valid" }
      do:
      license.get: {}
      length: { license: 11 }

## multiple licenses version: 1.x
- do:
  license.post:
    acknowledge: true
    body: |
    
    {"licenses"}: 
    
    - match: { license_status: "valid" }
      do:
      license.get: {}
      length: { license: 11 }

---

Open Source Used In Data Center Network Manager 11 11.5(4) 32115

PIGX+2YjtUtEqlmlCPIxl9wECJ7/knPs5b13Z0XQR3fyXhjcXNNHEISblQLRMaC13pLxs7II+KPYMa2ZYL/am4P'}]]}
Open Source Used In Data Center Network Manager 11 11.5(4) 32116

```
- match: { license_status: "valid" }
- do:
  license.get: {}
- length: { license: 11 }
- match: { license.uid: "893361dc-9749-4997-93cb-802e3dofh7aa" }

"Should throw 404 after license deletion":
- do:
  license.delete: {}
- match: { acknowledged: true }
- do:
  license.get: {}
  catch: missing

"Should install a feature type license":

# VERSION_NO_FEATURE_TYPE license version
- do:

---
```


license.post:
  acknowledge: true
body: |
  [
  "license": {"uid": "893361dc-9749-4997-93e8-802e3d7fa4a8","type": "gold","issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "issued_to","issuer": "issuer","signature": "AAAAAgAAAA3U8+YmnvwC+CWsV/mRAABmC9z20hjZDBGYnVxPcOW5Bb3fjZDAOWp8bTVOmVZwUrzVxk1PSmkkaxkZdw51MhlTHNoN1N2MXMVrFlK4d3FTZEx3R3RZ0pzU3lobWJZKzq5vSEFva0pgTTHBkWkprZWZSql9InmRQKw1SpLN01DalZC9S095MRGQ11lZpYcVVTEnFrcTE2dzhJZmZrdFQn3JQeGwxb0UMXOzdJHJSERiZTVLOHNzSBDbWpnoZqEphC8HBEZjUrTVBXRenNXXsWWjZlaODdzVmEzuUjNiWktxNWGM5TUhQV2plAu0QJ1OUml4MXNuL0pSOEhQaVB2azhmUk9QVzhFeTFoMiQ0RnJXSG53MWk2K055c28smRvK1b2JSQkFVL2VUXmVHNDDZ2Ro2VEM1qbQVNSQ1xOhN5bUERZINWkzVXmZ1WuetUS9wTTJENDVvTiNCYklacUYYK2Fw9Rx9a06ddMbnMzSGrQc3FWOTg2Z3ZucXMqkt2RUZwMFJnZzlvL2db2bDRWUzI56U5pdENGWFReXNKNkE9PQAAABqE8GfZmS655T371luuvjeb3xK5dv0K5qApv+rczWcFxFgCuzbF8plkgetPl1aAGZP4uRESDPQMOCSx4duUqAm971gbBQ3J93P+PoRgInFpE9HNvOmaQpqvwxVM95E6DSdQIxc4XSO+bgwpXPt2dLmopQc116x6B2Z8GeuYpVHKVp9hvU0tAYjw6HzY0E7+zuO1ojYOxElqy66AnIkvHRvni+flym3tE7IdTgSdRaz7W3iBhaqiSnEqaBekVHdpHQdSR99GAEvEnH1paK01/35iZF6OXHsF7CC+j558GRXVxzueOe7TsGSt87Yjzw9bRCyU0b4BnMidgG"
  ]

- match: { license_status: "valid" }

- do:
  license.get: {}

- length: { license: 11 }
---
"Cannot start basic":

- do:
  catch: bad_request
  license.post:
    acknowledge: true
    body: |
    
- "-issue_date_in_millis": 1411948800000,"expiry_date_in_millis": 1914278399999,"max_nodes": 1,"issued_to": "issued_to","issuer": "issuer","signature": "AAAAAgAAAA3U8+YmnvwC+CWsV/mRAABmC9z20hjZDBGYnVxPcOW5Bb3fjZDAOWp8bTVOmVZwUrzVxk1PSmkkaxkZdw51MhlTHNoN1N2MXMVrFlK4d3FTZEx3R3RZ0pzU3lobWJZKzq5vSEFva0pgTTHBkWkprZWZSql9InmRQKw1SpLN01DalZC9S095MRGQ11lZpYcVVTEnFrcTE2dzhJZmZrdFQn3JQeGwxb0UMXOzdJHJSERiZTVLOHNzSBDbWpnoZqEphC8HBEZjUrTVBXRenNXXsWWjZlaODdzVmEzuUjNiWktxNWGM5TUhQV2plAu0QJ1OUml4MXNuL0pSOEhQaVB2azhmUk9QVzhFeTFoMiQ0RnJXSG53MWk2K055c28smRvK1b2JSQkFVL2VUXmVHNDDZ2Ro2VEM1qbQVNSQ1xOhN5bUERZINWkzVXmZ1WuetUS9wTTJENDVvTiNCYklacUYYK2Fw9Rx9a06ddMbnMzSGrQc3FWOTg2Z3ZucXMqkt2RUZwMFJnZzlvL2db2bDRWUzI56U5pdENGWFReXNKNkE9PQAAABqE8GfZmS655T371luuvjeb3xK5dv0K5qApv+rczWcFxFgCuzbF8plkgetPl1aAGZP4uRESDPQMOCSx4duUqAm971gbBQ3J93P+PoRgInFpE9HNvOmaQpqvwxVM95E6DSdQIxc4XSO+bgwpXPt2dLmopQc116x6B2Z8GeuYpVHKVp9hvU0tAYjw6HzY0E7+zuO1ojYOxElqy66AnIkvHRvni+flym3tE7IdTgSdRaz7W3iBhaqiSnEqaBekVHdpHQdSR99GAEvEnH1paK01/35iZF6OXHsF7CC+j558GRXVxzueOe7TsGSt87Yjzw9bRCyU0b4BnMidgG"
  ```
"Should fail gracefully when body content is not provided":

- do:
  catch: bad_request
  license.post:
    acknowledge: true

- match: { error.root_cause.0.reason: 'The license must be provided in the request body' }

"Current license is trial means not eligible to start trial":

- do:
  license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }

- do:
  license.get_trial_status: {}

- match: { eligible_to_start_trial: false }

- do:
  catch: forbidden
  license.post_start_trial:
    acknowledge: true

- match: { trial_was_started: false }
- match: { error_message: "Operation failed: Trial was already activated." }

"Trial license cannot be basic":

- do:
  catch: bad_request
  license.post_start_trial:
    type: "basic"
    acknowledge: true

"Can start basic license if do not already have basic":

- do:
  license.get_basic_status: {}
- match: { eligible_to_start_basic: true }

- do:
  license.post_start_basic:
    acknowledge: true

- match: { basic_was_started: true }
- match: { acknowledged: true }

- do:
  license.get_basic_status: {}

- match: { eligible_to_start_basic: false }

- do:
  catch: forbidden
  license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: true }
- match: { error_message: "Operation failed: Current license is basic." }

---
"Must acknowledge to start basic":
- do:
  license.post_start_basic: {}

- match: { basic_was_started: false }
- match: { acknowledged: false }
- match: { error_message: "Operation failed: Needs acknowledgement." }

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This API enables you to delete licensing information.

`DELETE /_license`

When your license expires, {xpack} operates in a degraded mode. For more
information, see

[kibana-ref]/managing-licenses.html#license-expiration[License expiration].

You must have `manage` cluster privileges to use this API.
For more information, see <<security-privileges>>.

== Examples

The following example queries the info API:

[source,console]
------------------------------------------------------------
DELETE /_license
------------------------------------------------------------
// TEST[skip:license testing issues]

When the license is successfully deleted, the API returns the following response:
[source,js]
------------------------------------------------------------
{
  "acknowledged": true
}
------------------------------------------------------------
// NOTCONSOLE
[[java-rest-high-delete-license]]
=== Delete License

[[java-rest-high-delete-license-execution]]
==== Execution

The license can be deleted using the `deleteLicense()` method:

["source","java",subs="attributes,callouts,macros"]
-----------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute]
-----------------------------------------------

[[java-rest-high-delete-license-response]]
==== Response

The returned `DeleteLicenseResponse` contains the `acknowledged` flag, which returns true if the request was processed by all nodes.

["source","java",subs="attributes,callouts,macros"]
-----------------------------------------------
include-tagged:::{doc-tests}/LicensingDocumentationIT.java[delete-license-response]
-----------------------------------------------
<1> Check the acknowledge flag. It should be true if license deletion is acknowledged.

[[java-rest-high-delete-license-async]]
Asynchronous Execution

This request can be executed asynchronously:

```java
[
    "source", 
    "java", 
    "subs="attributes,callouts,macros"
]
```

-------------------
```
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-async]
```

<1> The `DeleteLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `DeleteLicenseResponse` looks like:

```java
[
    "source", 
    "java", 
    "subs="attributes,callouts,macros"
]
```

-------------------
```
include-tagged::{doc-tests}/LicensingDocumentationIT.java[delete-license-execute-listener]
```

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

Nimbus OAuth 2.0 SDK with OpenID Connect extensions

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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- analysis/common/src/java/org/apache/lucene/analysis/de/GermanLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/de/GermanMinimalStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/es/SpanishLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/es/SpanishMinimalStemmer.java
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- analysis/common/src/java/org/apache/lucene/analysis/fi/FinnishMinimalStemmer.java
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- analysis/common/src/java/org/apache/lucene/analysis/hu/HungarianLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/it/ItalianLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/ru/RussianLightStemmer.java
- analysis/common/src/java/org/apache/lucene/analysis/sv/SwedishLightStemmer.java

The Stempel analyzer (stempel) includes BSD-licensed software developed by the Egothor project http://egothor.sf.net/, created by Leo Galambos, Martin Kvapil, and Edmond Nolan.

The Polish analyzer (stempel) comes with a default stopword list that is BSD-licensed created by the Carrot2 project. The file resides in stempel/src/resources/org/apache/lucene/analysis/pl/stopwords.txt. See http://project.carrot2.org/license.html.

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```plaintext
[role="xpack"]
[testenv="basic"]
[[get-license]]
=== Get license API
++++
<titleabbrev>Get license</titleabbrev>
++++

This API enables you to retrieve licensing information.

[float]
==== Request

`GET /_license`

[float]
==== Description

This API returns information about the type of license, when it was issued, and when it expires, for example.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.

[float]
==== Query Parameters

`local`:
(booleans) Specifies whether to retrieve local information. The default value
is `false`, which means the information is retrieved from the master node.

[float]

==== Authorization

You must have `monitor` cluster privileges to use this API.
For more information, see <<security-privileges>>.

[float]

==== Examples

The following example provides information about a trial license:

[source,console]

--------------------------------------------------
GET /_license
--------------------------------------------------

[source,console-result]

--------------------------------------------------
{
  "license": {
    "status": "active",
    "uid": "cbff45e7-c553-41f7-ae4f-9205eabd80xx",
    "type": "trial",
    "issue_date": "2018-10-20T22:05:12.332Z",
    "issue_date_in_millis": 1540073112332,
    "expiry_date": "2018-11-19T22:05:12.332Z",
    "expiry_date_in_millis": 1542665112332,
    "max_nodes": 1000,
    "issued_to": "test",
    "issuer": "elasticsearch",
    "start_date_in_millis": -1
  }
}
--------------------------------------------------

// TESTRESPONSE[s/"cbff45e7-c553-41f7-ae4f-9205eabd80xx"/$body.license.uid/]
// TESTRESPONSE[s/"basic"/$body.license.type/]
// TESTRESPONSE[s/"2018-10-20T22:05:12.332Z"/$body.license.issue_date/]
// TESTRESPONSE[s/1540073112332/$body.license.issue_date_in_millis/]
// TESTRESPONSE[s/"2018-11-19T22:05:12.332Z"/$body.license.expiry_date/]
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***The art of simplicity is a puzzle of complexity.***

## Overview ##

[YAML](http://yaml.org) is a data serialization format designed for human readability and interaction with scripting
languages.

SnakeYAML is a YAML processor for the Java Virtual Machine.

## SnakeYAML features ##

* a **complete** [YAML 1.1 processor](http://yaml.org/spec/1.1/current.html). In particular, SnakeYAML can
  parse all examples from the specification.
* Unicode support including UTF-8/UTF-16 input/output.
* high-level API for serializing and deserializing native Java objects.
* support for all types from the [YAML types repository](http://yaml.org/type/index.html).
* relatively sensible error messages.

## Info ##

* [Changes](https://bitbucket.org/asomov/snakeyaml/wiki/Changes)
* [Documentation](https://bitbucket.org/asomov/snakeyaml/wiki/Documentation)

## Contribute ##

* Mercurial DVCS is used to dance with the [source code](https://bitbucket.org/asomov/snakeyaml/src).
* If you find a bug in SnakeYAML, please [file a bug
* You may discuss SnakeYAML at [the mailing list](http://groups.google.com/group/snakeyaml-core).

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The license can be added or updated using the `getLicense()` method:

```
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute]
```

The returned `GetLicenseResponse` contains the license in the JSON format.

```
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-response]
```

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `GetLicenseResponse` looks like:

```
include-tagged::{doc-tests}/LicensingDocumentationIT.java[get-license-execute-listener]
```

<1> Called when the execution is successfully completed. The response is provided as an argument

<2> Called in case of failure. The raised exception is provided as an argument
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---

### Update license API

**Update license**

Updates the license for your {es} cluster.

```plaintext
.PUT _license

.POST _license
```

If {es} {security-features} are enabled, you need `manage` cluster privileges to install the license.

If {es} {security-features} are enabled and you are installing a gold or platinum license, you must enable TLS on the transport networking layer before you install the license. See <<configuring-tls>>.

You can update your license at runtime without shutting down your nodes. License updates take effect immediately. If the license you are installing does not support all of the features that were available with your previous license, however, you are notified in the response. You must then re-submit the API request with the `acknowledge` parameter set to `true`.

For more information about the different types of licenses, see https://www.elastic.co/subscriptions.
acknowledge`::
(Optional, boolean)
Specifies whether you acknowledge the license changes. The default value is `false`.

[[update-license-api-request-body]]
==== [api-request-body-title]

`licenses`::
(Required, array)
A sequence of one or more JSON documents containing the license information.

[[update-license-api-example]]
==== [api-examples-title]

The following example updates to a basic license:

[source,console]
-----------------------------------------------
PUT _license
{
  "licenses": [
    {
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type":"basic",
      "issue_date_in_millis":1411948800000,
      "expiry_date_in_millis":1914278399999,
      "max_nodes":1,
      "issued_to":"issuedTo",
      "issuer":"issuer",
      "signature":"xx"
    }
  ]
}
-----------------------------------------------

// TEST[skip:license testing issues]

NOTE: These values are invalid; you must substitute the appropriate content from your license file.

You can also install your license file using a `curl` command. Be sure to add `@` before the license file path to instruct curl to treat it as an input file.

[source,shell]
-----------------------------------------------
curl -XPUT -u <user> 'http://<host>:<port>/_license' -H "Content-Type: application/json" -d @license.json
-----------------------------------------------
On Windows, use the following command:

[source,shell]
------------------------------------------------------------
Invoke-WebRequest -uri http://<host>:<port>/_xpack/license -Credential elastic -Method Put -ContentType "application/json" -InFile .\license.json
------------------------------------------------------------

In these examples,

* `<user>` is a user ID with the appropriate authority.
* `<host>` is the hostname of any node in the {es} cluster ("localhost" if executing locally)
* `<port>` is the http port (defaults to `9200`)
* `license.json` is the license JSON file

NOTE: If your {es} node has SSL enabled on the HTTP interface, you must start your URL with `https://`

If you previously had a license with more features than the basic license, you receive the following response:

[source,js]
------------------------------------------------------------
{
  "acknowledged": false,
  "license_status": "valid",
  "acknowledge": {
    "message": "This license update requires acknowledgement. To acknowledge the license, please read the following messages and update the license again, this time with the "acknowledge=true" parameter:"
    "watcher": ["Watcher will be disabled"],
    "logstash": ["Logstash will no longer poll for centrally-managed pipelines"],
    "security": ["The following X-Pack security functionality will be disabled: ..."]
  }
}
------------------------------------------------------------

To complete the update, you must re-submit the API request and set the `acknowledge` parameter to `true`. For example:
PUT _license?acknowledge=true
{
  "licenses": [
    {
      "uid":"893361dc-9749-4997-93cb-802e3d7fa4xx",
      "type":"basic",
      "issue_date_in_millis":1411948800000,
      "expiry_date_in_millis":1914278399999,
      "max_nodes":1,
      "issued_to":"issuedTo",
      "issuer":"issuer",
      "signature":"xx"
    }
  ]
}

// TEST[skip:license testing issues]

Alternatively:

curl -XPUT -u elastic 'http://<host>:<port>/_license?acknowledge=true' -H "Content-Type: application/json" -d @license.json

// NOTCONSOLE

For more information about the features that are disabled when your license expires, see [kibana-ref]/managing-licenses.html#license-expiration[License expiration].

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[[java-rest-high-put-license]]

=== Update License

[[java-rest-high-put-license-execution]]

==== Execution
The license can be added or updated using the `putLicense()` method:

```java
public void putLicense(String license) {
    JSONObject result = restHighLevelClient.performRequest(DocTestUtils.restHighLevelRequest()
        .put("/ elastasticsearch/集群名/license"), () -> new PutLicenseResponse());
```

<1> Set the categories of information to retrieve. The default is to return no information which is useful for checking if `xpack` is installed but not much else.

<2> A JSON document containing the license information.

The returned `PutLicenseResponse` contains the `LicensesStatus`, `acknowledged` flag and possible acknowledge messages. The acknowledge messages are present if you previously had a license with more features than one you are trying to update and you didn't set the `acknowledge` flag to `true`. In this case you need to display the messages to the end user and if they agree, resubmit the license with the `acknowledge` flag set to `true`. Please note that the request will still return a 200 return code even if requires an acknowledgement. So, it is necessary to check the `acknowledged` flag.

```java
public class PutLicenseResponse {
    private String licenses;
    private boolean acknowledged;
    private String acknowledgeMessage;
...}
```

<1> The status of the license

<2> Make sure that the license is valid.

<3> Check the acknowledge flag. It should be true if license is acknowledged.

<4> Otherwise we can see the acknowledge messages in `acknowledgeHeader()`.
<5> and check component-specific messages in `acknowledgeMessages()`.

This request can be executed asynchronously:

```java
public void putLicenseAsync(PutLicenseRequest putLicenseRequest, ActionListener<PutLicenseResponse> listener) {
    restHighLevelClient.performRequestAsync(DocTestUtils.restHighLevelRequest()
        .put("/ elastasticsearch/集群名/license"), () -> new PutLicenseResponse()), listener);
```

<1> The `PutLicenseRequest` to execute and the `ActionListener` to use when the execution completes

The asynchronous method does not block and returns immediately. Once it is completed the `ActionListener` is called back using the `onResponse` method.
if the execution successfully completed or using the `onFailure` method if it failed.

A typical listener for `PutLicenseResponse` looks like:

```java
include-tagged::{doc-tests}/LicensingDocumentationIT.java
```

<1> Called when the execution is successfully completed. The response is provided as an argument
<2> Called in case of failure. The raised exception is provided as an argument

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https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api
* javax.annotation:javax.annotation-api
* javax.transaction:javax.transaction-api
* javax.websocket:javax.websocket-api

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Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following artifacts may be included in the distribution or downloaded when ALPN module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications are hosted at github and both modified and original are under GPL v2 with classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

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OW2

The following artifacts are licensed by the OW2 Foundation according to the terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

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Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli
org.apache.tomcat:tomcat-jsp-api
org.apache.tomcat:tomcat-el-api
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-api
org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
org.apache.tomcat:tomcat-el-api

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Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

org.eclipse.jetty.toolchain:jetty-schemas
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1.3234 gotenv 1.2.0

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1.3235 rngom 2.3.0

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1.3236 golang-set v1.7

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jar/springfox/documentation/RequestHandlerKey.java
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-jar/springfox/documentation/builders/ModelPropertyBuilder.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-jar/springfox/documentation/schema/Enums.java
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-jar/springfox/documentation/service/ResourceGroup.java
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-jar/springfox/documentation/builders/Parameters.java
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-jar/springfox/documentation/schema/ModelReference.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-jar/springfox/documentation/builders/AuthorizationScopeBuilder.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-jar/springfox/documentation/annotations/Cacheable.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-jar/springfox/documentation/annotations/ApiIgnore.java
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/service/CredentialsGrant.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/service/ApiListing.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/service/ApiInfo.java
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
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jar/springfox/documentation/schema/Model.java
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jar/springfox/documentation/service/AllowableValues.java
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jar/springfox/documentation/builders/RequestHandlerSelectors.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/RequestHandler.java

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 */

Found in path(s):
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/service/SecurityScheme.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/service/ResolvedMethodParameter.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/service/Parameter.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/builders/OperationBuilder.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/service/ApiKey.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/service/BasicAuth.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/service/OAuth.java
* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
jar/springfox/documentation/builders/ParameterBuilder.java
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jar/springfox/documentation/builders/ResponseMessageBuilder.java
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* /opt/cola/permits/1001071306_1646171654.55/0/springfox-core-2-8-0-sources-
1.3238 cxf-rt-transports-http 2.6.6

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1.3239 cxf-rt-features-logging 3.2.5-jbossorg-1

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}
p {
  margin-left: auto;
  margin-top:  0.5em;
  margin-bottom: 0.5em;
}
p.list {
  margin-left: 0.5in;
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*/
package org.apache.cxf.rs.security.oauth.data;

/**
* Base permission description which is visible to
* authorization handlers
* @see OAuthAuthorizationData
*/
public class Permission {
    private String permission;
    private String description;
    private boolean isDefault;

    public Permission() {
    }

    public Permission(String permission, String description) {
        this.description = description;
        this.permission = permission;
    }

    public String getDescription() {
        return description;
    }
}
public void setDescription(String description) {
    this.description = description;
}

public String getPermission() {
    return permission;
}

public void setPermission(String permission) {
    this.permission = permission;
}

/**
 * Indicates that this permission has been allocated by default.
 * Authorization View handlers may use this property in order to restrict
 * the list of scopes which may be refused to non-default scopes only
 **/
public void setDefault(boolean value) {
    this.isDefault = value;
}

public boolean isDefault() {
    return isDefault;
}

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#foreach ( $license in $project.licenses)
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  License: $license.name #if ($license.url) ($license.url)#end

#end
#end
#end

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```
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import java.io.IOException;
import java.io.InputStream;

/**
 * Marker interface for OutputStreams that can directly support
 * copying from an input stream. OutputStreams that maintain their
 * own byte buffer or similar may be able to optimize the copy
 * instead of using the read/write into a temporary buffer that
 * the normal IOUtils.copy method requires.
 */
public interface CopyingOutputStream {

    int copyFrom(InputStream in) throws IOException;
}

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creates an executable that is a derivative of the Library (because it
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library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

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that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
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threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
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work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
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*/
/**
* A [@link WebApplicationContext] that can be used to bootstrap itself from a contained
* [@link ServletWebServerFactory] bean.
* </p>
* This context will create, initialize and run an [@link WebServer] by searching for a
* single [@link ServletWebServerFactory] bean within the [@link ApplicationContext]
* itself. The [@link ServletWebServerFactory] is free to use standard Spring concepts
* (such as dependency injection, lifecycle callbacks and property placeholder variables).
* </p>
* In addition, any [@link Servlet] or [@link Filter] beans defined in the context will be
* automatically registered with the web server. In the case of a single Servlet bean, the
* '/' mapping will be used. If multiple Servlet beans are found then the lowercase bean
* name will be used as a mapping prefix. Any Servlet named 'dispatcherServlet' will
* always be mapped to '/'. Filter beans will be mapped to all URLs ('/*').
* </p>
* For more advanced configuration, the context can instead define beans that implement
* the [@link ServletContextInitializer] interface (most often
* [@link ServletRegistrationBean]s and/or [@link FilterRegistrationBean]s). To prevent
* double registration, the use of [@link ServletContextInitializer] beans will disable
* automatic Servlet and Filter bean registration.
* </p>
* Although this context can be used directly, most developers should consider using the
* [@link AnnotationConfigServletWebServerApplicationContext] or
* [@link XmlServletWebServerApplicationContext] variants.
* 
* @author Phillip Webb
* @author Dave Syer
* @see AnnotationConfigServletWebServerApplicationContext
* @see XmlServletWebServerApplicationContext
* @see ServletWebServerFactory
*/

Found in path(s):
*/opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2-0-4-release-sources-1-
No license file was found, but licenses were detected in source scan.

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* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/context/properties/PropertyMapper.java
* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/context/properties/ConfigurationBeanFactoryMetadata.java
* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/info/InfoProperties.java
* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/jta/bitronix/BitronixXADataSourceWrapper.java
* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/util/package-info.java
* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
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* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/web/context/WebServerInitializedEvent.java
* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/context/properties/PropertySourcesDeducer.java
* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/web/reactive/context/GenericReactiveWebApplicationContext.java
* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/web/embedded/undertow/UndertowServletWebServerFactory.java
* /opt/cola/permits/1110675121_1606843993.67/0/spring-boot-2.0.4-release-sources-1-
jar/org/springframework/boot/web/reactive/error/package-info.java
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI) in the Netherlands as a successor of a language called ABC. Guido is Python’s principal author, although it includes many contributions from others. The last version released from CWI was Python 1.2. In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI) in Reston, Virginia where he released several versions of the software. Python 1.6 was the last of the versions released by CNRI. In 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. Python 2.0 was the first and only release from BeOpen.com.

Following the release of Python 1.6, and after Guido van Rossum left CNRI to work with commercial software developers, it became clear that the ability to use Python with software available under the GNU Public License (GPL) was very desirable. CNRI and the Free Software Foundation (FSF) interacted to develop enabling wording changes to the Python license. Python 1.6.1 is essentially the same as Python 1.6, with a few minor bug fixes, and with a different license that enables later versions to be GPL-compatible. Python 2.1 is a derivative work of Python 1.6.1, as well as of Python 2.0.

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1.3260 xz 5.2.2-1.el7.0atomix1
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* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/Property.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/CookieList.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/JSONTokener.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/XML.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/CDL.java
* /opt/cola/permits/1126439541_1611634442.47/0/json-20131018-sources-jar/org/json/XMLTokener.java
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1.3262 etcd v3.2.1

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- perks - a fork of https://github.com/bmizerany/perks
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- Go support for Protocol Buffers - Google's data interchange format
  http://github.com/golang/protobuf/
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Support for streaming Protocol Buffer messages for the Go language (golang).
https://github.com/matttproud/golang_protobuf_extensions
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procfs provides functions to retrieve system, kernel and process
metrics from the pseudo-filesystem proc.

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Protocol Buffers for Go with Gadgets

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Go support for Protocol Buffers - Google's data interchange format

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modules/audio_coding/codecs/g722/main/source/g722_decode.c
modules/audio_coding/codecs/g722/main/source/g722_encode.c
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* Date: Fri, Jun 24, 2011 at 3:20 AM
* Subject: Re: sqrt routine
* To: Kevin Ma <kma@google.com>
* Hi Kevin,
* Thanks for asking. Those routines are public domain (originally posted to
* comp.sys.arm a long time ago), so you can use them freely for any purpose.
* Cheers,
* Wilco
* 
* ----- Original Message ----- 
* From: "Kevin Ma" <kma@google.com>
Hi Wilco,

I saw your sqrt routine from several web sites, including http://www.finesse.demon.co.uk/steven/sqrt.html.

Just wonder if there's any copyright information with your Successive approximation routines, or if I can freely use it for any purpose.

Thanks.

Kevin

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modules/audio_coding/codecs/g711/main/source/g711.h

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modules/audio_device/mac/portaudio/pa_ringbuffer.c
modules/audio_device/mac/portaudio/pa_ringbuffer.h

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/*
* $Id: pa_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche $
* Portable Audio I/O Library
* Memory barrier utilities
*
* Author: Bjorn Roche, XO Audio, LLC
*
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/*
* $Id: pa_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche $
* Portable Audio I/O Library
* Ring Buffer utility.
*
* Author: Phil Burk, http://www.softsynth.com
* modified for SMP safety on Mac OS X by Bjorn Roche
* modified for SMP safety on Linux by Leland Lucius
* also, allowed for const where possible
* modified for multiple-byte-sized data elements by Sven Fischer

* Note that this is safe only for a single-thread reader and a
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/* zlib.h -- interface of the 'zlib' general purpose compression library
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jloup@gzip.org          madler@alumni.caltech.edu

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*/

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We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.
For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)
"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has
a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

e) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the materials to be distributed need not include anything that is
normally distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

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For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents.
States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

**TERMS AND CONDITIONS**

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a
menu, a prominent item in the list meets this criterion.


The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

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5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

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b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the
Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular
product received by a particular user, "normally used" refers to a
typical or common use of that class of product, regardless of the status
of the particular user or of the way in which the particular user
actually uses, or expects or is expected to use, the product. A product
is a consumer product regardless of whether the product has substantial
commercial, industrial or non-consumer uses, unless such uses represent
the only significant mode of use of the product.

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and execute modified versions of a covered work in that User Product from
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fixed term (regardless of how the transaction is characterized), the
Corresponding Source conveyed under this section must be accompanied
by the Installation Information. But this requirement does not apply
if neither you nor any third party retains the ability to install
modified object code on the User Product (for example, the work has
been installed in ROM).

The requirement to provide Installation Information does not include a
requirement to continue to provide support service, warranty, or updates
for a work that has been modified or installed by the recipient, or for
the User Product in which it has been modified or installed. Access to a
network may be denied when the modification itself materially and
adversely affects the operation of the network or violates the rules and
protocols for communication across the network.

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- libpostproc
- libmpcodecs
- optional x86 optimizations in the files
libavcodec/x86/flac_dsp_gpl.asm
libavcodec/x86/idct_mmx.c
- libutvideo encoding/decoding wrappers in
libavcodec/libutvideo*.cpp
- the X11 grabber in libavdevice/x11grab.c
- the swresample test app in
libswresample/swresample-test.c
- the texi2pod.pl tool
- the following filters in libavfilter:
  - f_ebur128.c
  - vf_blackframe.c
  - vf_boxblur.c
  - vf_colormatrix.c
  - vf_croppetect.c
  - vf_decimate.c
  - vf_delogo.c
  - vf_geq.c
  - vf_histeq.c
  - vf_hqdn3d.c
  - vf_interface.c
  - vf_kerndeint.c
  - vf_mdeint.c
  - vf_mp.c
  - vf_owdenoise.c
  - vf_perspective.c
  - vf_phase.c
  - vf_pp.c
  - vf_pullup.c
  - vf_sab.c
  - vf_smartblur.c
  - vf_spp.c
  - vf_stereo3d.c
  - vf_super2xsai.c
  - vf_tinterlace.c
  - vsrc_mptestsrc.c

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COPYING.GPLv3 to learn the exact legal terms that apply in this case.

There are a handful of files under other licensing terms, namely:

* The files libavcodec/jfdctfst.c, libavcodec/jfdctint_template.c and
libavcodec/jrevdct.c are taken from libjpeg, see the top of the files for
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You must also indicate any changes including additions and deletions to
those three files in the documentation.

**external libraries**

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**compatible libraries**

The following libraries are under GPL:
- frei0r
- libcdio
- libutvideo
- libvidstab
- libx264
- libx265
- libxavs
- libxvid

When combining them with FFmpeg, FFmpeg needs to be licensed as GPL as well by passing --enable-gpl to configure.

The OpenCORE and VisualOn libraries are under the Apache License 2.0. That license is incompatible with the LGPL v2.1 and the GPL v2, but not with version 3 of those licenses. So to combine these libraries with FFmpeg, the license version needs to be upgraded by passing --enable-version3 to configure.

**incompatible libraries**

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/* zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.4, March 14th, 2010

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Dr. Memory: the memory debugger

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A C-program for MT19937, with initialization improved 2002/1/26.
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using init_genrand(seed)
or init_by_array(init_key, key_length).

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/* zlib.h -- interface of the 'zlib' general purpose compression library
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1.3271 pycryptodome 3.4.7

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  PAcoMGBF/milter-regex-2.4.tar.gz-cosi-expand-archive-spTobCnu/milter-regex-2.4/eval.c

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\" $Id: milter-regex.8,v 1.12 2019/04/02 15:47:26 dhartmei Exp $ */
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PACoMGBF/milter-regex-2.4.tar.gz-cosi-expand-archive-spTobCnu/milter-regex-2.4/strlcpy.c

1.3274 binutils 2.27-44.base.el7_9.1

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Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

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Version 2.1, February 1999

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To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

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2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in
Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

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Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the
Library. A suitable mechanism is one that (1) uses at run time a
copy of the library already present on the user's computer system,
rather than copying library functions into the executable, and (2)
will operate properly with a modified version of the library, if
the user installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.
e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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@end enumerate

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This file will eventually be deleted: The general info will go into the documentation, and info on specific files will go into an AUTHORS file, as requested by the FSF.

++++++++++++++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for gdb-specific debug information and the 68k series machines, most of the preprocessing pass, and extensive changes in messages.c, input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various enhancements and many bug fixes, including merging support for several processors, breaking gas up to handle multiple object file format backends (including heavy rewrite, testing, an integration of the coff and b.out backends), adding configuration including heavy testing and verification of cross assemblers and file splits and renaming, converted gas to strictly ansi C including full prototypes, added support for m680[34]0 & cpu32, considerable work on i960 including a coff port (including considerable amounts of reverse engineering), a sparc opcode file rewrite, decstation, rs6000, and hp300hpux host ports, updated "know" assertions and made them work, much other reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan. Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of Buffalo University and Torbjorn Granlund of the Swedish Institute of
Computer Science.

Keith Knowles at the Open Software Foundation wrote the original MIPS back end (tc-mips.c, tc-mips.h), and contributed Rose format support that hasn't been merged in yet. Ralph Campbell worked with the MIPS code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors (tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format (obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many small bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.
Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error checking, updating the code, and improving the 16 bit support, using patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If you've contributed significant work and are not mentioned on this list, and want to be, let us know. Some of the history has been lost; we aren't intentionally leaving anyone out.

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